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
Bisti Farmington Ext.

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

12. COUNTY OR PARISH
San Juan

13. STATE
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6158' KB

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) plugback PC/perforate Farmington			

RECEIVED
MAR 01 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

NOTE: Report results of multiple completion or zone changes 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.

RECEIVED
MAR 05 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 Tom L. McCord TITLE Engineer DATE 2-29-84

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD
MAR 0 2 1984
FARMINGTON RESOURCE AREA
BY SMM

*See Instructions on Reverse Side

2-27-84 Rigged up Bayless Rig 4. Tripped 1-1/4" tubing out of hole. Rigged up Cementers Inc. Squeezed off Pictured Cliffs perforations with 15 sacks (18 ft.^{3}) of Class B cement with 2% $CaCl_2$. Displaced top rubber plug to 1000 ft. SDFN.

2-28-84 Tripped tubing in hole to check PBTD. PBTD = 1001 ft. Rigged up Cementers Inc. Pressure tested casing to 2200 psi; lost 200 psi in 5 minutes. SDFN.

2-29-84 Rigged up Smith Energy Services. Pressure tested casing to 3000 psi. Lost 300 psi in 5 minutes. Rigged up Basin Perforators. Ran junk basket to find PBTD - PBTD @ 1001 ft. Ran Gamma Ray-CLL from PBTD to 350 ft. Perforated Farmington zone with 2 JSPF as follows:

632-636 - 4 ft.
652-658 - 6 ft.
697-704 - 7 ft.
17 ft. - 34 holes

Broke down perforations @ 1200 psi. Established rate down casing of 12 BPM @ 1300 psi. ISIP - 400 PSI. Dropped 51 RCN ball sealers in water. Saw good ball action; saw 800 psi drop in pressure (1600 to 800 psi); did not ball off. Final injection rate 4.0 BPM @ 1000 psi. ISIP - 400 PSI. Ran junk basket in hole. Did not recover any ball sealers. Rigged up Western Company nitrogen. fracture stimulated Farmington interval with 29,000 gal. of 70 quality foam containing 2% KCL water, 1/2 gal./1000 clay stabilization agent and 36,500 lbs. of 10/20 sand as follows:

8000 gal. 70 quality foam pad	20 BPM @ 1150 psi
8000 gal. 1 ppg. 10/20 sand	20 BPM @ 1150 to 1450 psi
8000 gal. 2 ppg. 10/20 sand	20 BPM @ 1450 psi
5000 gal. 2-1/2 ppg. 10/20 sand	20 BPM @ 1450 psi
139 gal. nitrogen flush (lost frac pump)	20 BPM @ 1450 psi

ISIP - 650 psi decreasing to 550 psi after 15 minutes. Average rate 20 BPM, average pressure 1450 psi, maximum pressure 1450 psi, minimum pressure 1150 psi, nitrogen pump rate 3626 to 4662 SCF/min. Total nitrogen pumped 148,166 SCF, total load to recover 246 bbls. Shut in well for 2 hrs. Flow well back to atmosphere through 1/4" tap bullplug to cleanup. SDFN.

3-01-84 Checked well. Flowing wet gas and nitrogen. Left well flowing to atmosphere to clean up fluid.