

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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. <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 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 & 1450' FWL		8. FARM OR LEASE NAME Jicarilla 464	
14. PERMIT NO.		9. WELL NO. 8	
15. ELEVATIONS (Show whether OP, RT, GR, etc.) 7197' GL 7209' RKB		10. FIELD AND POOL, OR WILDCAT East Blanco P.C.	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, 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:		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 type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Cement longstring</u>	
(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 10/12/88 thru 10/17/88.

RECEIVED
OCT 18 1988

83 OCT 18 PM 1:29

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

RECEIVED
OCT 21 1988
OIL CON. DIV.
DIST. 3

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

SIGNED <u>Kevin H. McCord</u>	TITLE <u>Petroleum Engineer</u>	DATE <u>10/17/88</u>
(This space for Federal or State office use)		

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

ACCEPTED FOR RECORD

OCT 19 1988

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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)*
At surface 1850' FSL & 1450' FWL
At top prod. interval reported below same
At total depth same

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 464

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 464

9. WELL NO.
8

10. FIELD AND POOL, OR WILDCAT
East Blanco P.C.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 29, T30N, R3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED 10/10/88 16. DATE T.D. REACHED 10/15/88 17. DATE COMPL. (Ready to prod.) 11/25/88 18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 7197' GL; 7209' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4200' 21. PLUG, BACK T.D., MD & TVD 4147' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0 - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 3778 - 4043 25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN IEL - FDC - CNL 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE				
8-5/8"	24.0#/ft	140' KB	12-1/4"		145 sx (171 ft ³) Class B w/2% CaCl ₂		w/2% CaCl ₂
4-1/2"	10.5#/ft	4187' KB	7-7/8"		100 sx (206 ft ³) Class B w/2% Econolite & 1/4# flocele/sx; 175 sx (221 ft ³) 50/50 pozmix w/2% gel, 10% salt		1/4# flocele/sx

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4023' KB	none

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1 JSPF: (P.C. w/3-1/8" gun)	2 JSPF:			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3778-3802 - 25 holes	3962-3966 - 9 holes			3778 - 4043	500 gal. 7 1/2% DI weighted HCL acid w/96 l.l s.g. RCN ball sealers; 88,500 gal. 70 quality foam w/77,000# 20-40 sand
3805-3821 - 17 holes	4006-4013 - 15 holes				
3829-3840 - 12 holes	4018-4022 - 9 holes				
3842-3851 - 10 holes	4025-4029 - 9 holes				
	4037-4043 - 13 holes				
	(.34" diameter)				

33.* PRODUCTION 995,000 SCF nitrogen

DATE FIRST PRODUCTION 12/5/88 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing producing

DATE OF TEST 12/4/88 HOURS TESTED 3 CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD -0- OIL—BBL. 316 GAS—MCF. -0- WATER—BBL. N/A GAS-OIL RATIO N/A

FLOW. TUBING PRESS. 150 CASING PRESSURE 520 CALCULATED 24-HOUR RATE -0- OIL GRAVITY-API (CORR.) N/A

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) vented

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Kevin H. McCord Petroleum Engineer DATE 12/19/88

David Ball

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Ojo Alamo	3253	3489	water	Ojo Alamo	3253
Kirtland	3489	3727	water	Kirtland	3489
Fruitland Coal	3727	3770	water	Fruitland Coal	3727
Pictured Cliffs	3770	4200	natural gas	Pictured Cliffs	3770

ROBERT L. BAYLESS

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

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OIL CON. DIV
DIST. 3

JICARILLA 464 #8
Section 29, T30N, R3W
1850' FSL & 1450' FWL
Rio Arriba County, New Mexico

DAILY REPORT

- 10/11/88 Spud well at 2:30 PM on 10/10/88. Ran 3 jts. (127.33 ft.) of 8 5/8" 24.0#/ft J-55 casing and landed at 140 ft. RKB. Cemented surface with 145 sx (171 ft³) Class B cement w/2% CaCl₂. Good circulation throughout. Circulate 6 bbls. to surface. Plug down at 6:45 PM on 10/10/88.
- 10/12/88 Drilling ahead at 1973'.
- 10/13/88 Drilling ahead at 2925'. Wash 35 ft. on trip #3.
- 10/14/88 Drilling ahead at 3658'.
- 10/15/88 Lost circulation at 3940'. Lost approximately 100 bbls. Regained with LCM pill. Drill ahead. Lost circulation at 3970'. Mix and pump pill--no returns. Lost 200 bbls. of mud. Mix 250 bbls. of 10-15% LCM mud. Regain circulation after 75 bbls. of losses. Wash 25 ft. to bottom. Lost full returns. Circulate and regain partial circulation. Mix and retain 28% LCM in mud. Total lost circulation was 625 bbls.
- 10/16/88 Regain 95% circulation with 28% LCM in mud systm. Drill to TD of 4200' at 4:45 PM on 10/15/88. Lost approximately 200 more bbls. of mud while drilling to TD. Approximate total mud lost was 1000 bbls. Circulate for 2 hours (20-25% LCM). Short trip--20 stands--no fill. Trip out of hole for logs. Rig up Welex. Ran IEL, FDC, CNL logs. Trip in hole with drillpipe to lay down.
- 10/17/88 Lay down drillpipe and collars. Ran 98 jts. of 4 1/2" 10.5#/ft casing as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	12.00	0- 12
97 jts. 4 1/2" 10.5#/ft J-55 new casing (Domestic-Maverick)	4130.66	12-4143
1 DFFC	1.62	4143-4144
1 jt. 4 1/2" 10.5#/ft J-55 new casing	42.33	4144-4187
1 cement filled guide shoe	.60	4187-4187
	4187.21	

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Jicarilla 464 #8

DAILY REPORT

Page 2

10/17/88 (Continued)

Centralizers at 4167, 4015, 3845, 3803, 3770 and 3685. Rig up Halliburton. Cement longstring casing with 100 sacks (206 ft³) of Class B cement with 2% Econolite and 1/4# flocele/sx; tailed by 175 sacks (221 ft³) of 50/50 pozmix w/2% gel, 10% salt and 1/4# flocele/sx. Full or partial returns throughout job. Bumped plug--held OK. Plug down at 2:30 PM on 10/16/88. Rig down rig. Wait on completion.