

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 507 Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 790' FSL + 990' FWL  
AT TOP PROD. INTERVAL: same  
AT TOTAL DEPTH: same

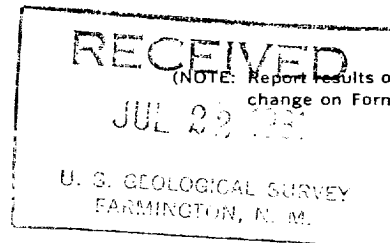
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

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

SUBSEQUENT REPORT OF:

☐  
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5. LEASE  
SF 078874

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Canyon Largo

8. FARM OR LEASE NAME  
Canyon Largo Unit

9. WELL NO.  
301

10. FIELD OR WILDCAT NAME  
Devils Fork Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 4, T-24N, R6W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6470' GL, 6483 KB

BLM RECEIVED  
FARMINGTON

AUG 4 1981

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



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

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

SIGNED J. Gregory Merrion TITLE Co-Owner DATE July 20, 1981

(This space for Federal or State office use)

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

JUL 24 1981

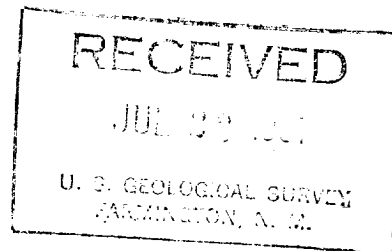
\*See Instructions on Reverse Side

NMOCC

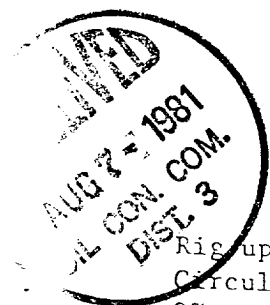
RECEIVED  
BLM BAIL ROOM  
JUL 28 9 23 AM '81  
STATE OF TEXAS  
SANTA FE, N. MEX

MERADON & BAYLESS  
CANYON LARGO UNIT #301  
790 FSL & 990 FWL  
Section 4, T24N, R6W  
Rio Arriba County, New Mexico  
SF-078874

DAILY REPORT



- 3-30-81 Move in, rig up Bayless Drilling rig #5. (RLB)
- 3-31-81 Spudded 12-1/4" hole to 210 ft. Set 196' of 8-5/8", 28#, J-55 surface casing @ 210 ft. with 185 sx cement. Plug down @ 11:30 p.m. 3-30-81 (RLB).
- 4-01-81 Drilling @ 1800 ft. Weight 9.0, vis. 34, water loss 8.0.
- 4-02-81 Drilling @ 2967 ft. Weight 9.0, vis. 34, water loss 5.5.
- 4-03-81 Drilling @ 3800 ft. Weight 9.0, vis. 34, water loss 5.5. (bit #3)
- 4-04-81 Drilling @ 4501 ft. Weight 9.1, vis. 35, water loss 6.5.
- 4-05-81 Drilling @ 4950 ft.
- 4-06-81 Drilling @ 5390 ft. Weight 9.1, vis. 36, water loss 6.5.
- 4-07-81 T.D. @ 5700'. Trip out w/ drill pipe. Rig up Birdwell. Unable to go below 470' because of bridges. Trip in w/ drill pipe to 2100 ft. Knock out bridges. Trip out still dragging tightly, so trip in again to 2100' and back out. Ran log to 2246' unable to get past bridge.. (SSD)
- 4-08-81 Trip in w/ drill pipe to bottom had 10' fill on bottom. Did not circulate. Trip out. Logging tool went to bottom. Ran IES Induction, and 3-D velocity logs. Trip in w/ drill pipe. Laying down drill pipe. (SSD)
- 4-09-81 Finish laying down drill pipe. Rig up San Juan Casing Service. Ran 137 jts. 4-1/2" as follows:
- |                           | <u>LENGTH</u> | <u>DEPTH</u> |
|---------------------------|---------------|--------------|
| Shoe                      | 1'            | 5699.00      |
| 1 shoe joint              | 41.86'        | 5698.00      |
| Float collar              | 1.7'          | 5656.14      |
| 27 jts. 4-1/2" 10.5 #/ft. | 1111.42'      | 5654.44      |
| Stage tool                | 1.7'          | 4543.02      |
| 109 jts. 4-1/2" 10.5#/ft. | 4561.81'      | 4541.32      |
- Rig up Dowell and cemented 1st stage w/ 175 sx Class 'H' 2% gel, good circulation. Circulated 3-1/2 hrs. between stages. Cemented 2nd stage w/ 550 sx Class 'B' 2% D-79 tail in w/ 100 sx Class 'H' 2% gel. Good circulation. Bumped plug @ 9:30 p.m. 4-8-81. Nipple down. Cut off casing. WOCT. (SSD)
- 05-05-81 Rig up Western. Pressure tested to 4000 psig. Held Okay for 10 minutes. (SSD)
- 06-11-81 MIRU Install tubing head and BOP's pick up 203/8 tubing w/ 3-7/8" bit & scraper trip in & drill out stage too, @ 4541 KB. Pressure test, pressure up to 3500 Pressure, dropped to 0 PSI while pumping 2 bbls per minute. Trip out of the hole. SDON (CCM)



- 06-12-81 Nippled down BOP'x and wellhead, tried to pull casing. Could not move it. Nipple up and ran tension packer, found hole between 9th and 10th joint of tubing. Came out of hole. Pulled 120 thousand lbs on casing to release slips from Braden head. SDON (CCM)
- 06-13-81 Rigged up Brand X Wireline. Backed off casing @357' ran Freepoint Indicator & free point was at 357', 1 joint below split joint. Ran 10 stands and set packer below back off joint. Unscrewed casing at freepoint & pulled 8 joints of 4-1/2, split was the 7th joint. Replaced split joint of joint below it. Ran 4-1/2 casing back in & screwed back on to casing in the hole. Pulled packer out & went in w/ tubing, biy & scraper. Cleaned out to PBD. 5654 KB & raised bit to 5630 KB & pressure test to 4000 held good for 10 minutes. SDOWE (CCM)
- 06-15-81 Western Co. ran gel plug & swept hole 2/ oil. Spotted 250 gal. 15% HCL & trip tubing out. (Release Western) Blue Jet ran gamma ray correlation log 5646-5200 & 4100-4600 also ran temperature survey base log from 5646-4900, perforated 17 holes size .34". Select fire per Induction Log as follows: 5409, 5421, 5429, 5433, 5437, 5446, 5474, 5478, 5491, 5495, 5499, 5518, 5606, 5610, 5612, 5614, 5622. Went in w/ Baker Service Tools straddle packers & collar locator. Broke down first 4 settings routinely. SDON (CCM)
- 06-16-81 Finish breaking down perforations. Rig up Western Co. to frac. Fracked well w/ 74760 Maxi - 0 - 74. gel oil 87 bbl lease oil flush 162,750 lbs 20/40 sand, 32,000 lbs. 10/20 sand. Average injection rate 28 BPM; average pressure 2300 PSIG. ISDP 1800 PSIG, bled to 1600 lbs in 10 minutes Blue Jet ran temperature survey, Shut in. (CCM)
- 06-17-81 Overnight shut in pressure 50 PSI, opened well to rig pit. Flowed back less than 1/2 bbl. Ran depthometer, showed no fill. Ran production string buttoned up & pumped out plug. Well took plug on vaccum, casing also went on vaccum, made 6 swab runs & made 18.5 bbls. casing was dead after tubing swabbed down & was still on a vaccum. SDON (CCM)
- 06-18-81 Ran sinker bars down into seating nipple to make sure seating nipple was clear of pump out plug. Pumped down the tubing & established circulation w/ 60 bbl. Lost 10 bbls in 15 minutes circulating time. Tubing & casing both on slight vaccum. Swabbed tubing dry 17 bbls in 5 runs. Still on slight vaccum. Pulled tubing & ran Baker Model R packer & seating nipple on tubing. Ran packer to 5350 & pressure tested down, backside to 3,000 PSI held fine for 10 minutes. Unset packer ran down to 5561, set packer made 1 swab run. SDON (CCM)
- 06-19-81 Morning pressure-tubing on slight vaccum casing was dead. Started swabbing, well made 15 bbls on 2nd swab run, 7 bbls on the pull & flowed 8 bbls. Died off in 20 minutes made 2 more swab runs. Made 2.5 bbl per run, gas & slugs of oil. Would die off 10 minutes after each run. Made 3 runs from seating nipple, 3 bbls per run. & small increase in gas. Unset packer, well started flowing through tubing, pressure on backside started building to 25 PSI. Well made 70 bbls first hour. 33 bbls second hour - now 175 PSI on casing. Let flow to frac tanks over night. SDON (CCM)
- 06-20-81 275 PSI casing, 100 PSI tubing field estimate of gas 1/2 million w/ heavy spray of oil. Made 300 bbls. oil overnight. 18 bbl per hour. Killed well tripped packer out & ran production string. Consisting of mud anchor, perforated nipple, seating nipple. Pum out plug. 176 joints 2-3/8 8 round tubing. Set and flange up well head 5605.2 KC RDMO (CCM)

