

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: 1850' FSL & 790' FEL  
AT TOP PROD. INTERVAL: same  
AT TOTAL DEPTH: same

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

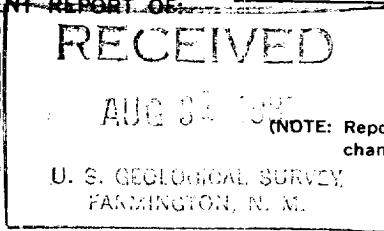
REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON\*

SUBSEQUENT REPORT OF:

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(other) log, run casing, cement, completion



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

See attached daily report summary.



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED [Signature] TITLE Engineer DATE August 27, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NMOCC

BY SAM

MERRION & BAYLESS  
PONCA #3  
1850' FSL & 790' FEL  
Section 19, T23N, R4W  
Sandoval County, New Mexico  
Jicarilla Contract 45



DAILY REPORT

- 5-26-81 Moved in, rigged up James Drilling Co. 5-25-81. Spudded 9-7/8" hole to 120 ft. and set 112 ft. of 7", 23# surface casing with 60 sx cement. WOC.
- 5-27-81 Drilling @ 1550 ft. Vis. 32, weight 8.9.
- 5-28-81 Drilling @ 2275 ft. Vis. 33, weight 9.0, water loss 7.0. Bit #6.
- 5-29-81 TD @ 2525' K.B. Trip out. Rig up Birdwell. Log stop @ 920'. Round trip drill pipe, condition hole. Log stop @ 1030'. Round trip drill pipe. Log stop @ 1100'. Round trip drill pipe, raise viscosity. (SSD)
- 5-30-81 Ran IES Induction log from TD -- 2520' to surface. Lay down drill pipe. Ran 81 jts of 2-7/8" casing per tally. Landed @ 2516' K.B. PBD @ 2500'. Rig up National Cementers. Cemented casing w/ 150 sx Class 'B' econofil, tail in w/ 50 sx Class 'H' 2% gel. Lost circulation half way through mixing. Displaced plug w/ 250 gal. 7-1/2% acetic and 8.5 bbls sugar water. Bumped plug @ 7:35 p.m. Held okay. WOCT. (SSD)
- 5-31-81 Rig up Wilson Services Co. Ran temperature survey. PBD 2487', TOC 1850'. (SSD)
- 6-08-81 Rig up Cementers Inc. Pressure tested casing to 3500 PSIG. Held steady @ 3500 for 15 minutes. Rigged up B & H Service and Blue Jet. Ran correlation log from PBD to 1900'. SDON (JCA)
- 06-09-81 Perforated Pictured Cliffs 2394-2406' w/ 2 PF - 2-1/8" glass jets, .43" holes. Swabbed well down. Gas rate - TSTM. Swabbed well w/ no recovery. Left open. (SSD)
- 6-11-81 Well open. Gas TSTM. Shut-in. (SSD)
- 6-15-81 SIP - 215 PSIG. Blew down. Install orifice tester. Rate - TSTM on 1/8" plate. (SSD)
- 06-26-81 SIP/205/PSIG, blew down. Rig up BPH swab rig, Western Co., did ball off w/ 250 gals. 15% HCL and 37 balls. No ball action observed. Swabbed back 40 Bbls of load oil. Shut-in. (SSD)
- 07-02-81 Put on test on 1/4" plate. (SSD)
- 07-03-81 Took off test. After 21.5 hrs. producing made gas @ rate of <sup>70</sup> MCF/day. (SSD)
- 07-07-81 Shut-In pressure - 584 PSIG. (SSD)

- 07-24-81 Rig up Western Co. to frack well with slick water with 2-1/2 lbs. Fr-2 per 1000 gal., 1/4 gal. per 1000 X-Cide, 1% KCL, last 10,000 gal 1/2 gal per 1000 foaming agent. Start frac. - 4000 gal pad, 5000 gal 1#/gal 10/20 sand 28,000gal 1-1/4 #/gal 10/20 sand. 590 gal flush total sand 40,000 lbs 10/20 sand; Total water 37,590; average treating pressure 1300; average inj. rate 21 BPM; I.S.D.P. 250; final shut in pressure, After 10 minutes 200 lbs; opened well after 45 minutes to recover load. Left well open to atmosphere. (CCM)
- 08-04-81 Move in. Rig up B & H service Co. Open to atmosphere. Well dead. SDON (JCA)
- 08-05-81 Swab 4 runs off bottom. Fluid @ 75'. Blew well to pit 2 hours. Shut in 1 hour. Opened to atmosphere. Left blowing. Making an estimated 700 MCF/day and unloading lots of soapy fluid. Rigged down. Moved off. (JCA)
- 08-11-81 17# PSIG, 1/2" plate, 159 MCF/day, med. spray water. (SSD)
- 08-17-81 SIP @7 days - 595 PSIG. Put on 3 hour test; at end of test making 445 MCF/day on 3/4" plate. Medium spray salt water. (SSD)

