

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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

98 FEB 30 AM 11:18
BLM ALBUQUERQUE, N.M.

5. Lease Designation and Serial No.

Contract 10

6. If Indian, Allottee or Tribe Name

Jicarilla

039 ALBUQUERQUE, N.M.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Elm Ridge Resources Inc.

3. Address and Telephone No.

312 West La Plata Street Farmington, NM 87401 326-7099

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

985' FNL & 305" FWL
Sec. 4-T24N-R25W

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Jicarilla #1

9. API Well No.

30-039-05678

10. Field and Pool, or Exploratory Area

Basin Dakota / Chaco

11. County or Parish, State

Rio Arriba

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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 plugging procedure.

Geol
Surf
Appvl 02/3/1/99

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

Signed Gregory E. Emery

Title OPERATIONS MANAGER

Date 2/27/98

(This space for Federal or State office use)

Approved by [Signature]

Title Lands and Mineral Resources

Date MAR 15 1999

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

PLUG AND ABANDONMENT PROCEDURE

JICARILLA TRIBAL CONT. 10 # 1-4
DAKOTA/GALLUP/MESAVERDE
SEC. 4, T24N, R5W
RIO ARRIBA, NEW MEXICO

NOTE: ALL CEMENT VOLUMES USE 50% EXCESS OUTSIDE PIPE AND 50 FT. EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.3 ppg, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.

1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY TO ALL BLM, BIA, AND ELM RIDGE SAFETY RULES AND REGULATIONS. MOL AND RU CEMENTING EQUIPMENT. CONDUCT SAFETY MEETING FOR ALL PERSONNEL ON LOCATION. NU RELIEF LINE TO BLOW DOWN WELL. KILL WITH WATER AS NECESSARY.
2. **PLUG #1 (DAKOTA, GALLUP; 5810'-7200' STRING "A"):** TIE PUMP TRUCK ONTO DAKOTA STRING AND ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MONITOR BACKSIDE FOR COMMUNICATION. IF NO COMMUNICATION, MIX AND PUMP 52 SX CLASS B CEMENT AND DISPLACE TO 5710'. WOC. TAG TOC W/ WIRELINE NO DEEPER THAN 5810'.
3. **PLUG #2 (MESAVERDE; 3200'-4700' STRING "A"):** RIH WITH WIRELINE AND PERFORATE 4 SQUEEZE HOLES @ 4700'. ESTABLISH INJECTION RATE THROUGH PERFORATIONS W/ WATER. MIX AND PUMP 98 SX CLASS B CEMENT AND DISPLACE TO 3100'. WOC. TAG TOC W/ WIRELINE NO DEEPER THAN 3200'.
4. **PLUG #3 (GALLUP, MESAVERDE; 3200'-6310' STRING "B"):** TIE PUMP TRUCK ONTO GALLUP STRING AND ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MONITOR BACKSIDE FOR COMMUNICATION. IF NO COMMUNICATION, MIX AND PUMP 108 SX CLASS B CEMENT AND DISPLACE TO 3100'. WOC. TAG TOC W/ WIRELINE NO DEEPER THAN 3200'.
5. **PLUG #4 (MESAVERDE; 3200'-3762' STRING "C"):** TIE PUMP TRUCK ONTO MESAVERDE STRING AND ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MONITOR BACKSIDE FOR COMMUNICATION. IF NO COMMUNICATION, MIX AND PUMP 20 SX CLASS B CEMENT AND DISPLACE TO 3100'. WOC. TAG TOC W/ WIRELINE NO DEEPER THAN 3200'.
6. MOL AND RU DAYLIGHT PULLING UNIT. ND WELLHEAD. NU BOP. RU WIRELINE AND RIH WITH TUBING CUTTER IN MESAVERDE STRING "C". CUT 2 7/8" TUBING AT 2500'. POOH AND LD TUBING.
7. RU WIRELINE AND RIH WITH TUBING CUTTER IN GALLUP STRING "B". CUT 2 7/8" TUBING AT 2490'. POOH AND LD TUBING.
8. RU WIRELINE AND RIH WITH TUBING CUTTER IN DAKOTA STRING "A". CUT 2 7/8" TUBING AT 2480'. PUH TO 2400'.
9. **PLUG #5 (NACIMIENTO; 2200'-2400'):** ESTABLISH CIRCULATION TO SURFACE WITH WATER. PLACE 136 SX CLASS B CEMENT PLUG ACROSS OPEN HOLE. PUH. WOC. TAG TOC NO DEEPER THAN 2200'.
10. **PLUG #6 (FRUITLAND; 1350'-1500'):** PUH TO 1500'. PLACE 102 SX CLASS B CEMENT PLUG ACROSS OPEN HOLE. PUH. WOC. TAG TOC NO DEEPER THAN 1350'.
11. **PLUG #7 (SURFACE CASING SHOE, SURFACE; 0'-262'):** MIX AND PUMP APPROXIMATELY 145 SX CLASS B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE. POOH.
12. ND BOP AND CUT OFF WELL HEAD BELOW SURFACE CASING FLANGE. INSTALL DRY HOLE MARKER. RD, MOL AND CUT OFF ANCHORS. RESTORE LOCATION PER BLM, BIA STIPULATIONS.

NOTE: IF TUBING COMMUNICATES WITH THE BACKSIDE IN STEPS #2, #4, OR #5, A DAYLIGHT PULLING UNIT WILL NEED TO MOL AND RU TO PU A 1" WORK STRING AND PLACE THE PLUGS ACROSS THE FORMATION PERFORATIONS.

JICARILLA TRIBAL
CONT. 10 #1-4
CURRENT
TRI COMPLETION
SEC. 4, T24N, R5W RIO ARRIBA, NM

12 1/4" HOLE TO
212'

10 3/4" CSG @ 212', CMT W/ 175 SX CMT.
CIRCULATED

9 7/8" HOLE FROM
212' - 3762'

TOC @ +/- 3093'

STRING "C"
2 7/8" @ 3762'
CMT W/ 300 SX

8 3/4" HOLE FROM
3762' - 6310'

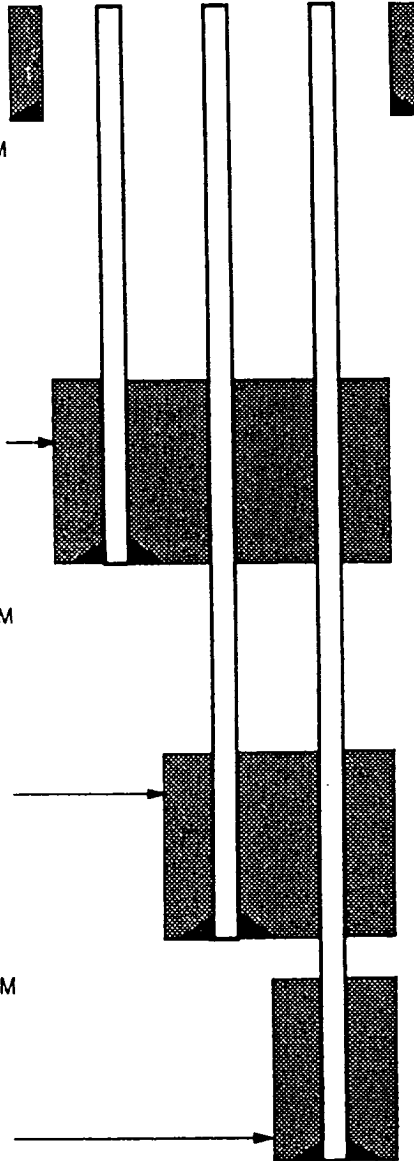
TOC @ +/- 5769'

STRING "B"
2 7/8" @ 6310'
CMT W/ 200 SX

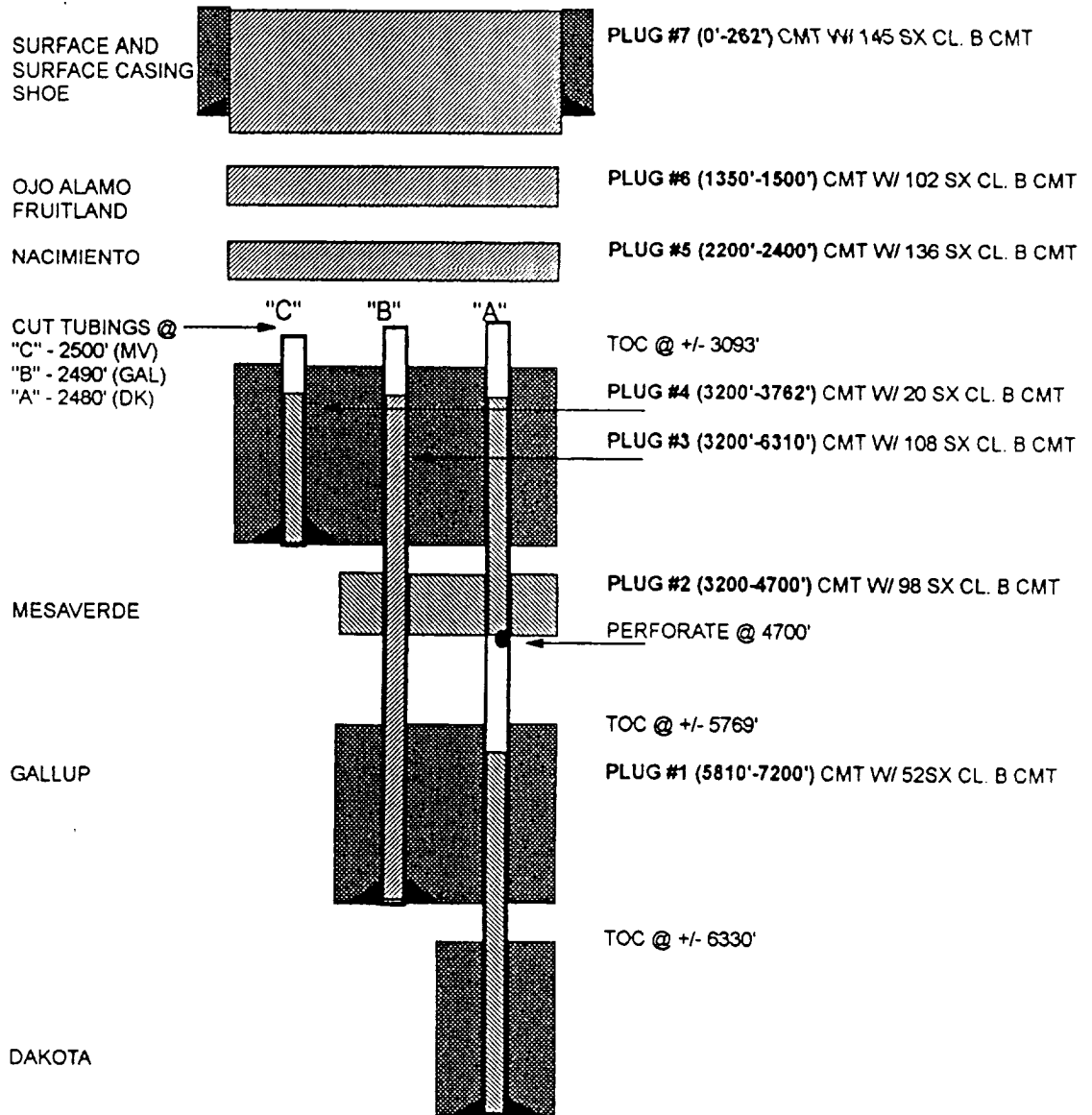
6 3/4" HOLE FROM
6310' - 7200'

TOC @ +/- 6330'

STRING "A"
2 7/8" @ 7200'
CMT W/ 200 SX



JICARILLA TRIBAL
CONT. 10 #1-4
PURPOSED
 TRI COMPLETION
 SEC. 4, T24N, R5W RIO ARRIBA, NM



CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Elm Ridge Resources Co. Well Name Jic 10 #1-4

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

The 2-7/8" casing stubs must be covered with a cement plug extending a minimum of 50 feet above and below the stub. This can be accomplished by changing Plug #5 to extend from 2200' to 2550' or place a separate plug at 2430' to 2550'.