Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
DEC 16 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: Robert L. Bayless

3. ADDRESS OF OPERATOR: P.O. Box 168, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1850' FSL 7 790' FEL

5. LEASE DESIGNATION AND SERIAL NO.: NM 20314

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Roosevelt

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 22, T30N, R14W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5647' GL

12. COUNTY OR PARISH: San Juan

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☒	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☒	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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.)*

Report on reverse.

RECEIVED
FEB 06 1986
OIL CON. DIV.
DIST. 3

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

SIGNED Kim D. McCloud TITLE Petroleum Engineer DATE 12-16-85

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FEB 04 1986

FARMINGTON RESOURCE AREA

BY _____

*See Instructions on Reverse Side

NMOCC

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

12-10-85 Move in and rig up Bayless Rig 3. Nipple down wellhead. Nipple up BOP. Pick up bit and 1½" 2.9#/ft EUE tubing. Trip 3500' of tubing. SDFN.

12-11-85 Pick up remaining 1½" tubing. Tagged PBTD at 6098.24'. Rigged up the Western Company. Pressure tested casing to 4500 psi for minutes. Held OK. Circulated hole clean with 1% KCl water, 1 gal/1000 surfactant, and ½ gal/1000 clay stabilization agent. Moved tubing to 6046'. Spotted 500 gallons of 7½% D.I. HCL acid over perforation interval. Trip tubing out of hole. Rigged up Basin Perforators. Ran GR-CLL from loggers PBTD of 6096' to 5750' RKB. Perforated Dakota interval with 3-1/8" casing gun as follows:

5891-5912	21'	21 holes	
5918-5924	6'	6 holes	
5928-5931	3'	3 holes	
5934-5942	8'	8 holes	
5970-5998	28'	14 holes	(1 shot every other foot)
6041-6046	5'	5 holes	
	71'	57 holes	(.34" diameter)

SDFN.

12-12-85 Pick up 4½" packer (Mountain States). Trip in hole. Set packer at 5952'. Rigged up the Western Company. Broke down upper perforations down the 4½"-1½" annulus @ 2500 psi. Established rate of 5.2 BPM @ 1400 psi, ISIP = 750 psi. Broke down lower perforations down the 1½" tubing immediately. Established rate of 4.0 BPM @ 2900 psi, ISIP = 700 psi. Moved packer to 5631'. Acidized the entire Dakota interval down the 1½" tubing with 500 gallons of 7½% D.I. HCL acid containing 86 1.1 s.g. RCN ball sealers. Had good ball action. Balled off casing to 4000 psi. Bled off pressure. Final injection rate 1.1 BPM @ 950 psi, ISIP = 600 psi. Moved packer below perforations. Blew well dry with nitrogen. Trip tubing out of hole. Did not have 3 jts of tubing and packer. Trip in the hole with an overshot on 1½" tubing. Tagged fish. Trip out of hole and recovered all of fish. SDFN.

12-13-85 Rigged up the Western Company. Fracture stimulated the Dakota interval with 95,000 gallons of 75 quality foam containing 1% KCL water, 1 gal/1000 surfactant, ½ gal/1000 clay stabilization agent and 135,000 lbs of 20-40 sand and 30,000 lbs of 10-20 sand as follows:

12-13-85 20,000 gal 75 quality foam pad	30 BPM @ 3200 psi
15,000 gal w/1 ppg 20-40 sand	30 BPM @ 3300-3400 psi
30,000 gal w/2 ppg 20-40 sand	30 BPM @ 3400-3700 psi
20,000 gal w/3 ppg 20-40 sand	30 BPM @ 3250-3850 psi
10,000 gal w/3 ppg 10-20 sand	30 BPM @ 3850 psi
3,835 gal 75 quality foam flush	30 BPM @ 3800 psi

ISIP = 3100 psi, 5 nim = 2800 psi, 10 min = 2800 psi, 15 min = 2750 psi. Average rate = 30 BPM. Average pressure 3400 psi. Maximum pressure 3850 psi. Minimum pressure 3100 psi. Nitrogen injection rate from 24,800 to 26,600 SCF/min. Total nitrogen pumped 1,983,266. Total load fluid to recover 138 bbls. Shut well in for 4 hours. Opened well to flow to the atmosphere through a ½" tapped bullplug. Well flowing to cleanup. SDFN.