

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	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 and in accordance with any State requirements)*						At surface 790' FSL & 1850' FWL	
At top prod. interval reported below						same	
At total depth						same	
14. PERMIT NO.						U. S. DATE ISSUED APR 23 1981	
15. DATE SPUDDED						02-03-81	
16. DATE T.D. REACHED						02-06-81	
17. DATE COMPL. (Ready to prod.)						04-02-81	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*						6957' GL	
19. ELEV. CASINGHEAD						none	
20. TOTAL DEPTH, MD & TVD						2498'	
21. PLUG BACK T.D., MD & TVD						2446'	
22. IF MULTIPLE COMPL., HOW MANY						1	
23. INTERVALS DRILLED BY						ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						2362-72 ft.	
25. WAS DIRECTIONAL SURVEY MADE						no	
26. TYPE ELECTRIC AND OTHER LOGS RUN						Electric and Density Neutron	
27. WAS WELL CORED						no	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
7"	23	96'	9"	60 sacks			
2-7/8"	6.5	2498'	5-1/4"	200 sacks			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
31. PERFORATION RECORD (Interval, size and number)							
2362-72', 2 PF w/2-1/8" glass jets							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
2362-72				250 gal. 15% HCL, 977 bbls. slick water w/foaming agent, bactericide & clay stabilizer.			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4/24/81		flowing				shut in	
DATE OF TEST	HOURS TESTED	CROCK SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
04-24-81	3	3/4"	→	---	259/day	lt. spray	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	10 psig	→	---	259/day	light spray	---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
vented						John	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.							
SIGNED <u>Robert L. Bayless</u>				TITLE Operator		DATE April 27, 1981	
						FARMINGTON DISTRICT	

*(See Instructions and Spaces for Additional Data on Reverse Side)

BY RB

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

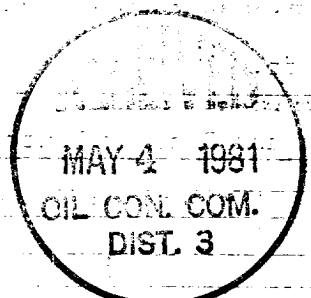
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Pic. Cliffs	2354'		salt water, natural gas	Ojo Alamo Kirtland Fruitland Pic. Cliffs	1904' 2060 2168' 2354'



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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 1541, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 790' FSL & 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* ☐

SUBSEQUENT REPORT OF:

(other) spud, log, completion

5. LEASE
Contract #45

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ponca

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
Ballard Pic. Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T23N, R4W

12. COUNTY OR PARISH
Sandoval

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6957' 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.)*

See 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 TITLE Operator DATE April 27, 1981

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

MAY 01 1981

NMOCC

FARMINGTON DISTRICT
BY [Signature]

MERRION & BAYLESS
PONCA NO. 2
790' FSL & 1850' FWL
Section 20, T23N, R4W
Sandoval County, New Mexico

DAILY REPORT

- 02-03-81 Moved in, rigged up James Drilling Company 2-2-81. Spudded 9" hole and set 96' of 7" casing with 60 sacks. WOC.
- 02-04-81 Drilling @ 950 ft. Visc. 34, mud weight 8.9.
- 02-05-81 Drilling @ 1900 ft. Visc. 34, water loss 8.
- 02-06-81 Reached T.D. of 2500 ft. Circulating, preparing to log. Rig up Birdwell. Found TD @ 2498'. Ran Density and Neutron 2500' to 1000'. Ran Induction log 2500' to surface. Ran 2-7/8" hydril red band IJ tubing to TD. Rig up National Cementers and cemented with 150 sx class B 2% gel and 50 sx class H 2% gel. Displaced with acetic acid and sugar water 13.5 bbls. Plug latched in @ 10:00 PM. Circulated cement back to surface. (JCA)
- 04-02-81 Rig up Blue Jet. Ran Gamma Ray Correlation log from 2446-1400 ft. Rig up Western Co. Pressure tested casing to 3500 PSIG, held ok. Perforated 2362-72' w/ 2 pf 2-1/8" glass jets per density log. Speerheaded 250 gals. 15% HCL fraced w/ 977 bbls slick water w/ foaming agent, bactericide, and clay stabilizer. Avg. treating pressure - 1300 PSIG, avg. rate 20 BPM, ISDP - 500 PSIG, down to 400 PSIG in 10 minutes. Shut in 40 minutes. Opened up and started flow back. Left open. (SSD)
- 04-24-81 Initial flow test: 3/4" plate after 1 hr: 30 psig, 522 mcf;
after 2 hr: 14 psig, 317 mcf;
after 3 hr: 10 psig, 259 mcf.
- Shut in pressure - 592 psig.
(JCA)

