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: 800' FSL & 800' FEL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

5. LEASE
NM 33017

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
West Draw

9. WELL NO.
#1

10. FIELD OR WILDCAT NAME
Farmington

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T27N, R12W

12. COUNTY OR PARISH: San Juan
13. STATE: New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5811' 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.)

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
SEP 30 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 Alvin D. McCord TITLE Petroleum Engineer DATE September 12, 1983

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

SEP 28 1983

FARMINGTON RESOURCE AREA
BY _____

*See Instructions on Reverse Side

NMOCC

ROBERT L. BAYLESS
PETROLEUM PLAZA BUILDING
P. O. BOX 1541
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

Daily Report

WEST DRAW #1
880' FSL & 800' FEL
Sec. 18, T27N, R12W
San Juan County, N.M.

9-08-83 Waiting on completion equipment.

9-09-83 Rigged up Smith Energy Services. Circulated hole clean with 2% KCL water containing 1 gal/1000 surfactant and ½ gal/1000 clay stabilization agent. Moved tubing to 798'. Spotted 50 gallons of 7½% D.I. HCL acid. Tripped tubing out of hole. Pressure tested casing to 3000 psi. Held OK for 5 minutes. Rigged up Basin Perforators. Ran GR-CLL log from loggers PBTD of 851' to 500'. Perforated Farmington zone with 2 JSPF as follows:

671-674	3'	
704-714	10'	
764-768	4'	
793-798	5'	
TOTAL	22'	44 holes

Broke down perfs @ 3400 psi. Established rate of 3.2 BPM @ 3000 psi. ISIP = 400 psi. Acidized down 2-7/8" casing with 450 gallons of 15% HCL weighted acid containing 66 1.1 s.g. RCN ball sealers. 1.6 BPM @ 1900 psi. Saw good pressure breaks when acid hit formation. Did not balloff. Final injection rate was 10 BPM @ 1800 psi, ISIP - 400 psi. Ran junk basket in hole. Did not recover any ball sealers.

9-09-83 Started to fracture Farmington interval. Pumped 4000 gallons of 70 quality foam pad @ 20 BPM @ 1600 psi, well screened off during 1 ppg sand with 1932 lbs of sand into the wellbore. Tried to pump into well 3 more times, well pressured up. Well making sand when bled off. Left well open to pit. SDFN.

9-11-83 Tripped in hole with 1½" tubing tagged sand @ 805'. (No perfs covered) Cleaned out 35' of sand fill. Tripped tubing out of hole. Establish injection rate down 2-7/8" casing of 6.8 bbl/min @ 1550 psi. ISIP = 400 psi. Acidized down casing with 500 gallons of 15% D.I. HCL acid containing 66 RCN ball sealers. 3.6 BPM @ 2000 psi. Saw some ball action, did not ball off. Let well flow back to the pit. Well making acid. Shut in well to allow balls to drop. Fracture stimulated Farmington interval with 70 quality foam as follows:

8000 gals of 70 quality foam pad	20 BPM @ 1400 psi
4000 gallons of 1 ppg 10-20 sand	20 BPM @ 1200 psi
840 gallons of 2 ppg 10-20 sand	20 BPM @ 1200 to 3400 psi
Well screened off. Blew well back to the pit for 5 minutes.	
Pumped back into well as follows:	
4000 gallons of 70 quality foam pad	20 BPM @ 1300 psi
10000 gallons of 1 ppg 10-20 sand	20 BPM @ 1200 psi
4000 gallons of 1½ ppg 10-20 sand	20 BPM @ 1100 psi
7560 gallons of 2 ppg 10-20 sand	20 BPM @ 1100 psi
163 gallons of 70 quality foam flush	20 BPM @ 1100 psi

ISIP = 700 psi staying at 700 for 15 minutes. Total quantity of 70 quality foam pumped = 38,563 gallons. Total sand 36,800 lbs 10-20. Average injection rate: 20 BPM. Average pressure 1200 psi. Maximum pressure 3400 psi. Minimum pressure 1100 psi. Nitrogen injection rate 3752 SCF/MIN. Total nitrogen pumped 163,286 SCF. Total fluid to recover 338 bbls. Shut in well for 2 hours. Flow well to reserve pit through ¼" tapped bullplug. Well flowing to clean up.

9-11-83 S.D. for weekend