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.)

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: 1450' FSL & 1190' FWL

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FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.: Jicarilla Cont. 457
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla Apache Tribe
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Jicarilla 457
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 9, T30N, R3W
12. COUNTY OR PARISH:
13. STATE:

14. PERMIT NO.:
15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7167' RKB

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) Run production tubing			X
(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.)*

Per attached daily report.

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OIL CON. DIV.
DIST. 3

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

SIGNED Glenn A. McCulley TITLE Petroleum Engineer DATE 1/7/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
JAN 14 1987
FARMINGTON RESOURCE AREA
BY [illegible]

*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.

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

DAILY REPORT

Jicarilla 457 #1
1450' FSL & 1190' FWL
Sec. 9, T30N, R3W
Rio Arriba County, New Mexico

12/29/86 Move in and rig up Bayless Rig #6. Nipple up wellhead and BOP. SDFN.

12/30/86 Pick up 1-1/2" tubing. Tag PBTD @ 3972 ft. RKB. Rigged up Western Company and pressure tested casing to 3500 psi; held okay. Circulated hole clean with 2% KCL water. Moved tubing to 3762' RKB. Spotted 250 gallons of 7-1/2% DIHCL acid across perforation interval. TOH with tubing. Rigged up Basin Perforators and ran GR-CLL from PBTD of 3937 ft. to 3400 ft. Perforated PC interval with 3-1/8" casing gun and 2 JSPF as follows:

3708-3714	6'	13 holes
3716-3721	5'	11 holes
3723-3730	7'	15 holes
3732-3734	2'	5 holes
3736-3738	2'	5 holes
3742-3752	10'	21 holes
3756-3762	6'	13 holes
	38'	83 holes (.34" diameter)

Broke down perforations @ 1100 psi. Established injection rate into perforations of 9.0 BPM @ 600 psi; ISIP = 400 psi. Acidized PC interval with 500 gallons of 7-1/2% DI HCL weighted acid containing 125 1.1 s.g. RCN ball sealers. Acid rate 6-1/2 BPM @ 500 psi. Saw one good pressure break when balls hit formation. Balled off casing to 3500 psi; surged balls off of perforations. Final injection rate was 6-1/2 BPM @ 500 psi; ISIP - 400 psi. Ran junk basket to recover ball sealers. Recovered 40 balls. Fracture stimulated PC 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 @ 1500-1700*psi
20,000 " " " " w/1ppg 20/40 sand	30 BPM @ 1700 psi
40,000 " " " " w/2ppg 20/40 sand	30 BPM @ 1800 psi
2,414 gallons of 70 quality foam flush	30 BPM @ 1700 psi

*pressure increased 200 psi after nitrogen pumps pumped correctly.

ISIP = 1200 psi
5 minutes = 1050 psi
10 minutes = 1100 psi
15 minutes = 1100 psi

All water contained 2% KCL water, 1/2 gallon/1000 clay stabilization agent.

Average rate 30 BPM, average pressure 1700 psi, maximum pressure 1800 psi, minimum pressure 1400 psi, average nitrogen rate was 15,225 SCF/min. Total nitrogen pumped was 995,563 scf. Total fluid to recover 686 Bbls. Shut well in for 3 hrs, opened to atmosphere through 1/2" tapped bullplug and left flowing to atmosphere to cleanup. SDFN.

12/31/86 Well flowing to cleanup.

1/1/87 Well flowing to cleanup.

1/2/87 Blow down well. Trip in the hole with 1-1/2" tubing. Tagged sand at 3756' RKB. Pumped KCL water into well to clean out sand; could not establish circulation - SDFN.

1/3/87 Trip tubing out of the hole. Trip in hole with hydrostatic bailer on 1-1/2" tubing. Clean out 7' of sand fill. Trip tubing and hydrostatic bailer out of hole - SDFN.

1/4/87 Shut down Sunday.

1/5/87 Shutin casing pressure was 320 psi. Blew down well. Well unloaded fluid. Trip in hole with hydrostatic bailer on 1-1/2" tubing. Cleaned out 70' of sand fill. Well came in and check valves on bailer failed, dumping cleaned out sand back in well. Trip out of hole with 1-1/2" tubing and hydrostatic bailer. Rigged up sand pump on sand line; made numerous runs; cleaned out 20' of sand to 3783 ft. - SDFN.

1/6/87 Overnight shutin pressure was 820 psi. Blew well down; well unloaded fluid; kill well. Go in hole with sand pump on sand line; sand fill had increased 25' to 3758'. Made numerous runs with sand pump on sandline. Cleaned out sand to 3774' RKB. Tripped in hole with 1-1/2" tubing and landed as follows:

DESCRIPTION	LENGTH	DEPTH
KB to landing point	5.00	0-5
113 jts. of 1-1/2" 2.9#/ft. J-55 EUE tubing	3699.85	5-3705
1 seating nipple	.75	3705-3706
1 jt. of 1-1/2" 2.9#/ft. J-55 EUE tubing	34.08	3706-3740
	3739.68	

Nipple down BOP; nipple up well head. Released rig. Shut in well for AOF.