



5 USGS
2 Anderson
1 File

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. NM - 053798
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|--|--|---|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| 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 RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY | X |
| NOTICE OF INTENTION TO ABANDON WELL | <u>Frac Information</u> | X |

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

May 15, 1962

Federal
Well No. 1 is located 1800 ft. from N line and 1830 ft. from E line of sec. 29

NW/4 SE/4 Sec. 29 31N 13W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin - Dakota San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground level ~~derrick floor~~ above sea level is 5578 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)

PBTD 6400' Picked up 218 jts 2 3/8" O.D. Tbg. Cleaned out to 6400' - pressure tested casing and B.O.P. w/4000 psi - held O.K. - Spotted 200 gal 10% MSA Acid - pulled tbg - Perf with Jet-Tech 2 super dyna jets per ft 6376-6384. Attempted to frac w/Halliburton 2 1/2 HT-400 trucks - broke down, 2700 psi, I.F. 3100 psi - shut down to repair leaks - resumed fracing. I.F. 4000 psi, Ave, Max, and Final 4000 psi - I.R. 8 B/M pumped in 4400 gal water - shut down - Perf 6318-6326, 6334 to 6342; frac w/2 1/2 HT400 trucks 20,000# 20-40 sd, 2000 gal water to breakdown 35,600 gal water to frac w/2 1/2# FR-2 per 1000 gal, 5460 gal water to flush. Breakdown 1500 psi, I.F. 3100 psi, Max. 3600 psi, Min. 3100 psi, Ave. 3300 psi Final 3500 psi, Instant shut in 1900 psi, 5 min. shut in 1050 psi, Ave. I.R. 27.6 B/M. Set Baker Mag bridge plug at 6305 - Perf w/2 super dyna jets per ft 6252-6262, 6272-6292, frac w/2 1/2 HT400 trucks 12,500# 20-40 sd, 1760 gal water to breakdown, (See reverse side)

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

Company Bruce Anderson & Beard Oil Co.Address 1007 N. DustinFarmington, New MexicoBy Original signed by T. A. DuganTitle Consulting Engineer

15,680 gal water to frac w/2 1/2# FR2 per 1000 gal, 900 gal water to flush. Breakdown 800 psi, I.F. 2850 psi, Ave. 3200 psi, Max. and Final 4000 psi - frac sanded off - Ave I.R. 27.3 B/M - flowed well back 30 min - flushed hole w/5500 gal water at 3400 psi. Perf w/2 super dyna jets per ft 6184 to 6202- Frac w/2 1/2 HT400 trucks, 37,500# 20-40 sd, 1110 gal water to breakdown, 41,200 gal water to frac, 1560 gal water to flush; breakdown 1100 psi, I.F. 2400 psi, Ave 3000 psi, Min 2400 psi, Max and Final 4000 psi. Frac sanded off on flush, Ave treating I.R. 34.3 B/M, Ave overall I.R. 32.5 B/M