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.)

5. LEASE DESIGNATION AND SERIAL NO.: NOO-C-5753

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Allottee

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Robert L. Bayless

8. FARM OR LEASE NAME: Natani

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

9. WELL NO.: #33

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 790' FSL & 1450' FWL

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DEC 10 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT: Rusty Chacra

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 1, T21N, R6W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6985' GL

12. COUNTY OR PARISH: Sandoval

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	X	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	X	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.) *

See Attached Sheet

RECEIVED
DEC 16 1985
OIL CON. DIV.
DIST. 3

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

SIGNED Tom H. McCord TITLE Petroleum Engineer DATE 12-10-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*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.

12-3-85 Move in and rig up Bayless Rig 4. Nipple up wellhead. Pickup 1¼" EUE used tubing. Tag cement @ 1737' RKB. Drill 124' of plug and cement to PBTD of 1861' RKB. SDFN.

12-4-85 Rig up the Western Co. Circulate hole clean with 2% KCL and ½ gal/1000 clay stabilization agent. Move tubing to 1759' RKB. Spot 100 gallons of 7½% DI HCL acid across perforation interval. Trip 1¼" tubing out of hole. Pressure test well to 4000 psi. Held OK. Released rig.

12-5-85 Rigged up Basin Perforators. Ran GR-CLL from PBTD of 1851' RKB to 1500' RKB. Perforated Chacra interval with 1 JSPF as follows:

1647-1652	5'	5 holes
1658-1687	29'	29 holes
1693-1698	5'	5 holes
1738-1749	11'	11 holes
1754-1759	5'	5 holes
	55'	55 holes

Rigged up the Western Company. Broke down perforations immediately. Established an injection rate into perfs of 8 BPM @ 900 psi. ISIP = 200 psi. Acidized the Chacra interval down the casing with 250 gallons of 7½% weighted HCL acid containing 83 1.1 s.g. RCN ball sealers. Had 400 psi pressure decrease when acid hit the formation. Did not see any ball action. Final injection rate was 8 BPM @ 950 psi. ISIP = 250 psi. Tripped junk basket in hole to recover ball sealers. Recovered 7 balls. Fracture stimulated Chacra interval with 37,500 gallons of 70 quality foam with 50,000# of 20-40 mesh sand as follows:

7,500 gals of 70 quality foam pad	20 BPM @ 1700 psi
10,000 gals of 1 ppg 20-40 sand	20 BPM @ 1850 psi
20,000 gals of 2 ppg 20-40 sand	20 BPM @ 1850 psi
401 gals 2% KCL water	20 BPM @ 700 psi

ISIP = 400 (fluid), 5 min = 400, 10 min = 400, 18 min = 400. All water contained 2% KCL and ½ gal/1000 clay stabilization agent. Average pressure 1850 psi. Maximum pressure 1900 psi. Minimum pressure 700 psi. Nitrogen injection rate 5200 SCF/min. Total nitrogen pumped 223,600 SCF. Load to recover 343 bbls. Shut in well for four hours. Flowed well to the atmosphere through a ½" tapped bullplug. Flow well to cleanup.