

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 ☒ other ☐
well well

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: 2300 FNL and 750 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:

SUBSEQUENT REPORT OF:

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

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5. LEASE
NM 04073

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hill

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Blanco Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30, T26N, R2W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N.M.

14. API NO.
30-039-21851

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7447' 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.)*

01-02-79 Moved in completion rig and rigged up on 12-30-78; shut down for holiday.

01-03-79 Picked up 2-3/8" tubing; drilled stage collar; pressure tested casing to 3500 PSI and held okay.

01-04-79 Schlumberger Well Servicing ran CNL-Collar Log. Blue Jet perforated .032 holes at 6144', 6011', 6009', 5938', 5936', 5924', 5922', 5881', 5868', 5833', 5829', 5817', 5812', 5801', 5796', 5759', 5741', 5738', 5713', and 5710'. Western Co. broke down formation and pumped 1000 gal. acid with 40 ball sealers and flush with 110 bbls. slick water to achieve complete balloff at 3500 PSI after pumping at 19 BPM at 1200 PSI. Ran junk basket on sand line and recovered 35 ball sealers, 20 with marks indicating all holes open.

(continued)

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

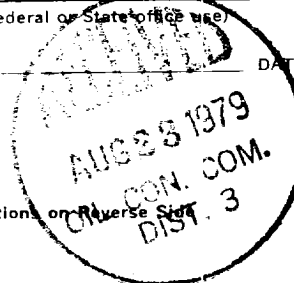
18. I hereby certify that the foregoing is true and correct

SIGNED Steven J. Merrion TITLE Engineer DATE August 20, 1979

(This space for Federal or State office use)

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

*See Instructions on Reverse Side



01-04-79, continued:

Western Co. fracked first stage with 25,600 gal. pad of slick water and 33,000 gal. slick water with 1#/gal. of 20/40 sand. Injection rate 42 BPM at 2700 PSI. ISIP - 900 PSI bled to 800 PSI in 15 minutes. Blue Jet set Baker wireline retrievable BP at 5680' KB. Western Co. pressure tested BP to 3500 PSI - okay. Dumped 5 gal. sand on plug. Perforated 0.43 holes at 5647', 5645', 5643', 5641', 5639', 5630', 5628', 5611', 5609', 5606', 5603', and 5600'. Western Co. established standing pressure of 600 PSI. Then pumped in at 37 BPM at 3000 PSI indicating 7 holes open. Shut down and pumped 1000 gal. 15% HCL acid and 24 ball sealers and pumped in and flushed with 90 bbls. slick water to complete balloff at 3500 PSI. Ran junk basket on sand line and recovered 6 ball sealers with marks. Fracked second stage with 11,500 gal. slick water followed by 22,000 gal. slick water with 1#/gal. 20/40 sand and flush with 90 bbls. slick water. Injection rate: 40 BPM at 3000 PSI; ISIP 750 PSI bled to 600 PSI in 15 minutes. Shut well in.

- 01-05-79 Open well, no pressure, est. fluid level 200-300 ft. from surface. Ran sandline and found fill @ 5640 ft. KB. From earlier flag determined junk basket was down to bridge plug after balloff job. Ran in hole with saw tooth collar and seating nipple to clean out. Tagged fill @ 5641 ft. KB by tally. Will clean out to bridge plug. Cleaned out to 5679 ft. KB. Ran out of water. Lost 40 bbls. to fill hole and perms. Rig up to swab well flowing back a small stream. Swabbed 85 bbls. Well making a little gas with run. No blow after run. Shut in.
- 01-08-79 Open well, no pressure. Finished circulating down to bridge plug @ 5680 ft. KB. Recovered 6 ball sealers. Three indicated perforation marks. Total 9 holes open on balloff by ball sealers. Trip out break off saw tooth and rig up retrieving head, 4-1/2" model "R" packer with hydrostatic holdown and Baker mechanical collar locator. Trip in. Pick up and find collar @ 5631 ft. KB, from this point pick up 2 ft. and set packer @ 5635 ft. KB. LD backside pump in tubing. Communication indicated, moved packer to 5620 ft. KB. Pump in tubing. Communication indicated. Move packer to 5545 ft. KB, set. Pump in tubing. No communication. Pressure up backside to 500 PSIG. Held okay. Indicated communication behind pipe in Cliffhouse. Shut in.
- 01-09-79 Circulated down onto bridge plug. Released plug. Set Model "R" @ 5670 ft. KB. Pumped into Cliffhouse. No communication indicated on tubing between Cliffhouse and Menefee.
- 01-10-79 Cleaned out to 6165 ft. KB, 45 ft. of fill. Trip out laying down 2-3/8". Rig up, ran 2000 ft. 2-1/16" hydril tubing. SDON.
- 01-11-79 Ran 2-1/16" to 6146 ft. KB. Rig up and swabbing to kick off. Swabbed est. 70 bbls. SDON.
- 01-12-79 Swabbing est. 140 bbls. Shut down for weather until Monday.
- 01-15-79 Well had 20 PSIG on casing. Fluid level @ 400 ft. Made 10 runs and dropped fluid level to 2000 ft. where it is holding level. Rig down, move off completion rig.

01-16-79 Swabbed until noon; increasing gas but did not kick off. Moving completion rig out. Waiting on orders.

01-18-79 Moved in swabbing unit and commenced swabbing.

01-19-79 Swabbing; casing pressure up to 450 lbs. Well still not kicked off.

01-20-79 Swabbing; well did not kick off.

01-22-79 Swabbing; well has not kicked off. Casing pressure @ 1440 lbs.

01-23-79 Swabbed 10 runs. Swab operator had flu; shut down. Casing pressure 1620 PSIG. Well gassing but not kicked off.

01-24-79 Well kicked off at 10:00 a.m. Flowing heavy water with gas.

01-25-79 After 30 hours, well flowing est. 1500 MCF with very heavy spray of water, not salty. Shut in to hook up separator; well died. Waiting for pressure build-up.

01-26-79 Well dead; waiting for pressure build-up.

01-27-79 Well dead.

01-29-79 Well dead. Pressure 1680 PSI.

02-03-79 Attempted to move in swabbing unit. Snow too deep; waiting for bulldozer.

02-04-79 Twisted off drive line of swabbing unit attempting to get on location. Dozer spotted unit; now waiting for parts.

02-05-79 Shut down waiting on equipment.

02-06-79 Swabbed and kicked off flowing approximately 1.5 MMCF, heavy spray of water. Casing pressure 900 PSIG.

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