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
NM 33030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Blackhills

9. WELL NO.
#1

10. FIELD OR WILDCAT NAME
Pic. Cliffs-Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 25, T26N, R13W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6160' G.L.

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)			

RECEIVED
JUL 7 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(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 SHEET

RECEIVED
JUL 1983
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 _____ TITLE Operator DATE July 7, 1983

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD
JUL 14 1983
FARMINGTON DISTRICT
BY Smm

*See Instructions on Reverse Side

NMOCC

7-6-83 Rigged up Basin Perforators. Ran junk basket to PBTD to check casing drift. Ran Gamma Ray collar locator log from PBTD of 1369' to 350'. (Expected PBTD was 1406'). Perforated Pictured Cliffs interval with 2JSPF as follows:

1228-1236	8'
1242-1244	2'
1247-1249	2'
1282-1287	5'
1293-1295	2'
1306-1309	3'
1359-1363	4'
	26'

Total 26', 52 holes (.38" diamter)

Rigged up Smith Energy Services. Broke down perforations @ 1600 psi. Established rate of 13½ BPM @ 1850 psi. ISIP = 500 psi. Dropped 78 RCN ball sealers in water @ 4 BPM @ 650 psi. Saw some ball action, did not balloff. Final injection rate was 13½ BPM @ 2400 psi, ISIP = 600 psi. Ran junk basket to retrieve balls. Did not recover any ballsealers. Rigged up Western nitrogen and fracture stimulated Pictured Cliffs interval with 35,000 gallons of 70 quality foam containing 2% KCL water, 1 gal/1000 clay stabilizer, 1 gal/1000 surfactant, and 50,000 lbs of 10-20 sand as follows:

4500 gal 70 quality foam pad	20 BPM @ 1900 psi
2500 gal with 1 ppg 10-20 sand	20 BPM @ 2100 psi
7500 gal with 2 ppg 10-20 sand	20 BPM @ 2100 psi
3000 gal with 2½ ppg 10-20 sand	20 BPM @ 2050 psi
4500 gal of pad containing 26 RCN ball sealers	20 BPM @ 1950 psi
(no pressure change seen with balls)	
2500 gal with 1 ppg 10-20 sand	20 BPM @ 2050 psi
7500 gal with 2 ppg 10-20 sand	20 BPM @ 2100 psi
3000 gal with 2½ ppg 10-20 sand	20 BPM @ 2250 psi
270 gal flush with 70 quality foam	20 BPM @ 2100 psi.

ISIP = 1250 psi, decreasing to 1000 psi after 15 minutes. Average rate 20 BPM. Average pressure 2100 psi. Maximum pressure 2250 psi. Minimum pressure 1900 psi. Nitrogen injection rate = 6100 SCF/min. Total nitrogen pumped 248,208 SCF. Total load water to recover 309 bbls. Shut in well for 2 hours. Opened well to atmosphere through ¼" bullplug. Well flowing to clean up.