

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR

J. Gregory Merrion & Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 790 FNL and 1450 FWL

AT TOP PROD. INTERVAL: same

AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) Drill to TD, log, cement, perforate & frac

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

7-12-79 Move in; prepare to spud.

7-13-79 Spud 9-3/4" hole to 44 ft., set 42 ft. 7-5/8" 26 4 lb. surface with 15 sacks. Drill out from under surface with 6 3/4" hole. Lost circulation @ 85 ft. Mixed lost circulation material and spot on bottom. Drilling ahead with 3/4 returns, improving steadily. Present depth 200 ft.

7-14-79 Drilling @ 500 ft.

7-16-79 Drilling @ 700 ft.

( continued )

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED

*Stuart L. Merrion*

TITLE

Engineer

DATE

August 20, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*nmoc*

- 7-17-79 Bottom 6-3/4" hole @ 900 ft. Condition hole, preparing to run 5-1/2" intermediate casing.
- 7-18-79 Ran 900 ft. 5-1/2" and set on Texas Pattern Shoe. Nipple up on 5-1/2" and unloaded hole with air. Preparing to air drill to TD.
- 7-19-79 Drilled out from under 5-1/2" casing with 4-3/4" bit. Air drilled to 1380 ft. Mudded up and drilled to 1420 ft., encountered 15 MCF/day gas flow in coal bed @ 1255-59 ft. Conditioning hole in preparation for logging.
- 7-20-79 Trip out with drill pipe. Rig up Bridwell and ran IES Induction compensated Density and Compensated Neutron logs. Lay down drill pipe. Work with 5-1/2" casing; unable to pull free. Shut down over night.
- 7-21-79 Circulated down between 5-1/2" casing and 7-5/8" casing and pulled 5-1/2" free. Tripped out with 5-1/2". Ran 60 jts. 2-7/8" EUE 6.5 lb. C-45 casing to 1410 ft. PBTD @ 1386 ft.
- 7-23-79 Rig up Dowell and cemented with 160 sacks class "H" with 2% D-79, 2% CACL<sub>2</sub> and 80 sacks class "H". Good returns. Circulated approximately 9 bbls. good cement to surface. Bumped plug at 10:15 am 7-21-79. WOCT.
- 8-09-79 Rig up Western States swab rig, Blue Jet, Western Co., ran Gamma Ray-Correlation log from 1374 to 800 ft. Pressure tested casing to 3700 PSIG, ok. Swab well to 1200 ft. Perforated 1337-43' per induction with 2 PF 2-1/8" glass jets. Swab well down. Making 25 MCF/day natural. Broke down perfs @ 1950 PSIG. Pumping in @ 4.5 BPM @ 650 PSIG. Well on vacuum at shut down. Swab back 12 bbls. load. Waiting on frac.
- 8-10-79 Rig up Western Co. and Newsco. Foam fracked Pictured Cliffs with 12,000 lbs. 20/40 sand, 76 bbls. water, 100,100 SCF N<sub>2</sub>. Average treating pressure 1750 PSIG @ 15 BPM injection rate. ISDP 1200 PSIG down to 850 PSIG in 10 minutes. Shut in 1 hour, opened on 1/2" choke, left blowing to clean up.
- 8-13-79 Well making 250 MCF/day on 3/4" plate. Flowing pressure 10 PSIG. Rig up to run siphon string. Run siphon string, hung @ 1340 ft. Shut in.