

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES

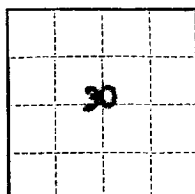
Ute Mountain Tribal

DEPARTMENT OF THE INTERIOR

Allottee _____

GEOLOGICAL SURVEY

Lease No. 14-20-60-84



SUNDRY NOTICES AND REPORTS ON WELLS

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| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF | RECEIVED OCT 16 1959 OIL CON. COM. DIST. 3 |
| NOTICE OF INTENTION TO CHANGE PLANS | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO REDRILL OR REPAIR WELL | SUBSEQUENT REPORT OF REDRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

October 1, 1959

Well No. 4 is located 630 ft. from N line and 1930 ft. from E line of sec. 30
31W 14N 117E
 (4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Verde Valley San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5555 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pulled rods and tbg. Set rubber plug @ 3720'. Dumped 1 sack Calseal on top of plug from 3720-3712'. Perf. 4 jet shots from 2636-2637'. Squeezed perf. w/100 sz. reg. cement. Plug down 3 a.m. 9-16-59. WOC 24 hours. Re-squeezed perf. w/50 sz. reg. cement. Pumped in @ 1000 psi. WOC 24 hours. Job complete 2:30 a.m. 9-17-59. Re-squeezed perf. 2636-37' w/50 sz. reg. Job complete 3 a.m. 9-18-59. WOC 24 hours. Drilled out rubber plugs and cement at 2636'. Ran temperature survey. Top cement @ 3380' w/cement stringers @ 2600'. Ran 86 fts. 2" tbg. open end, set @ 2594'. Pumped through perf. w/2000 psi. Pressure leaked off at rate of 500 psi per minute. Pulled tbg. and ran 89 fts. 2" tbg. w/10000 retrievable squeeze packer set @ 2691' to test cng. Casing was leaking below packer through perforations at 3593-3595'. Re-set squeeze packer @ 3511' and squeezed perf. 3593-95' w/ 25 sz. reg. cement @ 3000 psi. Pumped 10 sz. cement into formation before squeeze. Pulled squeeze packer & reset @ 3595'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

(Over)

Company Three States Natural Gas Company

Address P. O. Box 67

Farmington, New Mexico

By Original Signed By John Carothers

Title Assistant District Supt.

could not pump through perforations 2696-971. Pressure leaked off from 2600 psi to 1100 psi in 15 minutes. Pulled 1/2" & packed. Pulled and swabbed hole dry to 2511' for dry test and after 30 hours was making 4 gallons of water per hour through part. 2696-971. Drilled cement from 2511-2510'. Pulled hole dry. Test for water. Lifting 4 gal. water per hour.

5-21-99 Test. w/water @ 2696 ft. v/2 jet holes. Run at 150. 2" w/baker returnable squeeze packer set @ 2540'. Squeezed part. 2696 ft. v/200 gal. Downall cement. Hard- run pressure 2600 psi. Job complete 11:20 p.m. 9-21-99. 400 8 hours.

9-22-99 Pulled tubing and packer. Swabbed well dry. Drilled cement to 2600'. Swabbed hole dry and run dry test for 6 hours. Run the v/packer set @ 2518' and squeezed part. 2594-95' w/100 gal. Downall cement w/2000 psi. Job complete 11:30 a.m. 9-22-99. 400 8 hours. Pulled the 6 packer. Swab well dry and test for water about 300/ Hydrostatic in dump faller. Pressured up to 2000 psi for 4 hours. Swabbed hole dry. Drilled hydrostatic from 2581-2605'. Run dry test for 6 hours. No water. Cleaned out from sand from 2603-2710'. Drilled downhole plug from 2710-2720'. Cleaned out to 2624'. Run 121 lbs. 2" MIN. log. 2697.34', set @ 2698', seating nipple set at 2668'. Run 146 3/4" x 25' rods, 87 - 3/4" x 25' plain rods, 99 - 3/4" x 25' scraper rods. 1 - 3/4" x 10' scraper rod and 1 - 3/4" x 2' scraper rod.

Released at 5 p.m. 9-29-99 and start well to pumping.

