

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
Robert L. Bayless

3. ADDRESS OF OPERATOR
P.O. Box 1541, Farmington, NM 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FSL & 790' 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)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
Contract 390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 390 B

9. WELL NO.
#1

10. FIELD OR WILDCAT NAME
Ballard Pictured Cliffs *Ext*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 26, T23N, R4W

12. COUNTY OR PARISH
Sandoval

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7082' G.L.

RECEIVED

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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 sheet.

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

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

SIGNED _____ TITLE Operator DATE 12-20-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DEC 21 1983

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY

Smm

- 11-17-83 Rigged up Smith Energy Services. Pressure tested casing to 4000 psi. Held OK for 5 minutes. Rigged up Basin Perforators wireline. Ran junk basket to check casing drift. Junk basket would only go to 2535' (97 ft. above expected PBTD). Ran Gamma Ray Log. Gamma Ray log also tagged bottom at 2535 ft. Shut down. Wait on rig to drill out cement.
- 12-14-83 Rigged up Bayless Rig 4. Tripped in the hole with 3/4" tubing and bit. Tagged cement at 2580'. Drilled 52 feet of cement to PBTD of 2632'. Tripped tubing out of hole. Pressure tested casing to 4000 psi. Lost 1000 psi in 20 minutes. Released rig.
- 12-19-83 Rigged up Smith Energy Services. Pressure tested casing to 4000 psi. Lost 500 psi in 5 minutes. Rigged up Basin Perforators. Ran junk basket to PBTD. Ran gamma ray-CLL from PBTD of 2625' to 2300'. Perforated Pictured Cliffs interval off gamma ray log with 2JSPF biwire gun as follows:

2524-2539	15 ft.	
2574-2583	9 ft.	
	<hr/>	
	24 ft.	48 holes

Broke down perforations @ 3300 PSI. Established rate of 13.5 BPM @ 3000 psi - ISIP - 400 psi. Acidized Pictured Cliffs interval with 500 gallons of 7½% HCL weighted acid and 72 l.l s.g. RCN ball sealers. 10 BPM @ 1800 psi. Saw some ball action. Did not ball off casing. Final injection rate was 10 BPM @ 1900 psi - ISIP - 400 psi. Ran junk basket to retrieve ball sealers. Recovered 27 balls. Rigged up the Western Company nitrogen. Fracture stimulated Pictured Cliffs interval with 47,500 gallons of 70 quality foam containing 2% KCL water with ½ gal/1000 clay stabilization and 72,000 lbs. of 10-20 sand as follows:

9,000 gal of 70 quality foam pad	20 BPM @ 2750 psi
5,000 gal with 1 ppg 10-20 mesh sand	20 BPM @ 2900 psi
33,500 gal with 2 ppg 10-20 mesh sand	20 BPM @ 2950 psi
555 gal flush with 70 quality foam	20 BPM @ 3000 psi

ISIP = 1400 psi decreasing to 1300 psi after 15 minutes.

Average rate 20 BPM. Average pressure 2950 psi. Maximum pressure 3200 psi. Minimum pressure 2750 psi. Average nitrogen rate 7700 SCF/min. Total nitrogen pumped 440,447 SCF. Total fluid to recover 357 bbls. Shut in well for 2 hours. Blow back well to the atmosphere through ½" tapped bullplug. Well flowing to cleanup.

- 12-20-83 Well flowing to atmosphere through ½" tapped bullplug. Well blowing hard, making some sand. Well has heavy mist of water, natural gas, and nitrogen. left well flowing to the atmosphere to cleanup.