

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 ☒ gas ☐
well 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 & 1850' FWL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

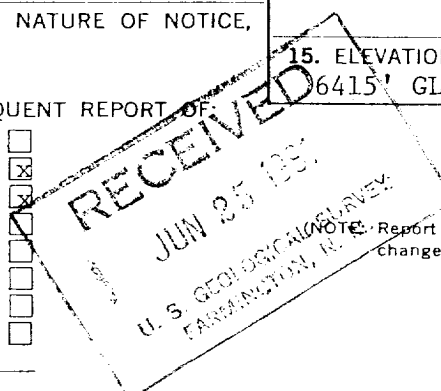
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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) Spud thru Completion

SUBSEQUENT REPORT OF:

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5. LEASE
SF-078877
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Canyon Largo Unit
9. WELL NO.
304
10. FIELD OR WILDCAT NAME
Devils Fork Gallup
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T24N, R6W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
N.M.
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6415' GL

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.)*

Drilling and completion operations per attached daily report.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Robert L. Bayless Co-Owner DATE June 24, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

JUL 1 1981

NMOCC

MERRION & BAYLESS
CANYON LARGO UNIT #304
790 FNL & 1850 FWL
Section 11, T24N, R6W
Rio Arriba County, New Mexico
SF-078877

DAILY REPORT

4-20-81 Moved in rigged up Bayless Drilling rig #5. Spudded 12-1/4" hole to 203 ft. Set 190 ft. of 8-5/8", K-55, 28# used casing @ 203 ft. with 180 sx cement 2% CACL₂. Plugged down @ 3:30 a.m. 4-20-81. WOC.

4-21-81 Drilling @ 1723 ft. Weight 8.4, vis. 37, water loss 4.2.

4-22-81 Drilling @ 2904 ft. Weight 8.8, vis. 32, water loss 7.0.

4-23-81 Drilling @ 3570 ft. Weight 9.0, vis. 35, water loss 5.8.

4-24-81 Circulating @ 4230 ft. Preparing to trip. Weight 9.2, vis. 36, water loss 6.4.

4-25-81 Drilling @ 4655 ft. Weight 9.2, vis. 38, water loss 6.0.

4-26-81 Drilling @ 5210 ft. Weight 9.1, vis. 34, water loss 7.0.

4-27-81 Drilling @ 5690 ft. Weight 9.2, vis. 37, water loss 6.0.

4-28-81 TD @ 5700. Condition hole. Short trip and trip out for logs. Rig up Birdwell. Ran ~~IES~~ induction and 3-D velocity logs. Trip in with drill pipe. Thin back mud. Trip out laying down drill pipe. (SSD)

4-29-81 Ran 4-1/2" 10.5 lb/ft k-55 R-3 casing as follows:

	<u>LENGTH</u>	<u>KB DEPTH</u>
108 Jts 4-1/2" CSG.	4529.57	4509.57
Stage Tool	1.70	4511.27
27 Jts 4-1/2" CSG.	1134.92	5646.19
Float Collar	1.70	5647.89
Shoe Joint	42.20	5690.09
Shoe	1.00	5691.09

Rig up National Cementers and cemented 1st stage with 175 sx class 'H' with 2% Gel. Good circulation. PBTD @ 5646' KB. Top of cement @ 4900' (calculated). Circulated 4 hours between stages. Cemented 2nd stage with 550 sx Econofil, tail with 100 sx class 'H' 2% Gel. Good circulation throughout job. Top of cement @ 700 (temp. survey) Plug down @ 5:15 PM. WOCT. (SSD)

05-05-81 Rig up Western. Pressure tested to 4000 psig. Held Okay for 10 minutes. (SSD)

05-26-81 Move in, rig up Bayless Rig #6. Trip in w/ bit, casing scrapper, and 2-3/8" tubing to stage tool @ 4510' K.B. Drilled out stage tool. Trip to bottom, cleaned out to 5648' K.B. Pressure tested casing to 4000 PSIG, held ok. Picked up to 5610' K.B. and shut down over night. (SSD)



5-27-81 Rig up Western. Swept hole w/ 23# gel plug and loaded hole w/ crude oil. Spotted 250 gal. 15% HCL on bottom. Released Western. Trip out w/ tubing & bit. Rig up Go International. Ran Gamma Ray Correlation log from PBD - 5648' to 5200'. Perforated select fire holes as follows: 5380, 5385, 5392, 5404, 5408, 5412, 5421, 5445, 5448, 5463, 5466, 5469, 5478, 5489, 5492, 5583, 5586, 5590, 5595, 5600 per induction log. Total 20 holes, .34". Rig up Baker straddle packers, trip in. Straddle packed perfs. SDON. (SSD)

5-28-81 Trip out w/ straddle packers. Rig up Western Co. Fraced Gallup w/ 1873 bbls Maxi=0 74 gelled oil w/ fluid loss control and 150,000 lbs 20/40 sand and 28,000 lbs 10/20 sand. Avg. rate - 33 BPM, avg. pressure - 2200 PSIG, LSDP - 1550 PSIG, down to 1350 in 10 min. Shut in. (SSD)

5-29-81 SIP - 575 PSIG - flowed well back. Ran sinker bar w/ depthometer and found no fill. Ran mud anchor, perf. nipple, seating nipple w/ pump-out plug and 169 jts. 2-3/8" EUE tubing as follows:

Mud Anchor	31.60 (orange peeled)
Perf nipple	4.0
Seating nipple	1.0
169 jts tubing	5330.9
K.B. Adjustment	<u>11.0</u>

Landed Depth 5378.50' K.B.

Nipple up wellhead. Pumped out plug. Flowed well to frac tank while rigging down. Shut in well. (SSD)

5-30-81 Move off. (SSD)

06-15-81 Produced 1564 bbls load oil in 16 days. Now flowing at rate of 89 BOPD, TP/CP 150/220 467 bbls load oil to recover.