

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	5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Cont. 464
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 1800' FSL & 965' FEL	8. FARM OR LEASE NAME Jicarilla 464
14. PERMIT NO.	9. WELL NO. #1
	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T30N, R3W
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7136' GL	12. COUNTY OR PARISH Rio Arriba
	13. STATE NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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 report-

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DEC 04 1986

OIL CON. DIV.
DIST. 3

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

SIGNED Norm H. Wilson TITLE Engineer DATE 11/26/86

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED FOR RECORD

DATE _____

DEC 03 1986

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

11-24-86 Move in and rig up Bayless Rig 6. Nipple up wellhead. Nipple up BOP. Picked up 1-1/2", 29#/ft. EUE tubing. Tagged PBTD @ 4083 ft. RKB. SDFN.

11/25/86 Rigged up the Western Company. Pressure tested casing to 3500 psi; held okay for 5 minutes. Circulated hole clean with 2% KCL water. Moved tubing to 3826 ft. RKB. Spotted 250 gallons of 7-1/2% DI HCL acid. Trip tubing out of hole. Rig up Basin Perforators and ran GR-CLL from log corrected PBTD of 4056 ft. to 3500 ft. Perforated Pictured Cliffs interval with 3-1/8" casing gun and 2JSPF as follows:

3741-3746	5'	11 holes	
3748-3757	9'	19 holes	
3759-3767	8'	17 holes	
3774-3780	6'	13 holes	
3792-3798	6'	13 holes	
3823-3826	3'	7 holes	
	<u>37'</u>	<u>80 holes</u>	.34" diameter

Broke down perforations @ 1400 psi. Established injection rate of 9.0 BPM @ 600 PSI, ISIP=350 psi. Acidized the Pictured Cliffs interval with 500 gallons of 7-1/2% DI HCL weighted acid containing 120 l.l s.g. RCN ball sealers @ 8.1 BPM @ 500 psi. Had two pressure breaks as balls hit perforations. Balled off casing to 3500 psi. Surged balls off perforations. Final injection rate into perfs of 8.0 BPM @ 700 psi, ISIP=400 psi. Ran junk basket to recover ball sealers. Recovered 117 balls. Fracture stimulated Pictured Cliffs interval with 85,000 gallons of 70 quality foam with 100,000# of 20-40 mesh sand as follows:

20,000 gallons of 70 quality foam pad	30 BPM @ 2050 psi
30,000 gallons of 70 quality foam with 1 ppg 20-40	30 BPM @ 2000 psi
35,000 gallons of 70 quality foam with 2 ppg 20-40	30 BPM @ 2000-2100 psi
2,435 gallons of foam flush	30 BPM @ 2100 psi

ISIP=1500 psi, 5 min. shutin = 1400 psi
10 min. shutin = 1400 psi
15 min. shutin = 1350 psi

All water contained 2% KCL and 1/2 gallon/1000 clay stabilization agent. Average rate 30 BPM, average pressure 2050 psi, maximum pressure 2100 psi, minimum pressure 2000 psi. Nitrogen injection rate was 15,200 SCF/min., total nitrogen pumped was 1,056,000 SCF. Total fluid pumped was 606 bbls. Shut well in for 3 hours. Open up well to the atmosphere through 1/2" tapped bullplug. SDFN.