

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
MAIL ROOM
MAY 17 PM 1:03

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

5. Lease Designation and Serial No.
Jic. MDA 701-90-0002

6. If Indian, Allottee or Tribe Name
Jicarilla Apache Tribe

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Robert L. Bayless

3. Address and Telephone No.
P.O. Box 168, Farmington, NM 87499 (505) 325-2659

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1565' FSL & 1015' FWL
Section 6, T31N, R3W

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Jicarilla 31-3-6-2

9. API Well No.
10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State
Rio Arriba, NM

~~CONFIDENTIAL~~

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

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>see below</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> 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.)*

Log, core, cement longstring. (see attached daily report).

To comply with BLM's cementing requirements, attached please find a copy of the cementing report furnished by Halliburton Services.

RECEIVED
JUN 4 1991
OIL CON. DIV.
DIST. 3

ACCEPTED FOR RECORD
JUN 07 1991
FARMINGTON RESOURCE AREA
BY [Signature]

14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Petroleum Engineer Date 5/16/91

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

P. O. BOX 168
FARMINGTON, NM 87499

FAX NO
(505) 326-6911

OFFICE NO
(505) 326-2659

JICARILLA 31-3-6-2
SEC. 6-T31N-R3W
1565' FSL & 1015' FWL
RIO ARriba COUNTY, NM

- 5-9-91 Spud well at 6 p.m., 5/8/91. TD surface at 11:30 p.m., 5/8/91. Ran 4 jts. (141.00 ft) 8 5/8" 24# J-55 ST&C casing. Land at 153 ft. RKB. Cement with 125 sx of Class B with 2% CaCl, circulate 7 bbls. to pit. Plug down at 3:30 a.m., 5/9/91. Wait on cement.
- 5/10/91 Drilling ahead at 1507'. Approximate penetration at 60' per hour.
- 5/11/91 Hole sloughing at 1632. bit #2 has nose cone cracked all the way around. Rig repair - change filter.
- 5/12/91 Wash from 1830 - 2200.
- 5/13/91 Drilling ahead at 3532'.
- 5-14-91 Log at TD 0600. Log TD 3930.
- 5-15-91 Finished logging. Ran IES-FDC-CNL and Spectral Density logs. Took 5 sidewall cores of Fruitland interval. Tripped in hole with drillpipe - found 30 ft of fill - Circulate fill from hole. LDDP and collars - Ran 97 jts. of 4 1/2" 11.6 #/ft. J-55 new Jap Mkk casing as follows:

| <u>Description</u> | <u>Length</u> | <u>Depth</u> |
|---------------------------------|----------------|--------------|
| KB to landing point | 12.00 | 0-12 |
| 50 jts. 4 1/2" 11.6 #/ft casing | 2015.34 | 12-2027 |
| 1 D.V. tool | 2.15 | 2027-2029 |
| 46 jts. 4 1/2" 11.6 #/ft casing | 1854.58 | 2029-3884 |
| 1 sure seal float collar | 1.46 | 3884-3886 |
| 1 jt. 4 1/2" 11.6 #/ft. casing | 40.35 | 3886-3926 |
| 1 cement filled guide shoe | 0.70 | 3926-3927 |
| | <u>3926.58</u> | |

Centralizers at 1987, 2071, 3604, 3644, 3684, 3724, 3765, and 3908. Turbo Centralizers at 3039, 3079, 3362, and 3402. Rigged up Halliburton - pumped 10 bbls of water ahead.

Cemented first stage with 100 sx (206 ft³) of Class B with 2% econolite tailed by 325 sx (410 ft³) of 50/50 pozmix with 2% gel and 10% salt - good circulation throughout job - bumped plug at 1200 PSI - plug down at 3:30 a.m., 5/15/91 - dropped bomb - opened D.V. Tool at 600 PSI - circulated for 3 hrs. - saw cement returns from 1st stage, approximately 20 bbls. Pumped 10 bbls. of water ahead - cemented 2nd stage with 50 sx (59 ft³) of Class B cement tailed by 375 sx (773 ft³) of Class B cement with 2% econolite - good circulation throughout job circulated 40 bbls. of cement to surface - bumped plug to 2500 PSI - held ok - plug down at 7:15 a.m., 5/15/91 - set slips on casing - Rig down - Rig release at 11 a.m., 5/15/91 - Wait on completion.

HALLIBURTON SERVICES JOB LOG

WELL NO. 2 LEASE Jicarilla 31-3-6 TICKET NO. 122682
 CUSTOMER Bayless Drilling PAGE NO. _____
 JOB TYPE 1 1/2 stage LOW STAINING DATE 5-13-91

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| | 2230 | | | | | | | on location, Rig up, safety meeting |
| | 0245 | 6 | 10 | | | | 50 | Begin pumping water AHEAD |
| | 0250 | 6 | 37 | | | | 100 | Start mixing and pumping LEAD CEMENT mixed @ 12.5#/gal |
| | 0255 | 6 | 73 | | | | 200 | LEAD complete Begin mixing TAIL @ 13.5#/gal |
| | 0310 | | | | | | | Shut Down WASH pumps & lines Weatherford Drops plug |
| | 0312 | 4-2 | 28 | | | | 400 | Start Displacing with water |
| | 0318 | 4-2 | 32 | | | | 600 | Start mud Displacement |
| | 0330 | | | | | | 1100 | Plug LANDS CHECK FLOAT - OK - Drop Bomb |
| | 0445 | | | | | | 1500 | Try DV Tool, Did not open |
| | 0450 | | | | | | | Tool open Rig up to circulate First Stage Complete |
| | 0635 | 6 | 10 | | | | 50 | Start H ₂ O AHEAD |
| | 0637 | 6 | 10.5 | | | | 200 | Begin mixing and pumping 1 st LEAD mixed @ 15.1#/gal |
| | 0639 | 6 | 133 | | | | 200 | 1 st LEAD complete start 2 nd LEAD mixed @ 12.5#/gal |
| | 0705 | | | | | | | As per Comm not run 50 sec tail cement Shut Down WASH pumps & lines Weatherford Drop Shut off plug |
| | 0707 | 4-2 | 31.5 | | | | 400 | Begin Displacement |
| | 0715 | | | | | | 2500 | plug LANDS, open Release DV Tool not closed, decompress and wait 2 min Open Release DV (closed) circulated surge out 1 st 40 BBL SECOND |
| | 0730 | | | | | | | Job Complete |
| | | | | | | | | THANKS |
| | | | | | | | | JIM & CREW |

CUSTOMER