

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: 1685' FSL & 3335' 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) Re-entry ☒

SUBSEQUENT REPORT OF:

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X

5. LEASE  
MOO-C-1420-1706

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Mountain

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Ute

9. WELL NO.  
7

10. FIELD OR WILDCAT NAME  
Barker Dome Paradox

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 19, T32N, R14W

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6526 G.L.

(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 PAGES 5 & 6.

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DURANGO, COLO.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED John L. Merrion TITLE Engineer

DATE October 31, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

- 10-16-79 SIP 500 PSIG. Fluid level @ 1400 ft. Swabbed all day. Well making estimated 1 MMCF behind swab dieing to 100 MCF in 10-15 minutes where holds steady. Last two runs gas and water both decreased. Shut in. (See swab report) (SSD)
- 10-17-79 Found 400 PSIG on tubing. Slight pressure on casing. Filled casing w/ 105 bbls water. Fluid level @ 1515 ft. Released mod 'R' packer and trip out of hole; packer ok. Rig up Blue Jet and perforated 8374-88 per TDT-K Log w/ 2 PF 3-1/2" glass jets .500" hole 28 holes. Rig up Baker mod 'R' packer and mod 'C' bridge plug. Run in hole 30 stands. Drop standing valve and pressure up to 3500 PSIG. Held ok, ran 30 more stands pressured to 3500 PSIG. Bled to 3000 in 5 minutes. SDON. (SSD)
- 10-18-79 Found 600 PSIG on tubing. Unable to blow down. Pumped 215 bbls H<sub>2</sub>O down backside and finally blew down. Making sweet gas. Trip out to remove standing valve, unable to fish. Start in hole w/ packer and bridge plug. Left backside open over night. (SSD)
- 10-19-79 Well making 70 MCF/day sweet gas, no water. Install tubing disc and ran tubing to 90.5 stands in. Disc broke and tubing started flowing. Made up stabbing valve, shut in. Set bridge plug @ 5590' K.B. Blew tubing and casing down immediately. Set mod 'R' packer @ 5558' K.B. Tubing dead, casing making slight blow sweet gas. Rig up Dowell and pumped into tubing 5.5 BPM @ 1000 PSIG for 25 bbls. Shut down and loaded backside. Reset bridge plug @ 5560 ft. and packer @ 5530 ft. Pressure to 5500 PSIG; held okay. Still gassing out of casing. Move bridge plug to 8830 ft. packer to 8430 ft. Pressure to 5500 PSIG. Lost 2500 lbs in one minute. Reset bridge plug to 8468 ft. and packer to 8430 ft. Pumped in and communicated @ 2000 PSIG and 3 BPM. Reset packer to 8460 ft. Pressured to 5500 PSIG bled 2000 lbs in 1 minute. Comm. to surface. Reset bridge plug @ 132 stands and packer @ 131.5 stands. Pressured to 5500. Lost 2500 PSIG in one minute. Drop standing valve. Pressure to 5500 PSIG; lost 2500 PSIG in one min. Pressure to 5800 PSIG and opened hole in tubing. SDON. (SSD)
- 10-20-79 Slight blow on casing. Tubing dead. Pull tubing and found hole in 45 stand (2777 ft.) Body split. Trip out, prepare to hydrotest. SDOWE. (SSD)
- 10-22-79 Rig up Farmington Well Service hydrotest truck. Blow well down. Hydrotested 61 joints to 6000 PSIG, ok. Blew test packers out of tubing and unloaded water with gas. Kill tubing and inserted tubing disc. Trip in to bridge plug, retrieved bridge plug. Moved bridge plug to 8499' K.B. Had trouble releasing plug. Moved model 'R' packer to 8242' K.B. and set. Tubing started unloading immediately. Ran sinker bar to 8250' K.B. Unable to go deeper, indicating bridge plug still under packer. SDON. (SSD)
- 10-23-79 Shut in pressure tubing - 1500 PSIG, casing 1300 PSIG. Waited 4 hours for backhoe to build blooey pit. Had leaking nipple in wellhead. Blew tubing and casing down in one hour. Replaced leaking nipple and Baker locked it in place. Shut in casing and blew tubing. Unloaded rotten salty water and sweet gas w/ 2-5% oil for 1 hour then loaded up. Ran swab and kicked off flowing. Making estimated average 350 MCF/day. Left casing and tubing blowing overnight. (SSD)

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- 10-24-79 Well making est. 400 MCF/day plus spray of salt water and condensate. Killed well, unseated packer. Backside took 130 bbls. to fill and communicated freely with packer set. Considerable condensate in backside and emulsified with water. BlueJet set Baker model 'D' packer (3-1/4 with expendable plug @ 8790 (top of plug 8788). Ran 2 stds tail pipe - 123.4'; model 'R' packer - 7.0; SN w/ Alum. plug - 1.0; 28 sds 2-7/8" tubing - 1727.6'. Shut down for night. (JGM)
- 10-25-79 Hydrotest tubing to 6000 PSIG and trip in with model 'R' packer. Found one loose collar and pin hole in one joint 2000' from top of string; reversed hole to clean backside. Set model 'R' at 8242' K.B. Swab once and communicated. Reset model 'R' one stand higher and communicated. Reset model 'R' below perfs and pumped in tubing. Unable to pressure up. Preparing to pull packer. (JGM & SSD)
- 10-26-79 Trip out with model 'R' packer. Found packing element missing. Trip in with retrievamatic packer and set @ 8242 ft. K.B. with tailpipe to 8365' K.B. Swab well down and making est. 100 MCF/day sweet gas with little green oil. (SSD)
- 10-27-79 SIP 1900 PSIG tubing; dead casing. Found fluid @ 8000 ft.; swabbed once, recovered 20 gal. green oil. Rig up WEstern and acid fraced Penn. with 3500 gal. 15% HCL with 2 gal/1000 I-15 inhibitor, 5 pound/1000 FR-16 friction reducer, 25 pound/1000 XR-2 iron stabilizer. Average rate 7.5 BPM @ 3600 PSIG. Communicated to annulus @ 1/2 BPM with 3000 gal. gone. Overflushed w/ 3 bbls. ISDP - 3600 PSIG. Blew well down and swabbed in with 7 runs. After 6 hours flowing making est. 1.5 MMCF/D sweet gas and heavy flow fresh water w/ condensate. Left blowing. (SSD)
- 10-28-79 Tubing making est. 15 MCF/day, annulus est. 25 MCF/day. Unloaded est. 300 bbls. acid cut fresh water overnight. Shut in. (SSD)
- 10-29-79 Found 120 PSIG on tubing, 100 PSIG on casing. Blew well down. Released packer and circulated hole with water and adomal bactericide. Started out with tubing. SDON. (SSD)
- 10-30-79 Finished trip out. Rig down for repairs on quick release valve. Found hole in 21st stand above packer. Retrievamatic packer looked to be in good shape. Picked up model 'R' packer; ran seating nipple and 4 stands tubing, then packer to 6484' K.B. Set packer and made 4 swab runs. SDON. (SSD)

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