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. 459

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

7. UNIT AGREEMENT NAME:

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: Robert L. Bayless

8. FARM OR LEASE NAME: Jicarilla 459

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

9. WELL NO.: #1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1665' FSL & 940' FEL

RECEIVED
DEC 09 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 18, T30N, R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7085 ft. 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) Perf., frac, run tbg.			☒
(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.

RECEIVED
DEC 15 1986
OIL CON. DIV.
DIST. 3

ACCEPTED FOR RECORD
DEC 11 1986
FARMINGTON RESOURCE AREA
BY EG

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

SIGNED Glen A. McCord TITLE Petroleum Engineer DATE 12/8/86

(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.

Jicarilla 459 #1
Daily Report

12-02-86 Moved in and rigged up Bayless Rig #6. Nipple up wellhead and BOP. Pick up 1-1/2", 2.9#/ft. J-55 EUE tubing. Tag PBTD @ 4000 ft. RKB. SDFN.

12-03-86 Rigged up the Western Company. Pressure tested wellhead and casing to 3500 psi. Held okay. Circulated hole clean with 2% KCL water. Moved tubing to 3733 ft. Spotted 250 gallons of 7-1/2% DIHCL acid. Trip tubing out of hole. Rigged up Basin Perforators and ran GR-CLL from PBTD of 3966 to 3400 ft. RKB. Perforated Pictured Cliff interval with 3-1/8" casing gun and 2 JSPF as follows:

3680-3693	13'	27 holes
3696-3698	2'	5 holes
3704-3706	2'	5 holes
3710-3714	4'	9 holes
3722-3733	11'	23 holes
	32'	69 holes (.34" diameter)

Broke down perforations at 1800 psi. Established injection rate into perforations of 9.0 BPM @ 650 psi; ISIP = 350 psi. Acidized Pictured Cliffs interval with 500 gallons of 7-1/2% weighted DIHCL acid containing 120 1.1 sg RCN ball sealers. Acid rate 6.0 BPM @ 450 psi. Had one good pressure break when balls hit the formation. Balled off casing to 3500 psi. Blead off pressure; pumped remaining acid into formation. Final injection rate of 4.0 BPM @ 500 psi, ISIP = 350 psi. Ran junk basket to recover ball sealers. Recovered 119 balls. Fracture stimulated Pictured Cliffs interval with 80,000 gallons of 70 quality foam with 90,000# of 20-40 mesh sand as follows:

20,000 gal. of 70 quality foam pad	30 BPM @ 1900 psi
30,000 gal. of 70 quality foam containing 1 ppg 20-40 sand	30 BPM @ 2000-2100 psi
30,000 gal. of 70 quality foam containing 2 ppg 20-40 sand	30 BPM @ 2200 psi
2,435 gal. of 70 quality foam flush	30 BPM @ 2100 psi

ISIP - 1400 psi
5 min. - 1200 psi
10 min. - 1300 psi
15 min. - 1300 psi

All water contained 2% KCL and 1/2 gallon/1000 clay stabilization agent. Average rate 30 BPM; average pressure 2100 psi; maximum pressure 2200 psi; minimum pressure 1900 psi· nitrogen pump rate 14,500 scf/min; total nitrogen pumped 9,231,395 scf; total fluid to recover 660 bbls. Shut in well for 3-1/2 hours. Opened well to flow to atmosphere through 1/2" tapped bullplug. SDFN.

12-04-86 Well flowing to clean up.

12-05-86 Well flowing to clean up.

12-06-86 Tripped in hole with 1-1/2" tubing. Tagged sand at 3730'. Cleaned out 117 ft. of sand with gas from well to 3847 ft. Landed tubing as follows:

DESCRIPTION	LENGTH	DEPTH
KB to landing point	7.50	0-8
110 jts. of 1-1/2", 2.9#/ft. J-55 EUE new tbg.	3661.96	8-3669
1 seating nipple	.75	3669-3670
1 jt. mud anchor	34.17	3670-3704
	3704.38	

Nipple down BOP; nipple up wellhead. Shut in well for AOF.