

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 & 1850' 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	<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)		

5. LEASE
Contract 390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 390 B

9. WELL NO.
#2

10. FIELD OR WILDCAT NAME
Ballard Pic. 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 Me

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

RECEIVED

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

MAY 24 1984

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.

RECEIVED

JUN 07 1984

OIL CON. DIV.
DIST. 3

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

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

SIGNED Ernest H. McLeod TITLE Petroleum Engineer DATE May 23, 1984

(This space for Federal or State office use)

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

DATE _____
ACCEPTED FOR RECORD

JUN 06 1984

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY Sm

5-22-84 Rigged up Smith Energy Services. Pressure tested casing to 4000 psi. Rigged up Basin Perforators. Ran junk basket to PBTD of 2691' RKB to check casing ID (31 feet of rathole below bottom perf). Ran Gamma Ray-CLL from PBTD to 2400'. Perforated Pictured Cliff interval with bi-wire glass charges at 2 JSPF as follows:

2595-2606	11'	22 holes
2640-2646	6'	12 holes
2654-2660	6'	12 holes
TOTAL	23'	46 holes

Brokedown perforations @ 2000 psi. Established rate of 10 BPM @ 1800 PSI - ISIP = 200 PSI. Acidized the Pictured Cliffs zone with 250 gallons of 7½ HCL weighted acid containing 69 1.1 s.g. RCN ball sealers - 2.5 BPM @ 300 PSI. No ball action at all. Final rate 2.5 BPM @ 350 psi. Ran junk basket to PBTD. Recovered 1 ball. Started to frac well - pad teating 20 BPM @ 2450 psi at Nitrogen rate of 7450 SCF/minute. ISIP = 1200 psi. Well teating approximately 600 psi lower than expected. Decreased nitrogen rate to 5500 SCF/minute. Fracture stimulated the Pictured Cliffs formation and 32,449 gallons of 70 quality foam containing 2% KCL water, ½ gal/1000 surfactant 36,880 lbs of 10-20 mesh sand (35,732 lbs in formation) as follows:

9,000 gal of 70 quality foam pad	20 BPM @ 2100 psi
10,000 gal of 1 ppg 10-20 sand	20 BPM @ 2200 psi
13,440 gal of 2 ppg 10-20 sand	20 BPM @ 2200-2350 psi

Lost the packing in a hammer union. Shut down to fix. Well sanded off. Tried to bleed back well to pump remainder of job. Could not pump back into well. Left frac as-is with 60% of desired sand concentration in the well. Average rate 20 BPM. Average pressure 2200 psi. Maximum pressure 2350 psi. Minimum pressure 2100 psi. No ISIP taken. Nitrogen rate 5500 SCF/minute. Total nitrogen pumped 168,192 SCF. Total fluid to recover 257 bbls. Shut well in for 3 hours. Flowed well back to the atmosphere through ½" diameter tapped bullplug. Well flowing to atmosphere to cleanup.