## UNITED STATES DEPARTMENT OF THE INTERIOR GFOLOGICAL SURVEY

5. LE	ASE		
NM	33017	 	

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
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.)	7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME	
	West Draw	
1. oil gas well well other	9. WELL NO.	
Well well as other	#1	
2. NAME OF OPERATOR	10. FIELD OR WILDCAT NAME	
Robert L. Bayless 3. ADDRESS OF OPERATOR	Farmington  11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
P.O. Box 1541, Farmington, NM 87499		
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	Sec. 18, T27N, R12W	
AT SURFACE: 800' FSL & 800' FEL	12. COUNTY OR PARISH 13. STATE	
AT TOP PROD. INTERVAL: same	San Juan New Mexico	
AT TOTAL DEPTH: same	14. API NO.	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,		
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)	
	5811' GL	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	3011 011	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zone change on Form 9–330.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is demeasured and true vertical depths for all markers and zones pertinent.  See attached sheet.	lirectionally drilled, give subsurface locations and	
Subsurface Safety Valve: Manu. and Type	Set @ Ft.	

\*See Instructions on Reverse Side

SEP 28 1983

NMOCC

FARMINGTON RESOURCE AREA

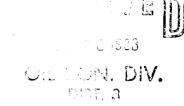
## ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 1541

FARMINGTON, NEW MEXICO B7499
(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
4000 gallons of 1 ppg 10-20 sand
840 gallons of 2 ppg 10-20 sand
20 BPM @ 1200 psi
20 BPM @ 1200 to 3400 psi
20 BPM @ 1300 psi
20 BPM @ 1300 psi
20 BPM @ 1300 psi
20 BPM @ 1200 psi
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 \(\frac{1}{2}\)" tapped bullplug. Well flowing to clean up.