

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, New Mexico
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 990' FNL and 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: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Completion	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE NM 014733 (Com #R-5703)	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME North Lindreth Com.	
9. WELL NO. 1-A	
10. FIELD OR WILDCAT NAME Blanco Mesa Verde	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T26N, R2W	
12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
14. API NO.	
15. ELEVATIONS (SHOW DEPTH OF KDB AND WD) 7313	

(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 SHEETS

Subsurface Safety Valve: Manu. and Type

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

SIGNED Shirley A. Allen TITLE Engineer DATE March 22, 1979

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

- 01-16-79 Moved in Bayless Drilling Completion Rig. Nipple up BOP and wellhead. Pick up 3-7/8" bit casing scraper. Ran in hole w/ 2-3/8" EUE tbg. Tagged DV tool @ 3810 ft. KB by tally. Drilled out DV tool and pressure tested casing to 800 PSIG. Ran to bottom tagged fill @ 5884 ft. KB. Drilled cement and rubber plug. Found float collar @ 5964 ft. KB about 32 ft. higher than casing tally. Drilled out to 5982 ft. KB PBTD. Circulated hole and Shut down. (SSD)
- 01-17-79 Rig up Dowell, Schlumberger. Spot 250 Gal. 15% HCL on bottom. Trip out w/ tbg. and bit. Ran schlumberger Cement Bond - Correlation Log from PBD to 5040' and from 3820' to 2600'. Found good bond across point lookout but questionable bond across Menefee, Cliffhouse. Schlumberger engineers felt bond indicated good hydraulic seal. Dowell pressure tested casing to 3500 PSIG, held fine. Perforated lower stage perforations w/ 0.32" holes as follows: 5964, 5962, 5927, 5925, 5923, 5921, 5919, 5917, 5915, 5913, 5911, 5909, 5907, 5905, 5903, 5901; 5888, 5886, 5884, 5882. Total 20 holes. Shut Down. (SSD)
- 01-18-79 Waiting on Baker Service tools, stuck and lost. Start in hole @ 2:30 pm w/ Baker Model 'C' retrievable bridge plug and Mod. 'R' retrievable packer w/ mechanical collar locator. Tagged PBTD @ 5982 ft. KB. Picked up 3 ft and released bridge plug. Set Mod 'R' @ 5935' KB w/ all weight. Pressured to 1500 PSIG w/ rig pump unable to break down. Shut down. (SSD)
- 01-19-79 Rigged up Dowell. Broke down lower zone @ 1600 PSIG. Pumped 7 bbls, shut down. ISDP - 0 PSIG. Reset bridge plug @ 5940 ft. KB and set packer @ 5894' KB. Pressured to 1500 PSIG and communicated to backside. Reset packer to check setting depth and set @ 5893' KB, pressured to 1000 PSIG and communicated. Reset packer @ 5870' KB. Pressured backside to 2000 PSIG. Held fine, so packer was ok. Broke down both upper zones together @ 1250 PSIG & 6.5 Bb/min. Pumped 12 bbls water. Well on vacuum after shut down. Rig up to swab. Found fluid level @ 1000 ft. Swabbing 1000 ft./run and fluid dropping 500 ft/run. Getting spent acid, water, and natural gas. Shut down swabbed estimated 40 bbl.
- 01-20-79 Fluid level @ 2800 ft. Tbg. pressure 600 PSIG. Swabbing all day. Returning very little liquid by midafternoon, gas, oil, and spent acid water, no drilling mud. Shut down. (SSD)
- 01-22-79 Tbg. pressure 875 PSIG. On blow down unloaded 1-2 bbl light oil, gas 500 MCF/day. Steady rate est. 80-100 MCF/day. Rig up Dowell, pumped 5 gal. of sand in 20 bbls water on top of bridge plug. Waited 1/2 hour then pumped in 82 bbls of MSR ACID w/ 15% HCL and 20 ball sealers and flushed w/ 23.5 bbls of water. Rate 7 bbl/min. Pressure 2000 PSIG. No ball action noticed. Well on vacuum. Rig up to swab. Found fluid level @ 500 ft. Swab back estimated 80 bbls. Well trying to unload. Shut down. (SSD)

- 01-23-79 Blew well down. Swabbed 40 bbls, getting very little entry. No drilling mud returned. Getting spent acid, gas and oil. Circulated down and retrieved Mod.'C' bridge plug and trip out. Lay down packer tools and shut down. (SSD)
- 01-24-79 Break out 10" 900 series companion flange. Rig up Western Co. Frac 1st stage w/ 44,000 gal water 2 lb/1000 gal FR-2 and 22,000 lbs 20/40 sand. Avg. treating pressure 2850 PSIG, avg. injection rate 44 BPM, ISDP 200 PSIG on vacuum in two minutes. Total fluid to recover 1144 bbls. Rig up Schlumberger and ran wireline set retrievable bridge plug and set @ 5770' KB. Pressure tested BP to 3500 PSI, ok. Dumped 5 gal sand in hole. Perforated second stage w/ 0.32" holes as follows: 5750, 5748, 5746, 5743; 5666, 5664; 5650, 5648, 5646, 5644, 5642, 5640, 5638, 5635, 5632; 5550, 5548, 5545, 5542. 20 holes. Breakdown perfs w/ 1000 gal 15% HCL and ball off. Recovered 6 balls w/ junk basket. Pressure rate calculations indicate 11 holes open. Shut down. (SSD)
- 01-25-79 Csg. pressure indicated. Blow well down. Run in hole w/ straddle packers. Isolated bottom zone 5750-43' and could not breakdown @ 3500 PSIG. Released upper packer and spotted 250 gal 15% HCL. Reset packer and broke 1st zone down, rate 2 BPM, pressure 3400 PSIG, ISDP 1000 PSIG. 1 hole indicated open. Isolated second zone 5666-64' and broke down, rate 3 BPM, Pressure 3400 PSIG, ISDP 600 PSIG. 1.25 hole indicated open. Isolated third zone 5650-32'. Flow back to surface stopped on backside indicating this zone responsible for pressure @ surface. Pumped in @ 9 BPM & 3400 PSIG ISDP 900 PSIG w/ 250 gal 15% HCL. 5 holes indicated open. Isolated fourth zone 5568' and communicated behind pipe to upper zone. Pumped in @ 3 BPM @ 3400 PSIG ISDP unknown. 1 hole indicated open. Pumped down annulus to break down upper zone. 7-1/2 BPM @ 1800 PSIG ISDP 700 PSIG 4 holes indicated open. Trip out w/ tools. Rig up Schlumberger, reperf lower zone 0.38" holes as follows: 5750, 5748 2 holes. Reperf third zone 0.38" hole @ 5650 1 hole. Total 23 holes. Frac second stage w/ 59,010 gal water 2 lb/1000 gal FR-2 and 33,000 lbs 20/40 sand. Avg. Inj. pressure 2850 PSIG. Avg. Inj. rate 45 BPM. ISDP 850 PSIG. Indicated 21 holes open. Final shut-in 700 PSIG in 5 minutes. (SSD)
- 01-27-79 Casing pressure 200 PSIG. Blow well down in 2 hours. Pick up retrieving head and seating nipple. Trip in. Found 60 ft. of fill. Circulated out frac sand and released bridge plug. Well on vacuum. Went down tagged TD, found 20 ft. of fill on bottom. Trip out w/ tools. Shut down. (SSD)
- 01-29-79 Casing pressure 400 PSIG. Blow down. Trip in w/ hydrostatic bailer. Removed 20 ft. of 8/12 frac sand, 20/40 frac sand, and pieces of rubber. Trip out break off tools. Run in w/ 20 ft. mud anchor, 4 foot perf sub, seating nipple and tubing. Tag bottom pick up 7 ft. and set donut in tbg. head. Rig down BOPS and make up well head. Well blowing steady est. 50 MCF/day. Shut in. (SSD)

- 01-30-79 Found 50 PSIG tbg. pressure, 680 PSIG of casing. Fluid level @ 1500 ft. Swabbing to kick off. (SSD)
- 01-31-79 Tbg. pressure 20 PSIG, csg. pressure 1150 PSIG, fluid level 1600 ft. Swabbed 110 Bbls. Kicking behind swab for 45 sec. Pressure up to 1200 PSIG on backside. Swabbing Gassy water and little oil. Shut in. Release Rig @ 1:00 pm. Waiting on swab rig.
- 02-05-79 After three hours with swab, kicked off flowing. After 28 hours, casing pressure 440 PSI; est. gas volume 2-1/2 million, moderate spray of water; est. 15 bbls. oil on pit. Shut in at 3:00 p.m. on 02-04-79. (RLB)