Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
91 JUN 21 PM 1:00
070 FARMINGTON, N.M.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: Jicarilla Contract 464
6. If Indian, Allottee or Tribe Name: Jicarilla Apache Tribe
7. If Unit or CA, Agreement Designation:

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
8. Well Name and No.: Jicarilla 464 #2
2. Name of Operator: Robert L. Bayless
9. API Well No.: 30-039-24158
3. Address and Telephone No.: P.O. Box 168, Farmington, NM 87499
10. Field and Pool, or Exploratory Area: East Blanco P.C.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 990' FNL & 790' FWL, Section 32, T30N, R3W
11. County or Parish, State: Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[X] Recompletion to Basin Fruitland Coal	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

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

13. 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 report.

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OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Signed: Lynn A. Wood Title: Petroleum Engineer Date: 6/21/91

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

APPROVED
JUL 10 1991
AREA MANAGER
FARMINGTON RESOURCE AREA

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.

*See Instruction on Reverse Side

NMOCD

ROBERT L. BAYLESS
JICARILLA 464 #2
FRUITLAND COAL RECOMPLETION

Existing Tubing: 115 jts. of 1 1/2" 2.9 #/ft. J-55 EUE set at 3782
Casing: 4 1/2" 11.6 #/ft. J-55 set at 4098
Existing Pictured Cliffs Perforations: 3736 - 3830 upper P.C.
3977 - 4014 lower P.C.
Drillable bridge plug @ 3950 ft. (between upper-lower P.C.)
Last sand fill @ 3849 ft. (19 ft. below upper PC perfs)

1. Move in and rig up completion unit.

2. Kill well.

3. Pick up 2 + joints of 1 1/2" tubing and tag sand fill in well (expected to be 3849 ft. - add 67 of tubing).

4. Trip tubing out of hole.

5. Rig up wireline. Set cast iron drillable bridge plug at 3734 ft. - RKB by wireline.

6. Pressure test casing and bridge plug to 3500 psi.

7. Perforate Fruitland Coal interval with 3 1/8" casing guns and 4 JSPF as follows:

3680 - 3690	10'	40 holes
3694 - 3702	8'	32 holes
	18'	72 holes

Total 72 perforations (.39" diameter)

8. Break down perforations with 2% KCL water. Establish an injection rate and pressure down casing. Desired rate is 6 to 8 BPM. Pump 250 gallons of 7 1/2% weighted HCL acid containing 108 1.1 s.g. RCN ball sealers to breakdown and cleanup perforations. Attempt to balloff casing to 3500 psi.

9. Run junk basket to recover ball sealers.

10. Trip tubing in hole with end of tubing at ± 3685 ft.

11. Swab well and report results.

12. Trip tubing out of hole.

13. Fracture Stimulate the Fruitland Coal interval with 58,000 gallons of 25 #/1000 gel X-linked borate gelled fluid containing 6,000 lbs of 40-60 sand and 120,000 lbs of 20-40 sand as follows:

15,000 gallons of X-linked pad.
2,000 gallons of 1 ppg 40-60 sand.
3,000 gallons of X-linked pad.
2,000 gallons of 2 ppg 40-60 sand.
10,000 gallons of 2 ppg 20-40 sand.
10,000 gallons of 3 ppg 20-40 sand.
10,000 gallons of 4 ppg 20-40 sand.
6,000 gallons of 5 ppg 20-40 sand.
2,350 gallons of flush.

Desired Rate: 40 BPM Expected Treating Pressure: 2700 PSI.

14. Shut in well overnight to allow gel to break.

15. Trip in hole with a seating nipple on tubing. Circulate out sand to PBTD. Land tubing such that bottom of tubing is ± 3685.

16. Swab well if necessary to kick off. Flow well for cleanup for AOF.