

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 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. WELL TYPE OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		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 AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below) At surface 1850' FSL & 1775' FEL		8. FARM OR LEASE NAME Jicarilla 464	
14. PERMIT NO.		9. WELL NO. 4	
15. ELEVATIONS (Show whether OF, RT, GL, etc.) 7014' GL 7026' RKB		10. FIELD AND POOL, OR WILDCAT East Blanco P.C.	
		11. SEC., T., R., W., OR BLK. AND SURVEY OR AREA Section 31, T30N, R3W	
		12. COUNTY OR PARISH Rio Arriba	
		13. STATE NM	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Perforating	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>			

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

14. 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.) *

PLEASE SEE ATTACHED DAILY REPORTS (2/21/90 thru 3/21/90).

RECEIVED

APR 09 1990

OIL CON. DIV.
DIST. 3

Accepted For Record

APR 04 1990

Chief, Branch of
Mineral Resources
Farmington Resource Area

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

SIGNED <u>Price M. Bayless</u>	TITLE <u>Engineer</u>	DATE <u>3/23/90</u>
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(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ROBERT L. BAYLESS

P. O. BOX 168
FARMINGTON, NM 87499

FAX NO
(505) 326-6911

OFFICE NO
(505) 326-2659

JICARILLA 464 #4
Section 31, T30N, R3W
1850' FSL & 1775' FEL
Rio Arriba County, New Mexico

UPPER PICTURED CLIFFS RECOMPLETION

2/21/90 Move in and rig up Bayless Rig 4. Blow down well. Nipple down wellhead. Nipple up BOP. Trip out of hole with 123 jts. of 1 1/2" tubing. Shut down for night.

2/22/90 Blow down well. Rig up Husky Wireline. Set drillable bridge plug at 3850 ft. RKB. Trip in hole with 1 1/2" tubing. Rig up the Western Company. Pressure tested casing and bridge plug to 3000 psi--held OK. Spotted 250 gallons of 7 1/2% DI HCL across perforation interval. Trip tubing out of hole. Perforated upper Pictured Cliffs interval with 3 1/8" casing gun and 2 JSPF as follows:

3701 - 3705	4'	9 holes
3714 - 3725	11'	23 holes
3729 - 3731	2'	5 holes
3736 - 3738	2'	5 holes
	<u>19'</u>	<u>42 holes</u> (.34" diameter)

Broke down perforations @ 900 psi. Established injection rate of 4.3 BPM @ 750 psi, ISIP = 350 psi. Acidized upper Pictured Cliffs interval with 250 gallons of 7 1/2% weighted HCL acid containing 63 1.1 s.g. RCN ball sealers - 5.7 BPM @ 730 psi. Saw very little ball action. Balled off casing to 3000 psi. Surged balls off perforations. Established injection rate down casing of 4.0 BPM @ 600 psi, ISIP = 400 psi (FG = .54). Ran junk basket to retrieve ball sealers. Recovered 63 balls.

2/23/90 Rig up Western Company to frac Pictured Cliffs and frac as follows:

Pad:	15,000 gal. of 70 quality foam	
1#:	20,000 gal. of 70 quality foam	
2#:	40,000 gal. of 70 quality foam	20,000# 20-40 sand
Flush:	<u>2,409 gal.</u> of 70 quality foam	<u>80,000#</u> 20-40 sand
	77,409 gal.	100,000#

Maximum treating pressure @ 2050 psi. Average treating pressure @ 2000 psi, ISIP = 1600 psi. Shut well in for 6 hrs. Open well through 1/4" tapped bullplug. Flow well to pit. Total fluid to recover = 533 bbls.

Jicarilla 464 #4

RECOMPLETION

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- 2/26/90 Trip in hole with tubing. Slight blow. Tag sand @ ± 3710 ft. Attempt to circulate--unsuccessful. Tubing sanded in hole. Work pipe. Shut down for night.
- 2/27/90 Rig up Wireline Specialties. Run free point. Tubing free @ 3535 ft. Chemical cut tubing. Trip out of hole. Pick up 150 ft. of wash pipe. Trip in hole and wash over fish. Trip out of hole and lay down wash pipe. Pick up overshot. Trip in hole and catch fish. Pull 10 stands. Shut down for night.
- 2/28/90 Finish trip out of hole. Lay down fish. Trip in hole with sawtooth collar. Attempt to clean out sand. Lost circulation. Trip out of hole. Pick up hydrostatic bailer. Trip in hole with bailer. Load hole w/KCL water. Clean out sand to 3838 ft. Trip out with tubing.
- 3/01/90 Finish trip out of hole. Trip in hole. Tag sand at 3800 ft. Lay down 3 jts. of tubing and land well as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	9.00	0- 9
115 jts. 1 1/2" 2.9#/ft J-55 EUE tubing	3669.74	9-3679
1 seating nipple	1.00	3679-3680
1 jt. 1 1/2" 2.9#/ft J-55 EUE tubing	<u>32.00</u>	3680-3712
	3711.74	

Nipple down BOP and make up wellhead. Rig up to swab. Make 10 swab runs. Recover 20 bbls. of fluid. Shut well in overnight. Remaining fluid to recover = 553 bbls. (unable to gauge water that blew back to reserve pit after frac).

- 3/02/90 Tubing pressure = 0 psi, casing pressure = 100 psi. Make 34 swab runs. Recover 60 bbls. of fluid. No blow. Casing pressure building. Shut down for night. Total fluid to recover = 493 bbls.
- 3/03/90 Tubing pressure = 150 psi, casing pressure = 650 psi. Kick well off with 1 swab run. Leave well flowing over weekend. Total fluid to recover = 488 bbls.
- 3/05/90 Well died on 3/3/90. Shut in. Tubing pressure = 150 psi, casing pressure = 650 psi. Kick well off with 1 swab run. Kept dying. Swab tubing dry. Slight blow. Shut well in. Remaining fluid to recover = 433 bbls.

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- 3/06/90 Tubing pressure = 250 psi, casing pressure = 750 psi. Swab on well--won't continue flowing. Shut well in for 7-day buildup. Fluid to recover = 423 bbls.
- 3/15/90 Tubing pressure = 625 psi, casing pressure = 700 psi. Blow well down. Nipple up BOP. Pick up tubing and tag sand @ 3710 ft. Trip out and pick up hydrostatic bailer. Trip in hole. Clean out 65 ft. of sand. Trip out of hole. Trip in and land tubing as before. Nipple down BOP and make up wellhead. Shut down for night.
- 3/16/90 Tubing pressure = 0 psi, casing pressure = 25 psi. Make 30 swab runs. Showing traces of gas. Shut well in over weekend. Total fluid to recover = 383 bbls.
- 3/19/90 Tubing and casing pressure @ 650 psi. Open well. Flowed for several hours, then logged off. Tubing pressure = 0 psi, casing pressure = 560 psi.
- 3/20/90 Tubing pressure = 325 psi, casing pressure = 675 psi. Open well to pit. Flowed briefly, then died. Swab well, kick off. Flowed for period after each swab. Shut well in overnight. Total fluid to recover = 346 bbls.
- 3/21/90 Tubing pressure = 240 psi, casing pressure = 590 psi. Open well to pit for evaluation.