

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	3. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 457
2. NAME OF OPERATOR Robert L. Bayless	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
3. ADDRESS OF OPERATOR P.O. Box 168, Farmington, NM 87499	7. UNIT AGREEMENT NAME
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	8. FARM OR LEASE NAME Jicarilla 457
14. PERMIT NO.	9. WELL NO. 1
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 7167' RKB	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 Rio Arriba
	13. STATE NM

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BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☒

SHOOTING OR ACIDIZING ☒

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(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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ION. DIV.  
ST. 2

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

SIGNED

TITLE

Operator

DATE

12/31/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

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FARMINGTON RESOURCE AREA

BY

\*See Instructions on Reverse Side

NMOCC

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
	<u>38'</u>	<u>83 holes (.34" diameter)</u>

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 l.l 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/lppg 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.