

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.)

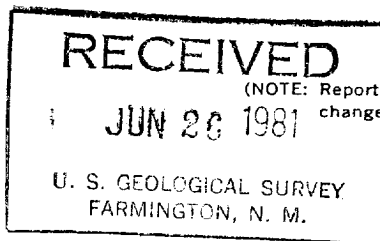
1. oil ☒ well ☐ gas well ☐ other
2. NAME OF OPERATOR
J. Gregory Merrion & Robert L. Bayless
3. ADDRESS OF OPERATOR
P. O. Box 507, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FSL & 1650' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK 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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☐
☐
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☐
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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.
302
10. FIELD OR WILDCAT NAME
Devils Fork Gallup
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T24N, R6W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6391 GL

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 [Signature] TITLE Co-Owner DATE 6-25-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE JUL 2 1981

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

BY [Signature]

MERRION & BAYLESS
CANYON LARGO UNIT #302
1830' FSL & 1650' FEL
Section 3, T24N, R6W
Rio Arriba County, New Mexico
SF-078874

DAILY REPORT

- 4-09-81 Move in, rig up Bayless Drilling rig #5.
- 4-10-81 Spudded 12-1/4" hole to 204 ft. Set 191 ft. of 8-5/8", K-55, 28# used casing @ 204 ft. with 185 sx cement 2% CACL₂. Plugged down @ 6:30 p.m. 4-9-81. WOC.
- 4-11-81 Drilling @ 900 ft.
- 4-12-81 Drilling @ 2200 ft.
- 4-13-81 Drilling @ 3235 ft. Weight 8.9, vis. 35, water loss 6.4.
- 4-14-81 Drilling @ 4022 ft. Weight 9.0, vis. 35, water loss 6.2.
- 4-15-81 Drilling @ 4485 ft. Weight 9.1, vis. 38, water loss 6.0.
- 4-16-81 Drilling @ 5107 ft. Weight 9.1, vis. 36, water loss 6.4.
- 4-17-81 T. D. @ 5675 ft. Conditioning hole for logs. (SSD)
- 4-18-81 Trip out for logs. Rig up Birdwell. Unable to get below 517'. Trip to bottom w/ drill pipe. No fill. Trip out. Log stopped @ 907'. Trip in w/ drill pipe to T.D., no fill. Circulated for 3 hrs. and raised mud viscosity. Trip out. Logs went to bottom. Birdwell ran IES Induction and 3-D velocity logs. (SSD)
- 4-19-81 Completed logging. Trip in to lay down drill pipe. Thinned mud back to 55 sec. viscosity and trip out laying down. Ran 4-1/2", 10.5# csg. as follows:
- | | LENGTH | DEPTH TALLY | DEPTH K.B. |
|----------------------------|----------|-------------|------------|
| 108 jts. 4-1/2" 10.5# K-55 | 4521.74' | 4521.74' | 4491.74' |
| 1 stage collar | 1.70 | 4523.44 | 4493.44 |
| 27 jts., 4-1/2" 10.5# K-55 | 1138.73 | 5662.17 | 5632.17 |
| 1 float collar | 1.70 | 5663.87 | 5633.87 |
| 1 jt. 4-1/2" 10.5# K-55 | 42.15 | 5704.32 | 5674.32 |
| 1 casing shoe | 1.0 | 5705.32 | 5675.32 |
- Rigged up Dowell and cemented 1st stage w/ 175 sx. Class 'H' 2% gel, yeild 1.22 ft.³/sx. Good circulation. Top of cement @ 4920' Bumped plug, held ok. Opened stage tool @ 4493' and circulated 4 hrs. (SSD)
- 4-20-81 Cemented 2nd stage w/ 550 sx Class 'B' 2% D-79 followed by 100 sx Class 'H' 2% gel. Good circulation. Returned trace of cement back to surface. Plug down @ 1200 hrs. 4-19-81. WOCT. Move rig. (SSD)
- 05-05-81 Rig up Western. Pressure tested to 400 psig. Held Okay for 10 minutes. (SSD)



- 05-30-81 Move in Bayless rig #6. Pick up 2" EUE tubing w/ 3-7/8" Smith bit and Baker casing scraper. Drilled out stage collar @ 4492', cleaned out to float collar @ 5630', raised tubing to 5600' to sweep hole. SDON (CCM)
- 06-01-81 Swept hole with gel plug. Reverse water from hole w/ oil. Spot 250 gal. HCL from 5600-5225'. Pulled tubing and ran Bluejet gamma ray log from 5629-5200'. Perforated 17 holes, 0.34" as follows: 5588, 5584, 5580, 5488, 5476, 5468, 5464, 5460, 5448, 5444, 5434, 5424, 5405, 5401, 5397, 5388, 5382, per induction log. Ran 2" tubing w/ straddle packer & were unable to break down. SDON. (CCM)
- 06-02-81 Pull packers off bottom. Hung up, pulled free. Broke down holes @ 5588', 5584, 5580 per induction log. Unable to break down any more, communicating. Set packers in blank pipe, did not hold, communicated. Broke down upper 14 holes down casing. Pumped in 3.3 BPM @ 2600 psi, indicate 2 holes open. Tripped out with packers. Packers torn up, perf. nipple plugged. Waited on packers from town. Ran new bottom packer, redressed upper perf. Trip in and spotted 250 gals. 15% HCL acid; set on perf @ 5488'. Broke down. Set on next perf, unable to break down, communicated. Set 4 more times, still communicated. Set packers in blank pipe, communicated. Pulled above acid. SDON. (SSD)
- 06-03-81 Set packers in blank pipe. Pressure backside to 500 PSIG, communicated. Released packers, circulated 15 min., reset packers. Pressured backside to 1000 PSIG. Pressure to 3000 psi tubing, held ok. Set on all remaining holes except 5424 and broke down w/ 1000 psi on backside. Still communicated above 2500 PSIG on tubing, but able to pump in at stable rate with higher pressure on tubing than on backside. Trip out w/ packers. SDON. (SSD)
- 06-04-81 Rig up Western. Started pad, well locked up w/ 90 bbls in. Shut down. Flowed well back and ran globe basket on sand line. Recovered rubber from straddle packers. Rig up Bluejet, ran junk basket. Recovered more rubber. Gelled up additional oil. Started frac over. Fracked well w/ 1984 bbls. Maxi-O 74 gel oil and 150,000 lbs. 20/40 sand, 28,000 lbs. 10/20 sand. Avg. injection rate 25 BPM; avg. pressure 2300 PSIG; ISDP 1700 PSIG, bled to 1450 in 10 minutes. Shut in. (SSD)
- 06-05-81 800 lbs. on casing after shut in overnight after frac. Flowed well to rig pit. Flowed back 80 bbls in 30 min., then leveled off to steady 2" stream. Ran depthometer to 5626' - no fill. Ran in production string, mud anchor, perf nipple & seating nipple. Ran tubing to bottom to check for fill, found 11' fill. Pulled tubing and set at 5356' K.B. and flanged up wellhead. Pumped out plug and well came back around the tubing. Flowed well for 15 min. and shut in. Rig down, move off. (CCM)
- 06-15-81 Produced 1606 barrel load oil in 10 days. Now producing at rate of 126 BOPD on 15/64" choke. TP/CP 200/400, 548 bbls load oil yet to recover.