

File No. ....

DUPLICATE

T 68 R 35 E.

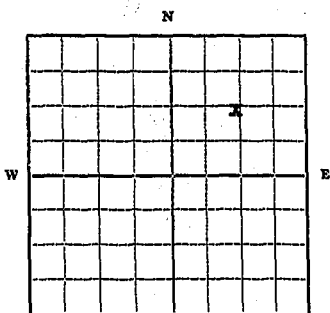
County Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 8 1964

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

1. Town of Lodge Grass, of Lodge Grass,  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



**Lot 1, block 7,  
Stevenson's Addition**

1/4 Sec. T. R.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Water Supply for the Town of Lodge Grass
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Used continuously since 1948
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Thirty Five Thousand Gallons per day
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Both wells located on lot 1, blk 7, Stevenson addition equipped with Electric Pumps, 7 1/2 HP each
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table 12 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater eight  
One well is 285 feet deep and is cased with six inch steel pipe  
The other well is 285 feet deep and is cased with ten inch steel pipe
10. The estimated amount of groundwater withdrawn each year 15,000,000 gallons
11. The log of formations encountered in the drilling of each well if available  
Log of wells on file with County Clerk & Recorder
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Town of Lodge Grass,

Signature of Owner

Dec. 31, 1963

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26971

206685

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1963 day of

A. D. 19

at 3:57 o'clock P.M.

Harry E. Carr  
County Recorder

By Rudolph W. Temple Deputy

File No. ....

DUPLICATE

T. 6<sup>3</sup> R. 35 13  
County .....

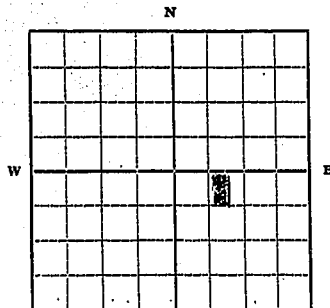
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1963) STATE ENGINEER

JAN 8 1964

1. W. T. Shaw Jr. of Lodge Grass,  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W. T. Shaw Jr., Sec. 13,  
T. 6S., R. 35 E.  
1/4 Sec. T. R.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Household and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949 used continuously since Jan. 1949

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof W. T. Shaw Jr., Sec. 13, T. 6S., R. 35 E.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Water removed by use of two gasoline pumps and one electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1949

8. The depth of water table 6 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

two shallow wells, cased with steel 20 feet deep

10. The estimated amount of groundwater withdrawn each year four acre feet

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner W. T. Shaw Jr.

Date Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26972

206686

STATE OF MONTANA }  
County of Big Horn } ss:

The within instrument was filed  
in my office at Hardin, Montana, this  
DEC 31 1963 day of

A. D. 19

at 4:00 o'clock P.M.

Harvey E. Cook  
County Recorder

By Ruby Temple Deputy

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Kenneth Shick

Address Lodge Grass

MONTANA

Date well started Aug 10, 1972

completed Aug 11, 1972

Type of well Drilled

Equipment used Churn drill

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

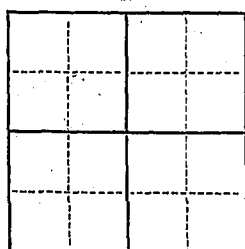
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	6" 19'	0'	21'	Perforated Bottom 4' Above shoe
4" P.V.C.		0'	55'	Perforated bottom 30' 4 slots 3" to 6" long



..... 1/4 Sec. 13  
T. 6 N. R. 35 E.  
(S) (W)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Stella D. Lantz

Driller's Address 602 West 2nd St

Hardin, Montana

LICENSE NO. 231

1-F.

RECEIVED

BIG HORN DRILLING  
602 WEST 2ND ST.  
HARDIN, MONTANA 59034

DEC 21 1972

County Big Horn

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0'	4'	Soil
4'	16'	CLAY
16'	21'	gravel-sand & little water
21'	45'	gray shale
45'	55'	light sand - water
		30 g.p.m.

55' Show exact depth of bottom

52,052

238411

STATE OF MONTANA )  
County of Big Horn ) ss.The within instrument was filed  
in my office at Hardin, Montana, this

DEC 14 1972 A.D. 19 day of

3:55 o'clock P.M.

County Recorder

Deputy

STATE OF MONTANA )  
County of Big Horn ) ss.The within instrument was filed  
in my office at Hardin, Montana, this

DEC 14 1972 A.D. 19 day of

at o'clock M.

County Recorder

Deputy

Department of Natural Resources and Conservation  
Water Resources Division  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

Owner Kenneth Shick  
Address Lodge Grass, Montana 59050  
Location Q. ? R. ? Sec. ? 13  
Doc. No. 238411

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the complete location of the well by section, township and range.

Thank you.

Sent on  
1/18/73

52,057

File No. \_\_\_\_\_

DUPLICATE

SECTION No. 1

RECEIVED  
MAY 19 1964

T. 6S R. 35E  
County BIG HORN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

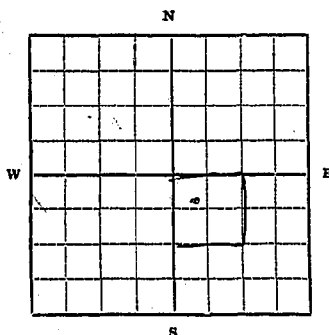
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1964

STATE ENGINEER

1. Myron & Eleanor Lynde, of Lodgepole Pine  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 21, T. 6, R. 35E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Irrigation + Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927 & used continuously till present date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Unknown
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 30 acres - Myron & Eleanor Lynde
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1927
8. The depth of water table 3600 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year Unknown
11. The log of formations encountered in the drilling of each well if available None by Continental Oil Co.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Eleanor & Myron Lynde  
Signature of Owner Myron Lynde  
Date Dec 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

21664

206298

STATE OF MONTANA } ss:  
County of Big Horn

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 26 1963 day of

                     A. D. 19        

at 11:45 o'clock AM.

Harry E. Cap  
County Recorder

By Robyn Sample Deputy



File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

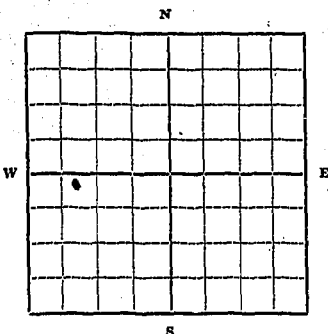
Declaration of Vested Groundwater Rights  
(Under Chapter 37, Montana Session Laws, 1961)

T6S R35 E13  
County Big Horn

RECEIVED  
JAN 8 1964

STATE ENGINEER

1. (Name of Appropriator) Billings - 541 Alderson  
(Address) (Town)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 23 T6S R35 E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Irrigation  
& domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Unknown

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
W A Jormanack  
yard & garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1940

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
125 ft deep - 6 inch casing

10. The estimated amount of groundwater withdrawn each year Unknown

11. The log of formations encountered in the drilling of each well if available  
Jones Drilling Co - Hardin mant.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

W A Jormanack  
by Robert W Jormanack  
Date 12-26-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

21665

206299

STATE OF MONTANA } ss.  
County of Big Horn }

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 26 1963 day of

                     A. D. 19

at 11:55 o'clock AM.

Henry E. Carl  
County Recorder

By Ruby W. Sample Deputy

File No. ....

DUPLICATE

T. 75 R. 35 E  
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

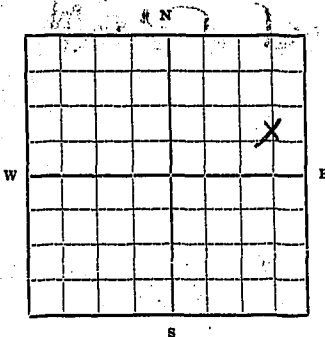
JAN 8 1964

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. WILDA L WESTWOOD, of LD  
(Name of Appropriator) (Address) (Town)

County of ..... State of .....  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



WILDA L WESTWOOD Sec. 24 T. 75 R. 35 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSE HOLD & STOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute) AVAILABLE SUPPLY
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NONE GARDEN & LAWN
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table 20 FT.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Wilda L Westwood  
Date Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26835

206549

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1963 day of

A.D. 19

at 1:15 o'clock P.M.

*Harry E. Cox*

County Recorder

By *Lillian L. Smith* Deputy

51,239

STATE OF MONTANA } ss.  
 County of Big Horn  
 The within instrument was filed  
 in my office at Hardin, Montana, this \_\_\_\_\_ day of \_\_\_\_\_  
 AUG 25 1972 A.D. 19\_\_\_\_  
 at 4:10 o'clock P.M.  
*Jojo Lippert*  
 County Recorder  
 By *Ruby Lippert* Deputy

STATE OF MONTANA }  
County of Big Horn } ss.

County of Big Horn

The within instrument was filed  
in my office at Hardin, Montana, this  
\_\_\_\_\_ day of \_\_\_\_\_

day 0

AUG 25 1972 A.M. 19

at 4:10 o'clock PM

Joepe Lippert  
County Recorder

County Recorder

By Ruby Salempali Deputy

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

with these models of social policy, that at the same time we will also produce a new model of social policy, one that is more humane, more effective, more just, and more democratic.

RECEIVED

3 GW 3 Revised 1969  
2057-1500-1/71

AUG 28 1972

County Big Horn

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 236597

Aug. 24, 1972 - 3:30 p.m.

GW 1

Owner Wesley L. Wagenaar

Address Box 176

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

Natural Spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

Gravity

3. Depth of water table

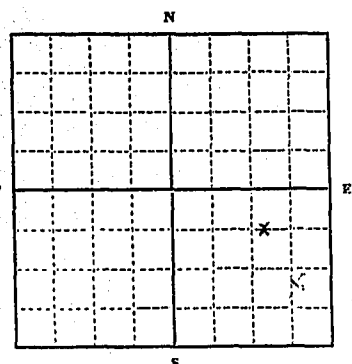
4. Use of the water Stock Water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 80 gallons per minute

6. If used for irrigation, give number of acres and description of land Not used for irrigation

7. Estimate amount of water used each year Stockwater for up to 100 cows

8. Months of year spring flows year around



NE 1/4 SE 1/4 Sec. 27

T. 10S N. R. 35E E. W.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated

estimated 3425 ft

Signature of Owner Wesley L. Wagenaar

Date August 24, 1972

1-F.

51,250

236597

STATE OF MONTANA }  
County of Big Horn } ss:

The within instrument was filed  
in my office at Hardin, Montana, this

\_\_\_\_\_ day of  
AUG 24 1972 A. D. 19\_\_\_\_

at 3:30 o'clock P. M.

Joseph Lippert  
County Recorder

By Dudley Wemple Deputy



December 6, 1972

Mr. Wesley L. Wagenaar  
Box 176  
Lodge Grass, Montana 59050

Dear Mr. Wagenaar:

This is in response to your recent letter requesting instructions for filing on an undeveloped spring.

As stated in the form letter, which we sent you several weeks ago, a spring which is developed at its source of extrusion from the ground is considered a developed groundwater source and is therefore under the laws of Montana's 1961 Groundwater Code, which this Department administers. (A copy of the Groundwater Code is enclosed for your personal use.)

If a spring is not developed, it is considered surface water. The State of Montana has no state administration of surface waters. The "administration" is basically up to each individual and the local district courts. The local district courts settle all disputes between surface water users when they arise. It is essential that in order to fulfill a surface water right that the water be diverted and put to some beneficial use.

Also enclosed is a pamphlet on Surface Water Rights, which would pertain to you in this particular case. We have underlined in red the areas that specifically refer to filing surface water rights. There is no specific form, that has to be used for filing your surface water right. In many cases, a lawyer draws up the appropriation for his client. Many years ago, a form was prepared for use in filing surface water rights: the form is titled Notice of Appropriation. We have enclosed two (2) copies of that form for your personal use. Additional copies can be purchased at most major office supply stores in Montana. When you have completed the form it should be recorded and filed in the local County Clerk & Recorder's Office. (A xerox copy of Montana laws pertaining to appropriating surface waters is also enclosed with important items underlined in red.)

If we can be of further assistance, please feel free to contact us at any time.

Sincerely,

Ronald J. Guse, GWRC  
WATER RESOURCES DIVISION

RJG/lk  
Enclosures (5)

RECEIVED

NOV 28 1972

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

Dear Sir:

The spring in question is an undeveloped  
spring - so I guess it must be considered  
surface water.

Please advise me as to what I should  
do now.

Sincerely,  
Wesley J. Wagenaar

Department of Natural Resources and Conservation  
Water Resources Division  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

Owner Wesley L. Wagenaar  
Address Box 176 Lodge Grass 59050  
Location T. 6S R. 35E Sec. 27  
Doc. No. 236597

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the dates the spring development was started and completed, and the means or method used to develop the spring.

NOTE: Undeveloped springs are usually considered surface water, and are therefore appropriated in an entirely different manner.

Thank you.

AUG 23 1972

County Big Horn

STATE OF MONTANA

MONTANA DEPARTMENT OF  
RESOURCES AND CONSERVATION  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 236597

Aug. 24, 1972 - 3:30 p.m.

GW 1

Owner Wesley L. Wagenaar

Address Box 176

Contractor (if any) None

? Address of Contractor ?

? Date Started ? Date Completed ?

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

Natural Spring  
How developed?

2. Means of withdrawing water (gravity, pump, canal, etc.)

Gravity

3. Depth of water table

4. Use of the water Stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 80 gallons per minute

6. If used for irrigation, give number of acres and description of land Not used for irrigation

7. Estimate amount of water used each year Stock water

to 100 cows

8. Months of year spring flows year around

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or esti-

mated 3425 ft

Signature of Owner Wesley L. Wagenaar

Date August 24, 1972

1-F.

51,250

File No. ....

DUPLICATE

T. 6 S. R. 35 E

County Big Horn

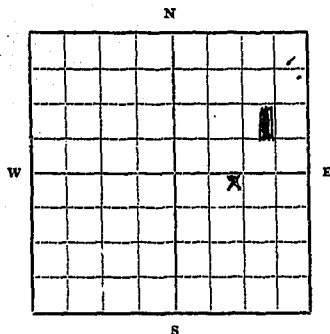
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

F 1964  
JAN 8 1964

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clara Knight of Big Horn County, Montana State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household  
Block & Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec 1949  
use continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 700 gal per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre - Clara Knight  
owned
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Chump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1949
8. The depth of water table Depth of well 135 ft - 14 ft level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Depth of well 135 ft
10. The estimated amount of groundwater withdrawn each year 4,410,000 gals
11. The log of formations encountered in the drilling of each well if available a little quick  
sand and some blue shale
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no record

Signature of Owner

Date Dec 28, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26785

206494

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1966 day of

A. D. 1963

at 8:45 o'clock A.M.

By Harvey E. Cox County Recorder  
Goldie L. Smith Deputy

**County Recorder**

By Robert L. Smith Deputy





GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. ....

T. 65 R. 36E

DUPLICATE

County BIG Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 8 1964

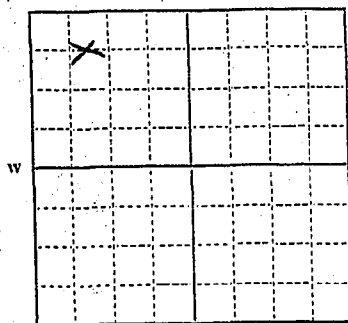
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 31, 1963Owner HEIDA L. WOODWARD Address LODGE CROSSContractor (if any) SAMEAddress of Contractor SAMEDate Started 1961 Date Completed 1961

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

7 ft. natural spring.



NW 1/4 Sec. 5 T. 65 R. 36E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

CONTINUOUS USAGE

LIVE STOCK 11' STEAM

FLOW AT PEAK

Signature of Owner Heida L. Woodward

by John R. Woodward  
Date Dec 31 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26834



206548

STATE OF MONTANA } ss.  
County of Big Horn }

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1963 day of

A. D. 19

at 1<sup>st</sup> o'clock P.M.

*Harvey E. Cape*

County Recorder

By *Gladie L. Smith* Deput

File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

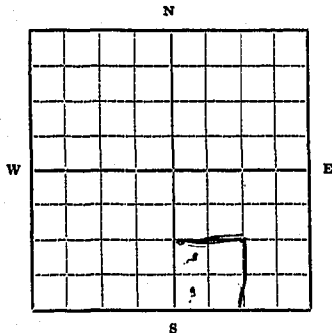
T. 6 S. R. 36 E. 6  
County Big Horn

R

JAN 8 1964

Declaration of Vested Groundwater Rights STATE ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. Walter D & Lydia F. Hansen, of Lodge CROSS  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 6 T. 6 S. R. 36 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Home Stock Water & Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953 - Steady Since Then
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 5 acres, NW 1/4 Sec 4 T. 6 S. R. 36 E. Walter D & Lydia F. Hansen
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Set Electric Pump Lower Part of Map Indicates Second Well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1953 for the well at the house, Jones Bros. of Hardin Drilled it & have the log on it. I dug the well at the barn in 1960 started April 10 & finished April 12
8. The depth of water table Unknown - Driller will have this information
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater House well is 55' deep with 6" casing, water drawn by Set Electric Pump. Well at barn - lower well is 15-18' deep, 6" casing - Hand Pump
10. The estimated amount of groundwater withdrawn each year 365,000
11. The log of formations encountered in the drilling of each well if available See Jones Bros. Hardin Mont. for this information
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Name Known

Signature of Owner

Walter D. Hansen

Date Dec 31 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26988

206740

STATE OF MONTANA } ss.  
County of Big Horn }

The within instrument was filed  
in my office at Hardin, Montana, this  
JAN 6 1964 day of

A. D. 19

at 8:00 o'clock A.M.

Harry E. Carl  
County Recorder

By Donby Wemple Deputy

*Copy*  
1/10/64

206740

File No. ....

DUPLICATE

T. 65 R. 36

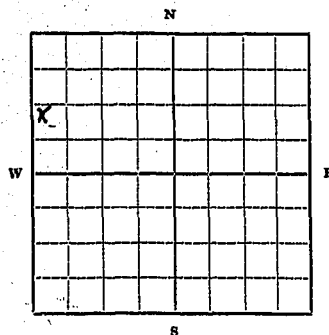
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights STATE ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. Laurence L. Wagenaar, of Lodgepole  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 7 T. 65 R. 36 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1947  
daily use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 miner's inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Power pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1947
8. The depth of water table 130 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
6 in casing 132 ft
10. The estimated amount of groundwater withdrawn each year 60,000
11. The log of formations encountered in the drilling of each well if available  
None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Laurence L. Wagenaar  
By Mrs. L. L. Wagenaar

Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26887

206601

MISSOURI

MISSOURI

STATE OF MONTANA { ss.  
County of Big Horn

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1963 day of

A. D. 19

at 2:34 o'clock P.M.

Harry C. Cas  
County Recorder

By Robert J. Cas Deputy

206601 11 22 77

File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

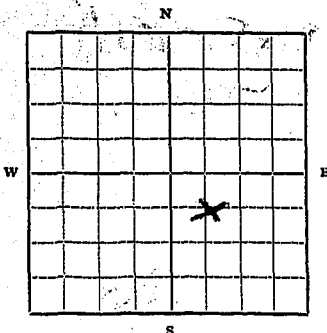
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

T. 65 R. 36E 10  
County Big Horn

RECEIVED  
JAN 8 1964

STATE ENGINEER

1. HILDA L. WESTWOOD, of LAKE GRASS  
(Name of Appropriator) (Address) (Town)  
County of BIG HORN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4, NE 1/4, Sec 10, T. 65, R. 36E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSE HOLD & STOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1919 & 1945
4. The amount of groundwater claimed (in miner's inches or gallons per minute) AVAILABLE SUPPLY
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof GARDEN & LAWN
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal HAND PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NOT AVAILABLE
8. The depth of water table 17 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater NOT AVAILABLE
10. The estimated amount of groundwater withdrawn each year NOT APPLICABLE
11. The log of formations encountered in the drilling of each well if available NOT APP.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Hilda L. Westwood  
By Hilda L. Westwood  
Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26836

206550

STATE OF MONTANA } ss.  
County of Big Horn

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1963 day of

12 A.D. 1963  
at 12 o'clock P.M.

Harvey E. Cox  
County Recorder  
Edna L. Smith (Name)

**DUPLICATE**

County.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

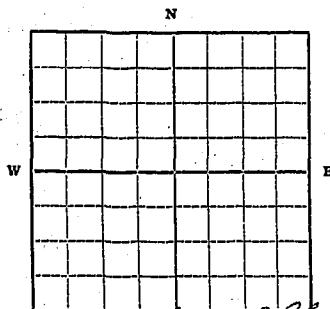
JAN 8 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 111, Montana Session Laws, 1961)

# CIVIL ENGINEER

1 Frank T. Allen of Indian Grass Mountain  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



*Suf 1266 - 1 piece added*  
*Suf 8 - 5 - 1 piece added*  
*Suf 3 - 5 - 1 piece added*

---

$\frac{1}{4}$  Sec. 13 T 6 S R 36 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Lawn + garden  
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 11-9-6-1924 - summer only  
1-8-1915-5-1945 - summer only  
1-13-5-1916 summer only  
 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Each about 40 gal  
 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn + garden  
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pumps.  
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 11-9-6-1924 - 1-8-1915-1945  
1-13-1916  
 8. The depth of water table 30 ft.  
 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 11-9-6-4 in casing - 8 ft. deep  
1-8-1915-18 ft. deep - 4 in casing  
1-13-1916-190 ft. deep - 4 in casing  
 10. The estimated amount of groundwater withdrawn each year All wells 4000 gal  
 11. The log of formations encountered in the drilling of each well if available None seen  
 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Date \_\_\_\_\_

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26797



206506

STATE OF MONTANA } ss.  
County of Big Horn }

The within instrument was filed  
in my office at Hardin, Montana, this

NOV 21 1963 day of

\_\_\_\_\_ A. D. 19\_\_\_\_

at 9:15 o'clock A. M.

Harry E. Cox  
County Recorder

By Helene L. Smith Deputy

OW-3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. ....

T. 63 R. 36E

DUPLICATE

County B. Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 31, 1963

Owner Hilda I. Wehner Address Lodge Grass

Contractor (if any) Same

Address of Contractor Same

Date Started 1952 Date Completed 1952

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

16 ft. Electric pump  
out of spring

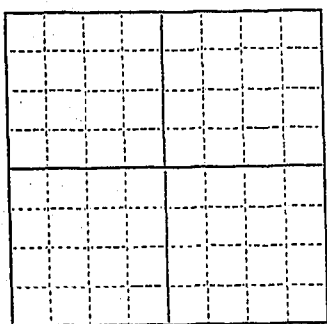
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Regular Stock  
Water use, varies  
in amount.

Signature of Owner Hilda I. Wehner

Date Dec 31, 1963



NW 1/4 Sec. 19 T. 6 R. 36E

Indicate point of appropriation and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26838

206552

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1963 day of

A. D. 19

at 1<sup>22</sup> o'clock P. M.

*Harvey E. Cox*

County Recorder

*Goldie L. Smith* Deputy

File No. ....

DUPLICATE

T. 65 R. 36 E 19  
County. BIG HORN

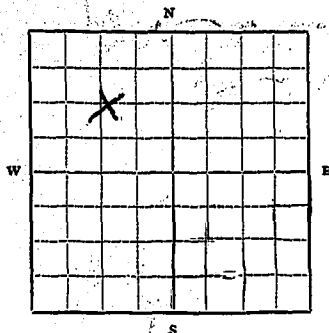
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. HILDA L. WESTWOOD, of LODGE CROSS  
(Name of Appropriator) (Address) (Town)  
County of BIG HORN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec 19 T. 6 R. 36 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSEHOLD
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914 - CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) AVAILABLE SUPPLY
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1914 - 1917
8. The depth of water table 27 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Hilda L. Westwood  
by John R. Westwood  
Date Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26839

206553

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this  
DEC 31 1963 day of

at 12:34 A.D. 19  
o'clock P.M.

Harry E. Carl  
County Recorder  
By Lester L. Smith Deputy

File No. ....

T. 65 R. 36 E

DUPLICATE

County BIG HORN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 31, 1963Owner WILSON L. WATSON Address LODGE CROSSContractor (if any) JACK R. WESWOODAddress of Contractor SAMEDate Started 1961 Date Completed 1963

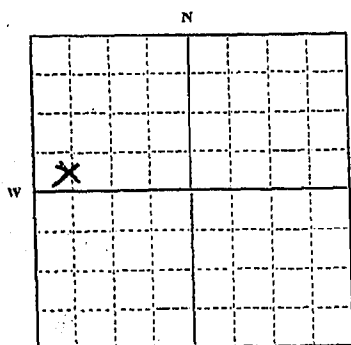
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Spring - piped to  
tank 150 yds. down  
stream

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

1" at peak  
1/2" flow in summer  
continuous 115495  
by stock

Signature of Owner Wilson L. WatsonDate Dec 31, 1963

SE 1/4 NW 1/4 Sec. 21 T. 65 R. 36 E  
Indicate point of appropriation  
and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

206554

STATE OF MONTANA }  
County of Big Horn }

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1963 day of

A. D. 19

at 12<sup>th</sup> o'clock P. M.

*Harold C. Cap*  
County Recorder  
34 *Robert L. Smith* Deputy

File No. ....

DUPLICATE

T. 65 R. 36 E. 29

County. BILL HORN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

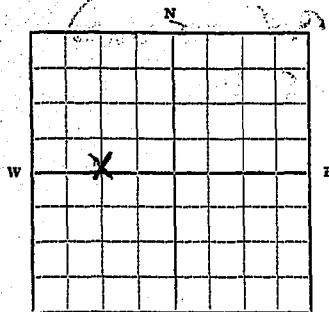
RECEIVED  
JAN 8 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. FLORENCE E. WESTWOOD of LODGE GRASS  
(Name of Appropriator) (Address) (Town)  
County of BILL HORN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 29 T. 65 R. 36 E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based

HOUSE & STOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been

1929

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

AVAILABLE SUPPLY

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Florence Westwood

Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26833



206547

STATE OF MONTANA {  
County of Big Horn { ss.

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 31 1963 day of

\_\_\_\_\_ A.D. 19\_\_\_\_

at 1<sup>12</sup> o'clock P.M.

*Gary B. Cap*  
County Recorder

*Goldie Smith* Deputy

T. 6S R. 36E

County Big Horn

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
DEC 29 1961

WATER WELL LOG

STATE ENGINEER

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Owner John Tape Address LODGE GRASS  
HASZ DRILLING Address SCOTTCITY MONT.  
Date Started OCT 5 - 61 Date Completed OCT 10 - 61  
Location: Sec. 36 T. 6S R. 36E 1/4 sec. SE4 SE4

Type of well drilled Equipment used rotary  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 200 ft. to \_\_\_\_\_ ft. Type 1 1/2" steel Size 1 1/2"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 40 to ft. 40 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 1/4" x 2"

Static Water level, for non-flowing well: 32 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 190 feet at 500 gal. per min.

How tested: Weighted

Length of test 14 min.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel packed

# Log of Well

| Depth, feet |     | Description of Material Drilled                    |
|-------------|-----|--|
| From        | To  |  |
| 0           | 2   | Top soil   |
| 2           | 24  | yellow clay  |
| 24          | 31  | blue clay  |
| 31          | 32  | fine blue sand                                     |
| 32          | 41  | blue clay with streaks of sand                     |
| 41          | 47  | hard blue clay                                     |
| 47          | 58  | hard blue clay with streaks of sand                |
| 58          | 59  | hard rock  |
| 59          | 61  | blue sand real fine and loose                      |
| 61          | 62  | Rock Clay  |
| 62          | 71  | sandy clay with streaks of coal                    |
| 71          | 77  | sand Rock  |
| 77          | 89  | hard blue clay                                     |
| 89          | 91  | hard rock with sand and some coal                  |
| 91          | 92  | clay   |
| 92          | 107 | hard blue clay                                     |
| 107         | 118 | clay   |
| 118         | 119 | hard rock  |
| 119         | 122 | hard clay  |
| 122         | 148 | clay or blue shale                                 |
| 148         | 152 | sandy clay sand rock                               |
| 152         | 167 | hard rock with fine sand with streaks of sand clay |
| 167         | 173 | sand rock & sand                                   |
| 173         | 176 | blue clay  |
| 176         | 182 | sand Rock & fine sand                              |
| 182         | 197 | sand Rock & fine sand with streaks of clay         |
| 197         | 207 | sand rock & sand                                   |
| 207         | 212 | blue clay  |
| 212         | 227 | blue shale   |
| 227         | 257 | blue shale   |

## GROUNDWATER INDEX

Page 7 of 7

County Big Horn

TWP: 45

Rge. 38 E

[illegible]

File No. \_\_\_\_\_  
DUPLICATE

R. 38E  
County Big Horn

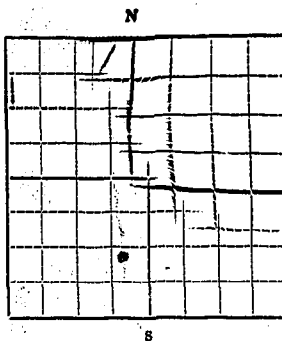
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
NOV 22 1963

STATE ENGINEER  
KIRBY

1. D. S. J. J. FERGUSON, of \_\_\_\_\_, (Name)  
(Narrow) B. I. G. (County)  
County of Big Horn State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4, SW 1/4 Sec. 23 T. 65 R. 38E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based STOCK WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953 - SPRING TO LATE FALL EVERY YEAR
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1/2 GAL. PER MINUTE
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal DEVELOPED SPRING
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater AUG. 1953
8. The depth of water table UNKNOWN
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DEVELOPED POOL, INSTALLATION OF METAL TANK WITH STORAGE CAPACITY OF ABOUT 1,000 gal.
10. The estimated amount of groundwater withdrawn each year 250,000 gal.
11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE or NOT APPLICABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner D. S. J. J. Ferguson

Date OCT. 23, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

7458

205645

11/21/63

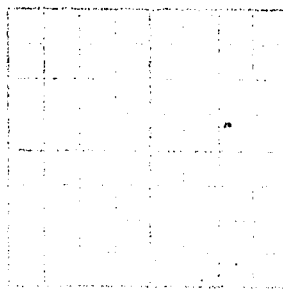
STATE OF MONTANA }  
County of Big Horn } ss:

The within instrument was filed  
in my office at Hardin, Montana, this  
NOV 21 1963 day of

at 10:40 o'clock A.M.

Harvey E. Cape  
County Recorder

By Paul W. Smith Deputy



RECEIVED  
NOV 21 1963  
COUNTY RECORDER  
BIG HORN COUNTY

DUPLICATE DEC 28 1965

T. 68 South R. 38 East

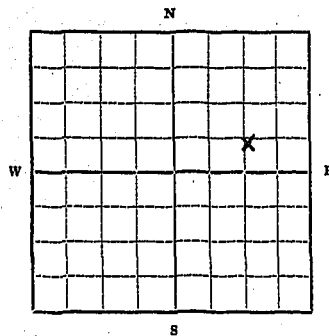
County Big Horn

Billie \_\_\_\_\_ McDermott \_\_\_\_\_ STATE OF MONTANA  
Butzerin \_\_\_\_\_ McNulty \_\_\_\_\_ ADMINISTRATOR OF GROUNDWATER CODE  
Coylo \_\_\_\_\_ Morton \_\_\_\_\_  
Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_ OFFICE OF STATE ENGINEER  
Dickert \_\_\_\_\_

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gertrude O. Jones estate, of Kirby  
(Name of Appropriator) (Address)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE Sec. 24 T. 68R. 38E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1954  
Used continually since originally drilled.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The commencement and completion of the well occurred September 1954.
8. The depth of water table 140 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater No other wells are located in this section.
10. The estimated amount of groundwater withdrawn each year 300,000 gallons.
11. The log of formations encountered in the drilling of each well if available Not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

*Gertrude O. Jones*  
*by Leigh O. Jones Co-Executor*  
Date Dec. 24, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

214731

STATE OF MONTANA } ss:  
County of Big Horn

The within instrument was filed  
in my office at Hardin, Montana, this

DEC 27 1965 day of

A. D. 19

at 1:35 o'clock P.M.

Harvey E. Campbell  
County Recorder  
By Ruby W. Sample Deputy



# GROUNDWATER INDEX

Page 1 of 1

County Big Horn

Twp. 6 S

Rge. 395

[illegible]

File No. ....

T 6 R 31

**DUPLICATE**

County                     

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1932.....

Owner Raymond Holmes Address P. O. Box 54 Kirby, Mont.

Contractor (if any) .....

Address of Contractor .....

Date Started 1954 Date Completed 1954

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dragligning springs and damming  
to make large pool from which water is piped to  
tanks for stock pools are fenced.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use 9 or 10 months

Measured at end of pipe into tank

.....300 gallons per hour.....

Signature of Owner Harmonid Holmes

Date **JAN 22 1964**

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

33785

207001

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this  
JAN 22 1964 day of

at 1<sup>st</sup> A D. 19  
o'clock P.M.

*Harvey E. Smith*  
County Recorder  
By *William L. Smith* Deputy

T 65 R 51

County \_\_\_\_\_

[Stamp: JAN 24 1966]

STAIRS

(Under Chapter 237 Montana Session Laws, 1961)

Date Started 1932 Date Completed 1932

**Sec. 2**

N **H. Corrales** Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. **Not applicable**

|       |     |   |   |
|-------|-----|---|---|
|       |     | I |   |
|       |     |   | I |
|       |     | I | I |
| Hills | EAW |   |   |

Walled spring pumped into pressure tank in cellar,  
Back P. piped into House. Run off into tank and pond in  
corrals for stock.

300 gallons per hour

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Continuous

SW 1/4 Sec. 2 T. 6S R. 39 E

Indicate point of appropriation  
and place of use, if possible.

Measured at end of over flow pipe

Signature of Owner Harmond Holmes

Date JAN 22 1964

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

207007

STATE OF MONTANA } ss.  
County of Big Horn }

The within instrument was filed  
in my office at Hardin, Montana, this

\_\_\_\_\_ JAN 22 1964 \_\_\_\_\_ day of

\_\_\_\_\_ A. D. 19\_\_\_\_\_

at 1:35 \_\_\_\_\_ o'clock \_\_\_\_\_ M.

Harry E. Camp  
County Recorder

By Loctus Smith Deputy

File No. ....

T. 6<sup>S</sup> R. 39E

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 24 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

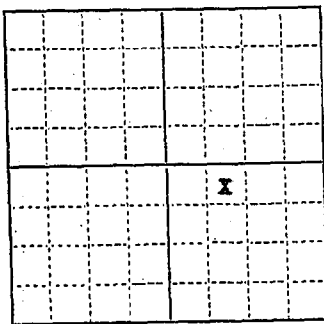
Date of Appropriation of Groundwater 1911Owner Raymond Holmes Address P. O. Box 54 Kirby, Mont.

Contractor (if any) .....

Address of Contractor .....

Date Started 1934 Date Completed 1934

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring dug out fenced and logged  
and piped into troughs stock drink over log pc  
out of troughs



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use 9 or 10 months

NW 1/4 Sec. 3 T. 6S R. 39E

Indicate point of appropriation and place of use, if possible.

300 gallons per hour measured at over flow pipeSame as aboveSignature of Owner Raymond HolmesDate JAN 22 1964

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

207000

STATE OF MONTANA } ss.  
County of Big Horn

The within instrument was filed  
In my office at Hardin, Montana, this  
JAN 22 1964 day of

at 1:37 A.D. 19  
o'clock P.M.

*Harvey E. Cap*  
County Recorder  
By *Robert Smith* Deput

File No. ....

T. 6 S R 39 E

DUPLICATE

County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 24 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

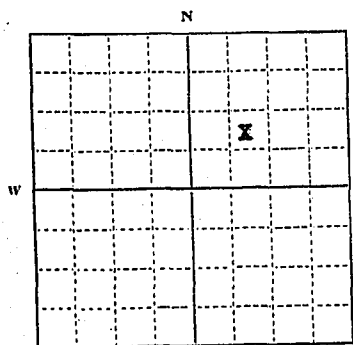
Date of Appropriation of Groundwater. 1932Owner. Raymond Holmes Address. Kirby, Montana

Contractor (if any) .....

Address of Contractor .....

Date Started. 1936 Date Completed. 1936

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring dug out to form pond fenced and logged and can be piped into tanks if you need to hold more water



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. 12 Months

NE 1/4 Sec. 9 T. 6 S R. 39 E

Indicate point of appropriation and place of use, if possible.

400 gallons per hour, estimate stock drink over log.

Signature of Owner. Raymond HolmesDate. JAN 22 1964

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



207003

STATE OF MONTANA } ss.  
County of Big Horn

The within instrument was filed  
in my office at Hardin, Montana, this

JAN 22 1964 day of

at 1:45 A.D. 19  
o'clock P.M.

*Harvey E. Cox*  
County Recorder

By *Georgette Smith* Deputy

T 65 R 51 E

County.....

LL JAN 24 1964

STA

**propri**

1932

Raymond Holmes

**Hirby, Montana**

Contractor. (if any)

Address of Contractor

...1932

...1938

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Springs dug out, boxed and piped into troughs

**W**

Indicate point of appropriation  
and place of use, if possible.

Quantity of water developed, and used with explanation of method used to measure or estimate such amount. If use is intermittent

## 42 Months

400 gallons per hour

measured at end of

overflow pipe

Signature of Owner

JAN 22 1984

**This**

Three copies of the  
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

207004

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this

JAN 22 1962 day of

1962 A. D. 19

at 147 06th 1st

Harry J. [Signature]  
County Recorder  
By Edith Smith Deputy

CLERK OF DISTRICT COURT

RECORDED & INDEXED

JAN 23 1962

File No. ....

DUPLICATE

T 8 S R 39 E

County Big Horn

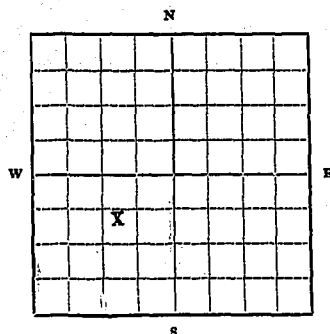
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 8 1963  
STATE ENGINEER

1. Ruth W. Jordan, of Kirby  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... $\frac{1}{4}$ ..... Sec 11 T 6S R 39E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Used over half the year since purchase, 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 G.P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Has been worked on a different times, dug out with back-hoe and piped into tank
8. The depth of water table Ground level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater No well
10. The estimated amount of groundwater withdrawn each year 500,000 Gal
11. The log of formations encountered in the drilling of each well if available No drilling
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Ruth W. Jordan

Date 12/26/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

21738