

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.)

3. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 516

6. IF INDIAN, ALLETTED OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 516

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., N., OR B.E. AND  
SURVEY OR AREA

Sec 7-T30N-R2W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

1. OIL ☐ GAS ☒ 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

790' FSL & 1675' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, CR, etc.)

7533' GL 7545' RKB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Perforating

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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 12/17/87 thru 1/7/88.

RECEIVED  
BLM MAIL ROOM  
88 FEB 10 PM 1:05  
FARMINGTON RESOURCE AREA  
FARMINGTON, NEW MEXICO

RECEIVED  
FEB 23 1988  
OIL CON. DIV.  
DIST. 3

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

SIGNED Kevin H. McCord  
Kevin H. McCord

TITLE Petroleum Engineer

DATE 2/9/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

ACCEPTED FOR RECORD

FEB 11 1988

\*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

# ROBERT L. BAYLESS

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

Jicarilla 516 #1

## DAILY REPORT

Page 2

11/21/87 (Continued)

Rigged up Dowell. Pumped 10 bbls. of water ahead of cement. Cemented longstring with 300 sacks of Class B cement with 2% D-79 and 1/4# flocele/sack tailed by 150 sacks of 50/50 pozmix with 2% gel, 10% salt and 1/4# flocele/sack. Good circulation throughout job. Circulated cement to the surface. Bumped plug to 2250 psi--held OK. Plug down at 8:45 AM on 11/21/87. Released rig at 12:00 Noon on 11/21/87. Waiting on completion.

12/17/87 Move in and rig up Bayless Rig #4. Nipple up wellhead. Nipple up BOP. Pick up 4 3/4" bit and 2 3/8" tubing. Tag PBSD at 4071 ft. RKB. Shut down for night.

12/18/87 to 12/28/87 Shut down. Waiting on weather.

12/29/87 Rigged up the Western Company. Pressure tested casing and wellhead to 3500 psi--held OK. Circulated hole clean with 2% KCL water. Moved tubing to 3882 ft. RKB. Spotted 250 gallons of 7 1/2% DI HCL acid across perforations. Tripped tubing out of hole. Rigged up Basin Perforators. Ran GR-CLL-CBL from corrected PBSD of 4063 ft. RKB to 3300 ft. RKB (above Ojo Alamo). Very good cement bond all across this interval under 1000 psi pressure. Perforated Pictured Cliffs interval with 3 1/8" casing gun and 2 JSPF as follows:

3814 - 3819	5	11 holes	
3844 - 3847	3	7 holes	
3878 - 3882	<u>4</u>	<u>9</u> holes	
	12'	27 holes	.34" diameter

Broke down Pictured Cliffs interval @ 2000 psi. Established an injection rate of 10 BPM @ 850 psi, ISIP = 500 psi. Acidized the Pictured Cliffs interval with 250 gallons of 7 1/2% weighted HCL acid containing 41 1.1 s.g. RCN ball sealers--10 BPM @ 950 psi. Saw little ball action. Balled off casing to 3500 psi. Surged ball sealers off perforations. Established injection rate of 4 BPM @ 1200 psi, ISIP = 650 psi. Ran junk basket. Recovered 41 ball sealers. Fracture stimulated Pictured Cliffs interval with 22,000 gallons of 70 quality foam containing 30,000 lbs. of 20-40 sand as follows:

# ROBERT L. BAYLESS

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

Jicarilla 516 #1

## DAILY REPORT

Page 3

12/29/87 (Continued)

4500 gallons of 70 quality foam pad	30 BPM @ 2500 psi
5000 gallons of 1 ppg 20-40 sand	30 BPM @ 2600 psi
12,500 gallons of 2 ppg 20-40 sand	30 BPM @ 2600 psi
2483 gallons of 70 quality foam flush	30 BPM @ 2500 psi

ISIP = 2000 psi	10 min = 1750 psi
5 min = 1800 psi	15 min = 1950 psi

All water contained 2% KCL 1 1/2 gal/1000 day stabilization agent and 1 gal/1000 surfactant. Average rate 30 BPM. Average pressure 2600 psi. Maximum pressure 2600 psi. Minimum pressure 2500 psi. Nitrogen pump rate 16,300 scf/min. Total nitrogen pumped 316,546 scf. Total fluid to recover - 358 barrels. Shut well in for 3 hours. Opened well to atmosphere through 1/2" bullplug to clean up. Shut down for night.

12/30/87 to 1/03/88 Well flowing to clean up after frac.

1/04/88 Well blowing slightly. Run in hole with sinker bar on sandline. Tagged sand at 4001 ft. Trip in hole with tubing. Land to swab at 3879 ft. Rigged to swab. Made 10 swab runs. 100% water, slight gas cut. Made 25 bbls. of fluid in 2 1/2 hrs. Annulus pressure 70 psi. Shut well in. Shut down for the night.

1/05/88 Overnight pressures: tubing 40 psi, annulus 230 psi. Rigged to swab. Swabbed well as follows: (see Swab Report). Well made 33 1/2 bbls. swabbing, then kicked off flowing. Well made 38 1/2 bbls for day. Fluid level at 3200 ft. Annulus pressure was 175 psi when well left flowing--heavy gas cut water. Shut down for night.

1/06/88 Well flowing slightly this morning. Annulus pressure 210 psi. Well made 7 1/2 bbls of fluid overnight (15 1/2 hrs.). Shut well in.

1/07/88 Overnight pressures: tubing 200 psi, annulus 350 psi. Blew well down. Rigged to swab. Swabbed well as follows: (see Swab Report). Made 15.3 bbls of fluid in 6 1/2 hrs. Well stopped making fluid. Initial fluid level was 3000 ft. Final fluid level was gas cut at 3500 ft. Well was blowing after each run. Shut well in for 7-day buildup. Shut down for night.