

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.
Jicarilla Contract 428

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

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Jicarilla Contract 428 #2

9. API Well No.
30-043-20178

10. Field and Pool, or Exploratory Area
S. Lindrith GP-DK, etc.

11. County or Parish, State
Sandoval County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Elm Ridge Exploration Company, LLC

3a. Address
P.O. Box 156 Bloomfield, NM 87413

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

3b. Phone No. (include area code)
(505) 632-3476 ext. 203

790' FNL X 790' FEL Sec.31-T23N-R4W NE/NE

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This well is incapable of production. Elm Ridge Exploration Company, LLC therefore requests approval to plug and abandon this well according to the attached procedure.

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

Name (Printed/Typed)

Amy Mackey

Title

Production Assistant

Signature

Date

September 22, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

OCT 11 2006

Conditions of approval, if any, shall be stated here. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

Plugging Program for Jicarilla 428 #2:

Plug 1: Release and TOOH with 2-7/8" packer and 1-1/4" tubing. TIH inside 2-7/8" casing with 1-1/4" tubing to PBTD'. Pump 77 sx (including excess), or sufficient volume to bring cement to surface, inside 2-7/8" casing. Annular cement fill will be placed through the 4-1/2" casing string.

Plug 2: Using existing 2-3/8" tubing string, pick up and TIH inside 4-1/2" casing with approximately 3 stands of additional 2-3/8" tubing. Spot 104 sx (including excess) from 6425-5112', to cover Dakota and Gallup tops. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 3: Spot 12 sx (including excess) to cover 100' from 3679-3579', across Cliff House top. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 4: Spot 12 sx (including excess) to cover 100' from 2580-2480', across Chacra top. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 5: Spot ~~42~~ sx (including excess) to cover ~~100'~~ from ^{2040'} ~~1894~~-1794', across Kirtland-Fruitland top. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 6: Perf 4 holes at 1723'. TIH with 4-1/2" 10.5# cement retainer, and set at 1673'. Squeeze below retainer with 93 sx (including excess) and spot 4 sx on top of retainer, to cover 100' inside and outside, from 1723-1623', across Ojo Alamo top. Pull up and reverse circulate with 2 tubing volumes of water. TOOH with 2-3/8" tubing.

Plug 7: Perf 4 holes at 375'. Tie onto 4-1/2" 10.5# casing. Pump 281 sx (including excess), or sufficient volume, to cover Nacimiento top inside and outside casing, and to bring cement to surface, inside and outside 4-1/2" casing.

Remediate location according to BLM conditions of approval.

Elm Ridge Resources

Pertinent Data Sheet

Well Name: Jicarilla 428 #2
Footage: 790' FNL and 790' FEL
Location: Section 31, T23N, R4W
County: Sandoval County, NM
API#: 30-043-20178

Field: Ballard Pictured Cliffs
 Wildcat Tancosa Chacra
 S. Lindrith Gallup-Dakota

Elevation: 6856' KB

TD: 6662' KB
PBTD: 6563' KB

Completed: 9/14/75

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
13-3/4"	10-3/4"	32.75#	N/A	230'	125 sx (Circ. To Surface)
9-7/8" (2750')	2-7/8"	6.4#	J-55	2746'	490 cf (TOC: 2096' CBL)
9-7/8"/7-7/8"	4-1/2"	10.5#	J-55	6631'	Stg 1: 399 cf Stg 2: 315 cf (DV@4560' ⁽¹⁾)

⁽¹⁾ 1st Stage: TOC: 4804' (CBL). 2nd Stage: TOC 3330' (CBL). Remedial Squeeze: 4 holes at 2010'.
 Squeezed with 110 sx. TOC: 1827' (Calc.)

Tubing: Inside 2-7/8" casing: 1-1/4" tubing, with packer set at 2500'.
 Inside 4-1/2" casing: 2-3/8" tubing set at 6241'.

Formation Tops:

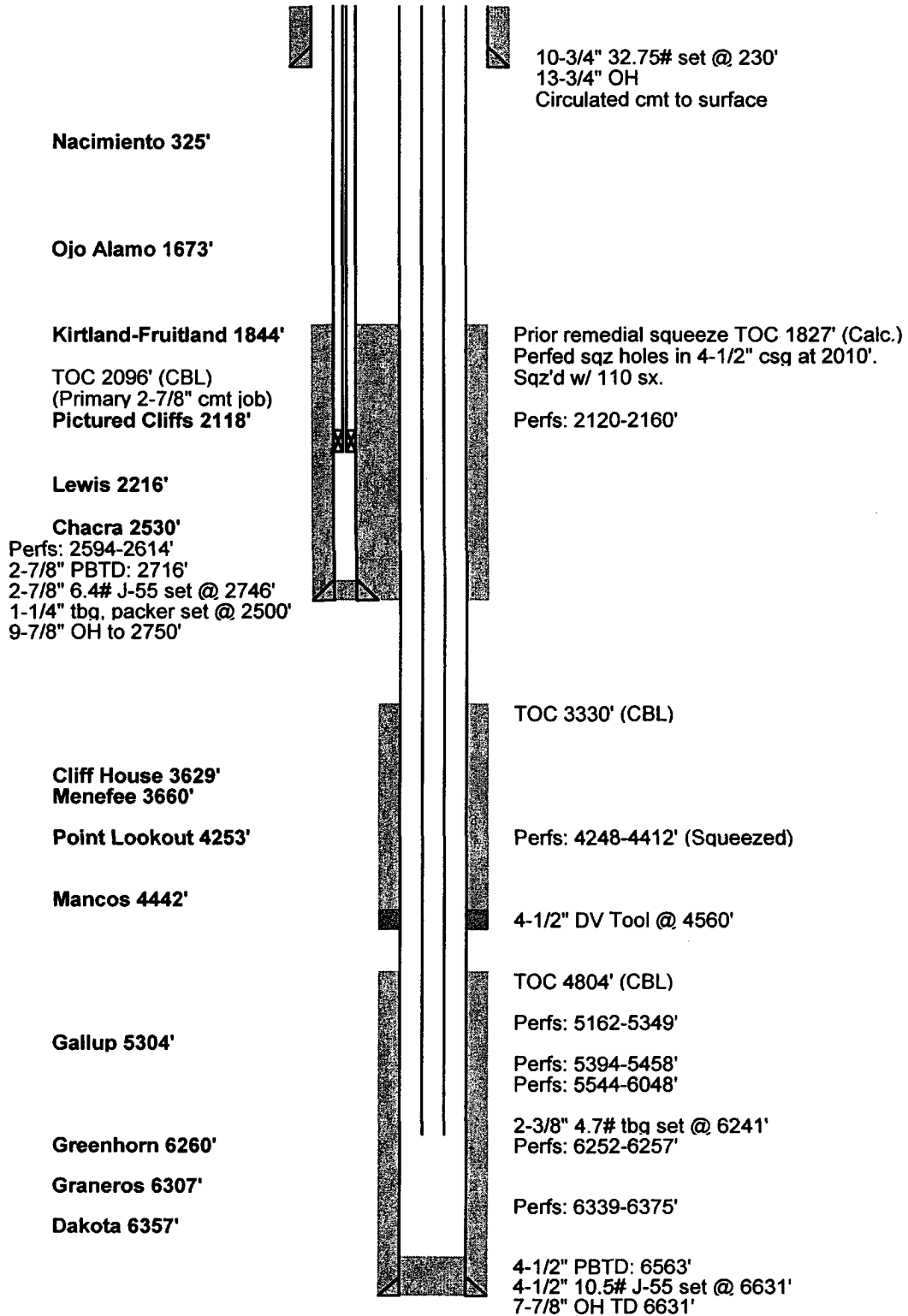
Nacimiento 325'
 Ojo Alamo 1673'
 Kirtland-Fruitland 1844'
 Pictured Cliffs 2118'
 Lewis 2216'
 Chacra 2530'
 Cliff House 3629'
 Menefee 3660'
 Point Lookout 4253'
 Mancos 4442'
 Gallup 5304'
 Greenhorn 6260'
 Graneros 6307'
 Dakota 6357'

Perforations:

Pictured Cliffs: 2120-2160'
 Chacra: 2594-2614'
 Mesaverde: 4248-4412' (squeezed)
 Gallup: 5162-5458'
 L. Gallup-Graneros: 5544-6257'
 Dakota: 6339-6375'

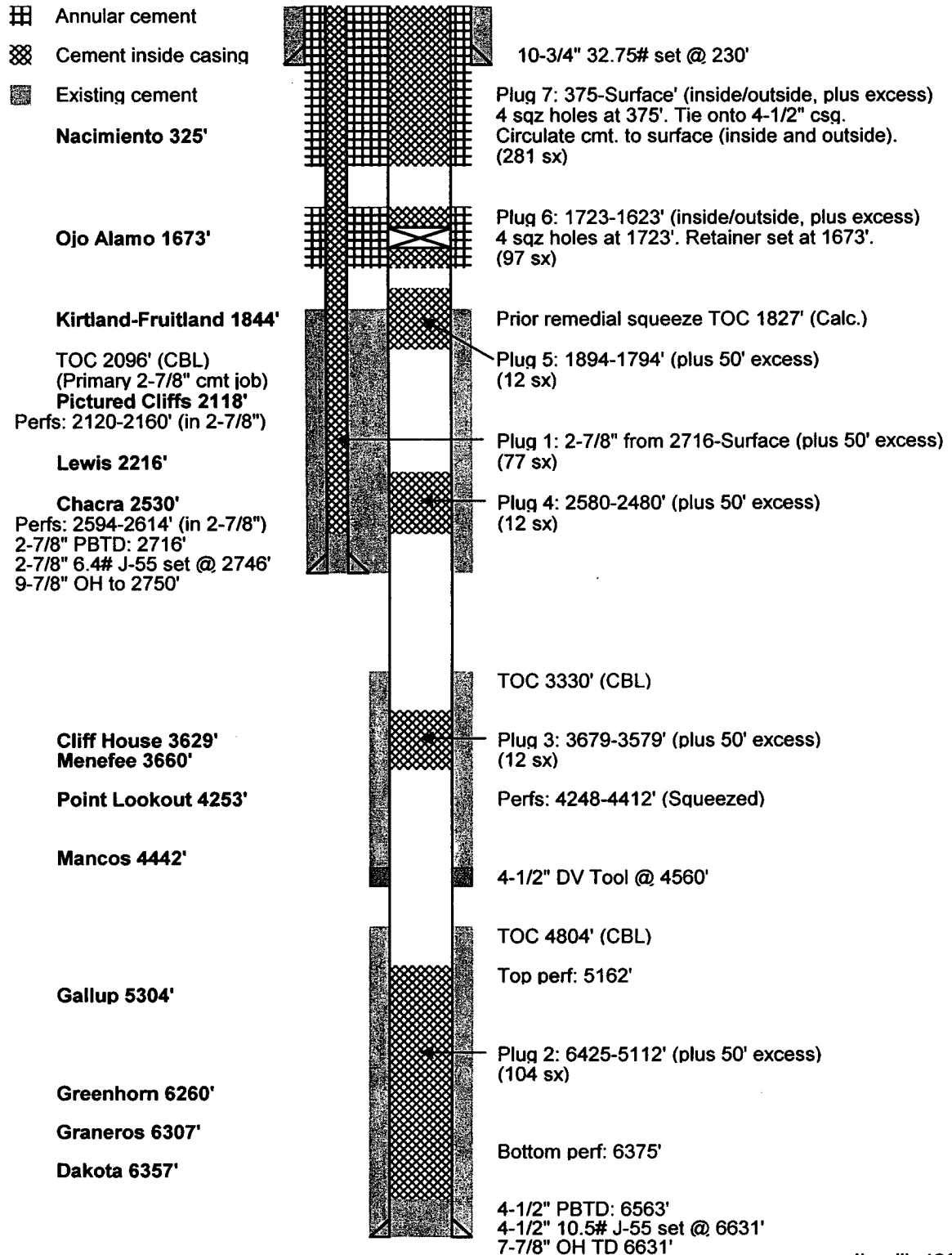
Wellbore Diagram
 Jicarilla 428 #2
 NE/4 Sec. 31, T23N, R4W
 Sandoval Co., NM
 API #30-043-20178

Before



Wellbore Diagram
Jicarilla 428 #2
NE/4 Sec. 31, T23N, R4W
Sandoval Co., NM
API #30-043-20178

After



The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from 9/28/06 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.