

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 ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Robert L. Bayless

3. ADDRESS OF OPERATOR
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
2025' FSL & 960' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
7214' GL 7227' GL

RECEIVED

FEB 13 1987

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 461

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 461

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T30N, R3W

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:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) Set Production Tubing ☒

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.)*

See Attached Daily Reports.

RECEIVED
FEB 17 1987
OIL CON. DIV.
DIST. 3

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

SIGNED Kenn H. McLeod

TITLE Agent

DATE 02/12/87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ACCEPTED FOR RECORD

FEB 13 1987

FARMINGTON RESOURCE AREA

BY ELS

*See Instructions on Reverse Side

02/04/87 Move in and rig up Bayless Rig #6 - pick up 1 1/2" 29#/ft J-55 EUE tubing - tagged cement at 3961' RKB - SDFN.

Rig 1092 Eng 100 Daily \$1192 Cum \$59,527

02/05/87 Rigged up the Western Company - pressure tested casing to 3500 psi - held OK - circulated hole clean with 2% KCL water - moved tubing to 3763' RKB - spot 250 gallons of 7 1/2% DI HCL acid over perforation interval - trip tubing out of hole - rigged up Basin Perforators - ran GR-CLL from PBTD of 3965 to 3400 ft RKB - perforated Pictured Cliffs interval with 3 1/8" casing gun and 2 JSPF as follows:

3651 - 3662	11' 23 holes	3710 - 3719	9' 19 holes
3664 - 3672	8' 17 holes	3728 - 3732	4' 9 holes
3674 - 3684	10' 21' holes	3735 - 3741	6' 13 holes
3688 - 3693	5' 11 holes	3758 - 3763	5' 11 holes
3699 - 3704	5' 11 holes		

Total 63' 135 holes (.34" diameter)

Broke down the Pictured Cliffs perforations @ 1400 psi - established an injection rate into the perforations of 7.6 BPM @ 500 psi - ISIP - 250 psi - acidized down the casing with 500 gallons of 7 1/2% DI weighted HCL acid containing 203 l.l s.g. RCN ball sealers - 7.8 BPM @ 400 psi - had good ball action - balled of casing to 3500 psi - surged balls off - perforations - final injection rate was 3.2 BPM @ 400 psi, ISIP = 250 psi - ran junk basket to recover ball sealers - recovered 53 balls - fracture stimulated Pictured Cliffs interval with 85,000 gallons of 70 quality foam containing 2% KCL, 1/2 gal/1000 clay stabilization agent and 120,000 lbs of 20/40 mesh sand as follows:

15,000 gallons of 70 quality foam pad	30 BPM @ 1850
20,000 gallons of 1 ppg 20/40 sand	30 BPM @ 1900 psi
50,000 gallons of 2 ppg 20/40 sand	30 BPM @ 1950-2050 psi
2377 gallons of 70 quality foam flush	30 BPM @ 2000 psi

ISIP = 1700 psi 5 min = 1500 psi 10 min = 1500 psi 15 min = 1450 psi

02/05/87 Average rate 30 BPM - average pressure 1950' psi - maximum pressure 2050 psi - minimum pressure 1800 psi nitrogen pump rate was 14,490 SCF/min - total nitrogen pumped was 919,651 SCF - opened well to the atmosphere through a 1/2" tapped bullplug - flow well to cleanup - SDFN.

Rig 1638 Eng 500 Wireline \$1240 Frac 21,903 Daily \$25,281
Cum \$84,808

02/06/87 Well flowing to cleanup.

02/07/87 Well flowing - opened well to atmosphere through 2" pipe - tripped in hole with 1 1/2" tubing - tagged sand fill at 3667' RKB - rigged up the Western Company nitrogen - cleaned out 289' of sand to PBD of 3956' RKB - landed tubing as follows:

<u>DESCRIPTION</u>	<u>LENGTH</u>	<u>DEPTH</u>
KB to landing point	9.00	0-9
108 jts of 1 1/2" 2.9#/ft J-55 EUE tubing	3647.13	9-3656
1 - seating nipple	.95	3656-3657
1 jt of 1 1/2" 2.9#/ft J-55 EUE tubing	34.15	3657-3691
	3691.18	

Nipple down BOP - nipple up wellhead - shut in well for AOF - release rig.

Rig 1092 Eng 250 Nitrogen 2068 Daily \$9231 Cum \$94,039
 Tubing 5821