

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
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
1030' FSL & 935' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, ST, OR, etc.)
6990' GL

5. LEASE DESIGNATION AND SERIAL NO.
Contract 452

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 452

9. WELL NO.
#1-Y

10. FIELD AND POOL, OR WILDCAT
E. Blanco P.C. Ext.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 6, T29N, R3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

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AUG 05 1986

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) T.D.

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 Sheets

RECEIVED
AUG 29 1986
OIL CON. DIV.
DIST. 3

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

SIGNED Kim H. McLeod

TITLE Petroleum Engineer

DATE ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE AUG 27 1986

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

BY [Signature]

*See Instructions on Reverse Side

NMOCC

ROBERT L. BAYLESS

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

JICARILLA 452 #1Y
Section 6, T29N, R3W
1030' FSL & 935' FEL
Rio Arriba County, NM

DAILY REPORT

- 6-25-86 Drilling @ 648'. Mud wt 9.0, Visc. 37, W.L. 6.0. $\frac{1}{4}^{\circ}$ @ 190',
1° @ 336', 1° @ 586'.
- 6-26-86 Drilling @ 970'. Mud wt 8.9, Visc. 36, W.L. 9.0. $\frac{1}{2}^{\circ}$ @ 780'.
- 6-27-86 Drilling @ 1535'. Mud wt 9.0, Visc. 38, W.L. 7.0. $\frac{3}{4}^{\circ}$
@ 975', 1° @ 1150', 1° @ 1309', $\frac{3}{4}^{\circ}$ @ 1495'.
- 6-28-86 Drilling @ 1835'. Mud wt 9.2, Visc. 36, W.L. 6.0. $\frac{1}{4}^{\circ}$ @ 1680'.
- 6-29-86 Drilling @ 1970'. Mud wt 9.1, Visc. 35, W.L. 9.0. $\frac{3}{4}^{\circ}$
@ 1843'.
- 6-30-86 Drilling @ 2228'. Mud wt 8.9, Visc. 38, W.L. 9.0. 1° @
1974', $1\frac{1}{2}^{\circ}$ @ 2129'.
- 7-1-86 Drilling @ 2396'. Mud wt 8.9, Visc 40, W.L. 8.0. 2° @ 2282',
2° @ 2334'.
- 7-2-86 Drilling @ 2655'. Mud wt 8.9, Visc. 35, W.L. 9.0. $2\frac{1}{2}^{\circ}$ @
2420', 2- $\frac{3}{4}^{\circ}$ @ 2543', 2- $\frac{3}{4}^{\circ}$ @ 2635'.
- 7-3-86 Drilling @ 2767'. Mud wt 8.9, Visc. 34, W.L. 12.0. 2- $\frac{3}{4}^{\circ}$
@ 2738', 3° @ 2752'.
- 7-4-86 Drilling @ 2838'. Mud wt 8.9, Visc. 36, W.L. 9.0. 3° @
2788'.

7-5-86 Drilling @ 2950'. Mud wt 9.0, Visc. 40, W.L. 6.5. 2° @ 2844'.
 7-6-86 Drilling @ 3025'. Mud wt 9.0, Visc. 39, W.L. 6.0. 2° @ 2999'.
 7-7-86 Drilling @ 3150'. Mud wt 9.2, Visc. 39, W.L. 9.0. 2° @ 3150'.
 7-8-86 Drilling @ 3265'. Mud wt 9.2, Visc. 40, W.L. 7.8. 2° @ 3150'.
 7-9-86 Drilling @ 3362'. Mud wt 9.2, Visc. 40, W.L. 8.0. 2° @ 3306'.
 7-10-86 Drilling @ 3450'. Mud wt 9.4, Visc. 41, W.L. 9.0.
 7-11-86 Drilling @ 3545'. Mud wt 9.1, Visc. 40, W.L. 6.5. 3½° @ 3530'.
 7-12-86 Drilling @ 3644'. Mud wt 9.0, Visc. 39, W.L. 7.0. 3° @ 3530', 2½° @ 3587', 2½° @ 3616'.
 7-13-86 Drilling @ 3735'. Mud wt 9.1, Visc. 40, W.L. 8.0. 3° @ 3707'.
 7-14-86 Drilling @ 3827'. Mud wt 9.1, Visc. 41, W.L. 7.0. 3° @ 3770'.
 7-15-86 Drilling @ 3902'. Mud wt 9.0, Visc. 43, W.L. 8.5. 2½° @ 3862'.
 7-16-86 T.D. well at 3935 ft RKB @ 1:45 p.m. 7/15/86. Circulate for 1 hour. lay down 2-7/8" tubing and 3½" collars. Rigged up to run 3½" casing. Washed through bridges with casing from 1030 to 1120 ft and 1368 to 1428 ft. Casing went in hole slowly, tight. Landed 3½" casing as follows:

<u>DESCRIPTION</u>	<u>LENGTH</u>	<u>DEPTH</u>
KB to landing point	7.00	0-7
128 jts 3½" 9.3#/ft N-80		
EUE used casing	3920.59	7-3928
1 insert baffle	0.00	3928
1 3½" sub	7.20	3928-3935
	<u>3934.79</u>	

Nipple down BOP. Rigged up Dowell. Cemented casing with (150 sx) 309 ft³ Class B with 2% D-79, tailed by (85 sx) 100 ft³ Class B cement. Good circulation throughout the job. Circulated cement to the surface. Bumped plug to 2000 psi. Plug down at 6:45 am 7/16/86. Wait on completion.

Robert L. Bayless
Jicarilla 452 #1-Y
Daily Report, Page 3

7-18-86 Rigged up Welex. Ran TMD and Gamma Ray-Neutron log from PBTD of 3910' RKB to 2900'. SDFN.

7-29-86 Rigged up Dowell. Pressure tested casing to 4500 psi. Held OK for 10 minutes. Rigged up Welex. Ran GR-CLL-CBL from PBTD to 3200'. Perforated Fruitland interval with 2" sidewinder guns at 1 JSPF as follows:

3644-3651	7'	8 holes	
3660-3672	12'	13 holes	
3684-3695	11'	12 holes	
3698-3714	16'	17 holes	
3721-3729	8'	9 holes	
3735-3743	8'	9 holes	
	<u>62'</u>	<u>68 holes</u>	.33" diameter

Rigged up Dowell. Broke down perforations. Established rate down the casing of 12.0 BPM @ 2000 psi, ISIP = 750 psi. Acidized Fruitland interval with 500 gallons of 7½% DI HCL weighted acid containing 102 l.l s.g. RCN ball sealers. 14 BPM @ 2000 psi. Balled off casing to 4000 psi. Ran junk basket and knocked balls to bottom. Fracture stimulated Fruitland interval with 53,000 gallons of 60 quality superfoam 30 (30 lb/1000 gallons cross-linked gelled water) containing 53,250# 20/40 sand (49,750 lbs in formation)

25,000 gal of Superfoam 30 pad	30 BPM @ 3300 psi
8,000 gal of Superfoam 30 containing 1 pps 20/40 sand	30 BPM @ 4000 psi
10,000 gal of Superfoam 30 containing 2 ppg 20/40 sand	30 BPM @ 4300 psi
8,400 gal of Superfoam 30 containing 3 ppg 20/40 sand	26 BPM @ 4300-5500 psi

(Well screened off at this point in treatment)
ISIP = 5400 psi, 5 min = 5075 psi, 10 min = 4850 psi, 15 min = 4625 psi

Average Rate 30 BPM. Average Pressure 4000 psi. Maximum Pressure 5500 psi. Minimum Pressure 3000 psi. Average nitrogen rate 13,500 SCF/min. Total nitrogen pumped 625,000 SCF. Total fluid to recover 522 bbls. Shut in well overnight for fracture to heal.