Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

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: 790' FSL & 790' FWL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

5. LEASE
Contract 393

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 393 B

9. WELL NO.
#3

10. FIELD OR WILDCAT NAME
Ballard Pic. Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T23N, R4W

12. COUNTY OR PARISH
Sandoval

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7038' GL

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)			

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

RECEIVED
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.

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

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

SIGNED Leon A. McLeod TITLE Petroleum Engineer DATE May 23, 1984

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD
JUN 06 1984
FARMINGTON RESOURCE AREA
BY Smm

*See Instructions on Reverse Side

NMOCC

5-22-84 Rigged up Basin Perforators. Ran junk basket to PBTD of 2573' to check casing I.D. (24 ft. below bottom perforation). Ran Gamma Ray-CLL from PBTD to 2300'. Rigged up Smith Energy Services. Pressure tested casing to 4000 psi. Perforated Pictured Cliffs interval with biwire glass charges at 2 JSPF as follows:

2492-2501	9'	18 holes
2510-2516	6'	12 holes
2544-2549	5'	10 holes
	20'	40 holes

Broke down perforations @ 3200 psi. Established rate of 10 BPM @ 1800 PSI - ISIP = 380 PSI. Acidized with 250 gallons of 7½% HCL weighted acid containing 60 1.1 s.g. RCN ball sealers - 2.5 BPM @ 600 PSI. Had a small pressure decrease when acid hit the formation. No pressure increase seen due to ball action. Final injection rate 2.5 BPM @ 500 PSI - ISIP = 350 PSI. Ran junk basket to PBTD to retrieve ball sealers. Recovered 16 balls. Fracture stimulated Pictured Cliffs interval with 44,000 gallons of 70 quality foam containing 2% KCL water, ½ gal/1000 surfactant and 60,000 lbs of 10-20 sand as follows:

9,000 gals of 70 quality foam pad	20 BPM @ 2500 psi
10,000 gals of 1 ppg 10-20 sand	20 BPM @ 2650 psi
25,000 gals of 2 ppg 10-20 sand	20 BPM @ 2750 psi
548 gals of 70 quality foam flush	20 BPM @ 2600 psi

ISIP = 1300 psi, decreasing to 1150 psi after 15 minutes. Average rate 20 BPM. Average pressure 2750 psi. Maximum pressure 2800 psi. Minimum pressure 2500 psi. Nitrogen rate 7196 SCF/min. Total nitrogen pumped 372,968 SCF. Total load fluid to recover 343 bbls. Shut well in for 3 hours. Opened well to flow to atmosphere through ½" diameter tapped bullplug. Well flowing to clean up.

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