

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 11, 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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	3. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 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 ASSIGNMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below) At surface 990' FNL & 790' FWL	8. FARM OR LEASE NAME Jicarilla 464
14. PERMIT NO.	9. WELL NO. 2
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 7126' GL 7138' RKB	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., R., N., OR S.E.K. AND SURVEY OR AREA Sec. 32, T30N, R3W
	12. COUNTY OR PARISH 13. STATE Rio Arriba NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	PULL OR ALTER CASING
FRACURE TREAT	MULTIPLE COMPLETE
SHOOT OR ACIDIZE	ABANDON*
REPAIR WELL	CHANGE PLANS
(Other)	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	REPAIRING WELL
FRACURE TREATMENT	ALTERING CASING
SHOOTING OR ACIDIZING	ABANDONMENT*
(Other)	

(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.

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

SIGNED Kevin H. McCord TITLE Engineer DATE 11/25/87

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

NMOCG

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# ROBERT L. BAYLESS

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

JICARILLA 464 #2  
Section 32, T30N, R3W  
990' FNL & 790' FWL  
Rio Arriba County, New Mexico

## DAILY REPORT

- 11/17/87 Moved in and rigged up Bayless Rig #4. Nippled up wellhead. Nippled up BOP. Picked up 3 7/8" bit and 1 1/2" EUE tubing. Tagged cement fill at 3991' RKB. Drilled 62' of cement to PBTD of 4053' RKB. Shut down for night.
- 11/18/87 Shut down. Frac crew not available.
- 11/19/87 Rigged up the Western Company. Pressure tested casing to 3500 psi--held OK for 10 minutes. Circulated hole clean with 2% KCL water. Shut down for remainder of day. Perforating company not available. Shut down for night.
- 11/20/87 Moved end of tubing to 4014' RKB. Rigged up the Western Company and spotted 250 gallons of 7 1/2% DI HCL acid across perforation interval. Tripped 1 1/2" tubing out of hole. Rigged up Basin Perforators. Ran GR-CLL from PBTD of 4053' to 3550'. Perforated Pictured Cliffs interval with 3 1/8" casing gun and 2 JSPF as follows:

3977-3984	7'	15 holes
3988-3996	8'	17 holes
3998-4001	3'	7 holes
4010-4014	4'	9 holes
	22'	48 holes (.34" diameter)

Broke down Lower Pictured Cliffs perforations at 1200 psi. Established an injection rate into the perforations of 6.2 BPM @ 650 psi, ISIP = 350 psi. Acidized the Lower Pictured Cliffs interval with 250 gallons of 7 1/2% DI weighted HCL acid containing 72 1.1 s.g. RCN ball sealers--8.0 BPM @ 650 psi. Saw some ball action. Balled off casing to 3500 psi. Bled off pressure. Established injection rate of 8.2 BPM @ 1400 psi, ISIP = 400 psi. Ran junk basket in hole on wireline. Recovered 67 ball sealers. Fracture stimulated Lower Pictured Cliffs interval with 37,500 gallons of 70 quality foam containing 50,000# of 20-40 mesh sand as follows:

7,500 gal. of 70 quality foam pad	30 BPM @ 2050 psi
10,000 gal. of 1 ppg 20-40 sand	30 BPM @ 2100 psi
20,000 gal. of 2 ppg 20-40 sand	30 BPM @ 2100 psi
2,589 gal. of 70 quality foam flush	30 BPM @ 2100 psi

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DAILY REPORT

11/20/87 (Continued)

ISIP = 1200 psi      5 min = 1150 psi  
10 min = 1150 psi      15 min = 1150 psi  
All water contained 2% KCL, 1/2 gal/1000 clay stabilization,  
and 1 gal/1000 surfactant. Average rate 30 BPM, average  
pressure 2100 psi, maximum pressure 2100 psi, minimum pressure  
2000 psi. Average nitrogen rate 15,225 SCR/min, total  
nitrogen 484,154 SCR. Total fluid to recover 284 barrels.  
Shut well in for 3 hours. Flow well back to the atmosphere  
through 1/2" tapped bullplug. Well flowing to cleanup. Shut  
down for night.

11/21/87 Well flowing to cleanup.

11/22/87 Well flowing to cleanup.

11/23/87 Well flowing burnable gas. Flowing casing pressure was 525  
psi through tapped bullplug. Blow well down. Killed well.  
Trip in hole with 1 1/2" tubing. Tagged sand fill at 4014'  
(bottom perf). Attempted to circulate sand out of casing.  
Could not circulate sand. Trip 1 1/2" tubing out of hole.  
Shut down for night.

11/24/87 Killed well. Tripped in hole with hydrostatic bailer on  
1 1/2" tubing. Tagged sand fill at 4014' RKB. Cleaned  
out 39' of sand to PBTD. Tripped hydrostatic bailer out of  
hole. Tripped in hole with 1 1/2" tubing and landed as  
follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	7.00	0- 7
120 jts. 1 1/2" 2.9#/ft J-55 EUE tubing	3958.05	7-3965
1 seating nipple	.75	3965-3966
1 jt. 1 1/2" 2.9#/ft J-55 EUE tubing	32.98	3966-3999
	3998.78	

Nipple down BOP. Nipple up wellhead. Rigged to swab. Made 2  
swab runs. Well kicked off flowing. Left well flowing to the  
atmosphere to clean up. Released rig.