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.: Jic. Cont. 458

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla Apache Tribe

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Robert L. Bayless

8. FARM OR LEASE NAME: Jicarilla 458

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

9. WELL NO.: #2

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

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FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 7, T30N, R3W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7008' GL

12. COUNTY OR PARISH: Rio Arriba

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) Run production tubing			☒
(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 daily report.

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OIL CON. DIV.
DIST. 3

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

SIGNED Jim H. McCord TITLE Petroleum Engineer DATE 1/6/87

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JAN 12 1987

FARMINGTON RESOURCE AREA

BY Egb

*See Instructions on Reverse Side

NMOCD

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.

ROBERT L. BAYLESS
PETROLEUM PLAZA BUILDING
P O BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

JICARILLA 458 #2
790' FSL & 1450' FEL
Section 7, T30N, R3W
Rio Arriba County, NM

DAILY REPORT

12/17/86 Move in and rig up Bayless Rig 6. Nipple up wellhead; nipple up BOP; pickup 1-1/2" tubing; tag PBTD at 3891 ft. RKB - SDFN.

12/18/86 SD due to weather (snow).

12/19/86 Rigged up the Western Company. Pressure tested casing to 3500 p.s.i.; held OK; circulated hole with 2% KCl water. Moved tubing to 3699'; spot 250 gallons of 7-1/2% DIHCl acid across perforation interval. Trip tubing out of hole. Rigged up Basin Perforators; ran GR/CLL from PBTD of 3882 ft. to 3400 ft.; perforated Pictured Cliffs interval with 3-1/8" casing gun and 2JSPF as follows:

3635-3647	12'	25 holes
3661-3671	10'	21 holes
3674-3680	6'	13 holes
3690-3699	9'	19 holes
	37'	78 holes

Broke down perforations at 1400 p.s.i.; established an injection rate of 7.7 BPM @ 650 p.s.i., ISIP = 400 p.s.i. Acidized the Pictured Cliffs interval with 500 gallons of 7-1/2% DI weighted HCl acid containing 117 1.1 sg. RCN ball sealers; 8.1 BPM @ 500 p.s.i. Had one good pressure break; balled off casing to 3500 p.s.i.; bled off pressure; final injection rate 8.0 BPM @ 600 p.s.i.; ISIP = 400 p.s.i. Ran junk basket to recover ball sealers; recovered 100 ball sealers. Fracture stimulated Pictured Cliffs interval with 80,000 gallons of 70 quality foam containing 100,000 lbs. of 20/40 sand as follows:

20,000 gallons of 70 quality foam pad - 30 BPM @ 2000.
20,000 gallons of 70 quality foam containing 1 ppg 20/40 sand - 30 BPM @ 2050.
40,000 gallons of 70 quality foam - 30 BPM @ 2050-2100.
2,366 gallons of 70 quality foam flush - 30 BPM @ 2050.

ISIP = 1550 p.s.i.
5 min. = 1450 p.s.i.
10 min. = 1400 p.s.i.
15 min. = 1400 p.s.i.

12/19/86 (cont.)

All water contained 2% KCl and 1/2 gal/1000 clay stabilization agent. Average rate 30 BPM. Average pressure = 2050 p.s.i. Maximum pressure 2100 p.s.i. Minimum pressure 2000 p.s.i. Nitrogen pump rate 14,950 SCF/MIN. Total nitrogen pumped 980,550 SCF. Total load fluid to recover 739 Bbls. Shut in well for 3 hours. Opened well to atmosphere through 1/2" tapped bullplug. Well flowing to cleanup. SDFN.

12/20/86 Well flowing to cleanup.

12/21/86 Well flowing to cleanup.

12/22/86 Well flowing; flowing pressure 675 p.s.i. Opened well to 2" to flow down. Well would not blow down; well making sand. Rigged up flow line to by pass wellhead valves. Leave well blowing through 2" to blow down. SDFN.

12/23/86 Killed well. Tripped in hole with 1-1/2" tubing; tagged sand at 3680'; cleared out 140' of sand to 3820' with gas volume and pressure from well. Landed 1-1/2" tubing as follows:

DESCRIPTION	LENGTH	DEPTH
KB to landing point	6.75	0-7
110 jts. of 1-1/2" 2.9#/ft. J-55 tubing	3610.67	7-3617
1 seating nipple	.75	3617-3618
1 jt. of 1-1/2" 2.9#/ft. J-55 tubing	34.11	3618-3652
	3652.28	

Nipple down BOP; nipple up wellhead. Release rig; leave well flowing to the pit to cleanup for AOF.