

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

RECEIVED

MAY 14 2014

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

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

5. Lease Serial No.
BIA #11

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 Apache B-15E

9. API Well No.
30-039-27724

10. Field and Pool, or Exploratory Area
Basin Dakota

11. County or Parish, State
Rio Arriba, NM

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Oil Well Gas Well Other

2. Name of Operator
Elm Ridge Exploration Co., LLC

3a. Address
PO Box 156 Bloomfield, NM 87413

3b. Phone No. (include area code)
(505) 632-3476 ext. 201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
"P" Sec.-30-T24N-R5W
1135' FSL X 1060' FEL

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

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 recomplate 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.)

Elm Ridge Exploration requests permission to plug and abandon this well according to the attached procedure.

OIL CONS. DIV DIST. 3

MAY 19 2014

Notify NMOCD 24 hrs
prior to beginning
operations

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

Name (Printed/Typed) Amy Mackey Title Sr. Regulatory Supervisor

Signature [Signature] Date May 6, 2014

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Original Signed: Stephen Mason Title Date MAY 16 2014

Conditions of approval, if any, are attached. 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.

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.

(Instructions on reverse)

NMOCD

Elm Ridge Resources

Pertinent Data Sheet

Well Name: Jicarilla Apache B 15E
Footage: 1135' FSL and 1060' FEL
Location: SESE Section 30, T24N, R5W
County: Rio Arriba County, NM
API#: 30-039-27724

Field: Basin Dakota

Elevation: 6543' KB

TD: 6916' KB

PBTD: 6870' KB

Completed: 08/08/2006

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	J-55	367'	270 sx (circ. cmt. to surface)
7-7/8"	4-1/2"	10.5#	J-55	6911'	1831 sx ¹

(1) TOC: 2174' (calculated)

Tubing: 2-3/8" tubing set at 6518'

Formation Tops:

San Jose Surface
Nacimiento Not Logged
Ojo Alamo 1602'
Kirtland 1704'
Fruitland 1952'
Pictured Cliffs 2082'
Lewis 2201'
Chacra 2522'
Mesa Verde 3601'
Mancos 4597'
Gallup 5290'
Dakota 6369'

Perforations:

Dakota perforations: 6532' – 6812'

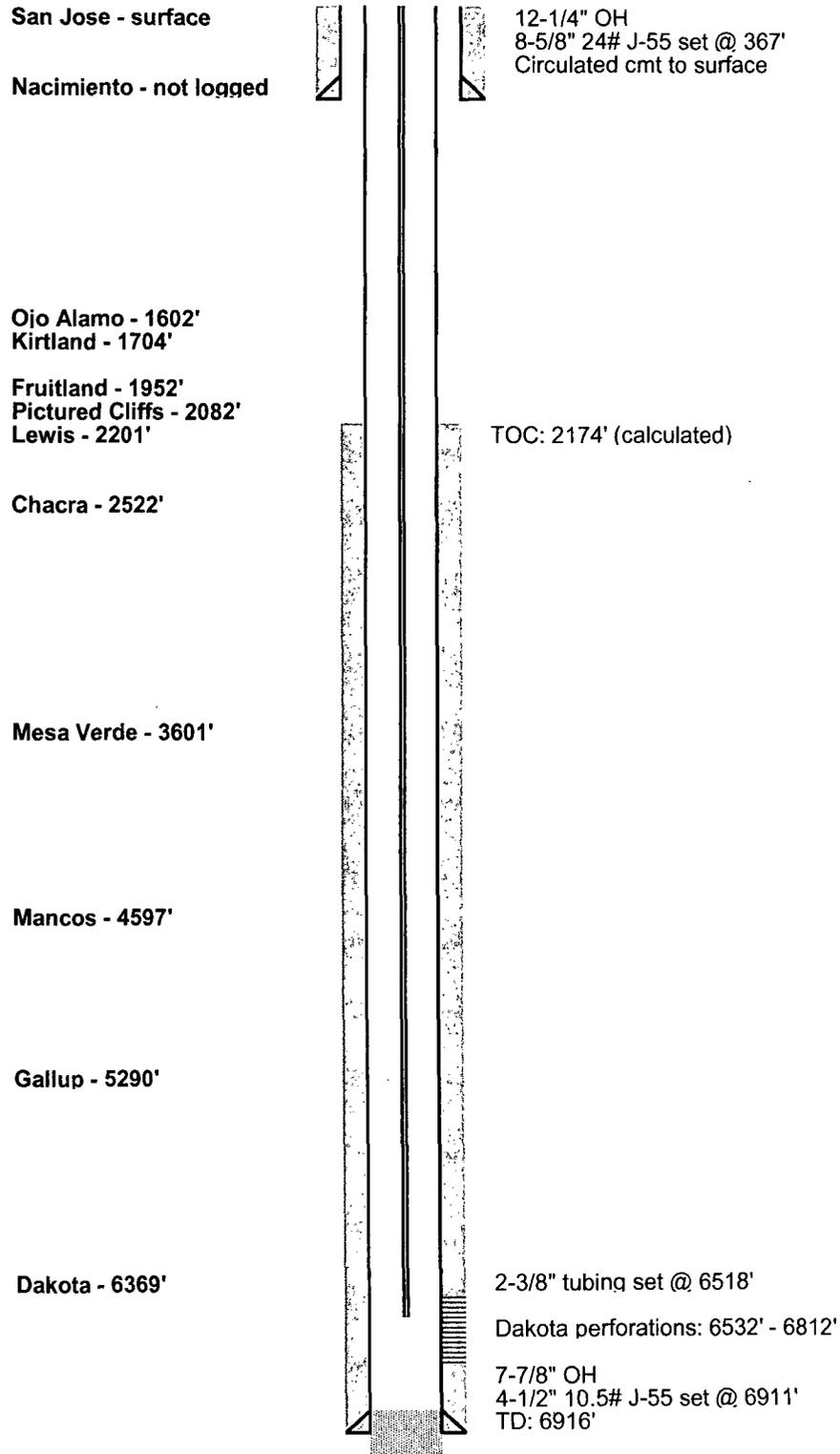
Notes:

Plugging Program for Jicarilla Apache B 15E

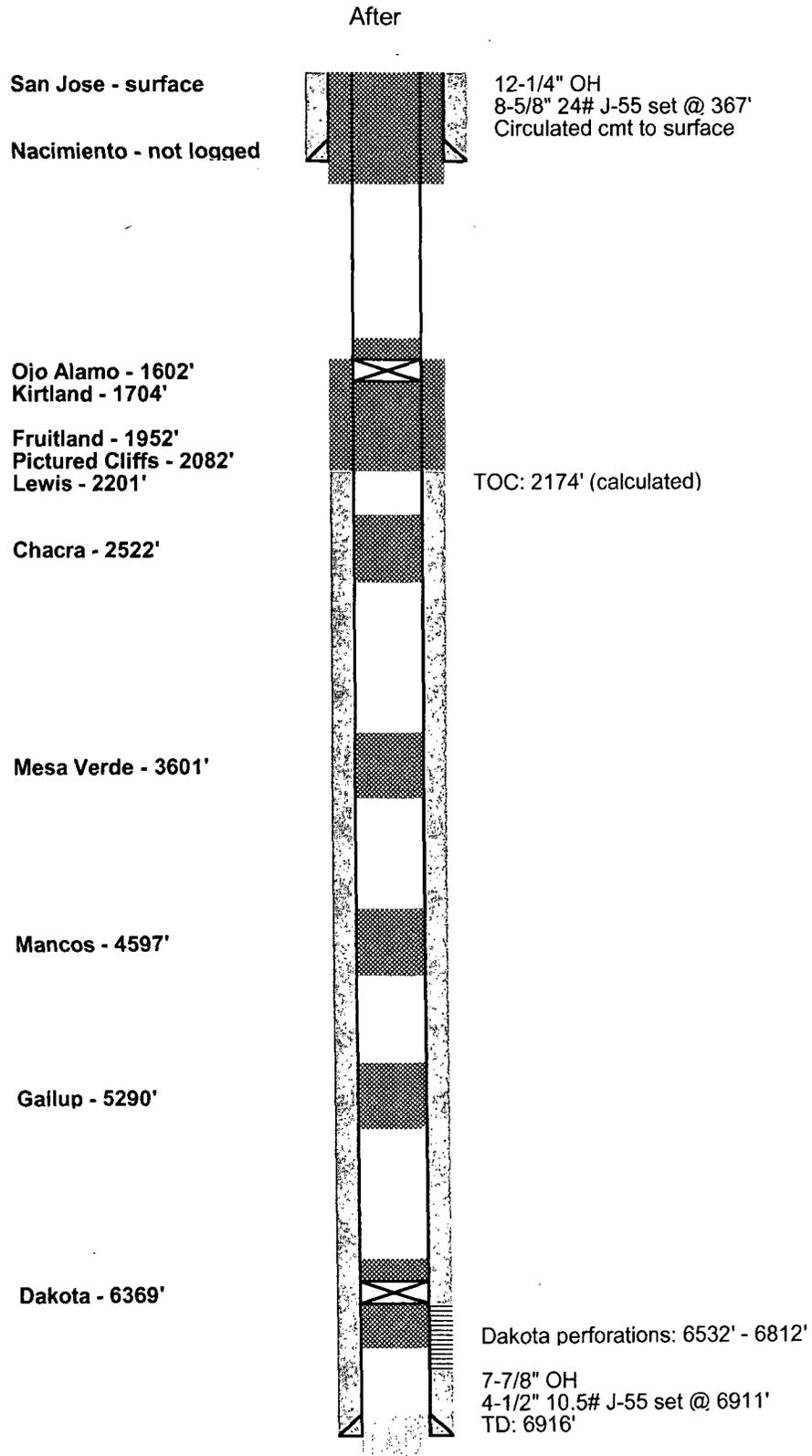
- 1) MOL RU. TOOH with 2-3/8" tubing.
- 2) PU and RIH with 4-1/2" retainer and set at 6369'. Squeeze below retainer with 17 sx. Sting out and spot 4 sx on top of retainer. *bring top of cement to 6287'*
- 3) Pull up to ⁵³⁹⁹~~5340~~'. Spot balanced plug with 12 sx to cover top of Gallup.
- 4) Pull up to ⁴⁵⁴⁶~~4647~~'. Spot balanced plug with 12 sx to cover top of Mancos.
- 5) Pull up to 3651'. Spot balanced plug with 12 sx to cover top of Mesa Verde.
- 6) Pull up to ²⁹⁴⁰~~2572~~'. Spot balanced plug with 12 sx to cover top of Chacra.
- 7) Perf 4 holes at 2132'. PU and RIH with 4-1/2" cement retainer and set at ²⁰⁸²~~1602~~'. Squeeze below retainer with 265 sx. Sting out and spot 4 sx on top of retainer to cover top of Pictured Cliffs, Fruitland, and Ojo Alamo. *fls 2132-1490'*
- 8) Perf 4 holes at 417'.
- 9) Tie on to 4-1/2" casing. Mix and pump 129 sx, or sufficient volume, to bring cement to surface inside and outside 4-1/2" casing.
- 10) Cut off well head 4 feet below surface and remediate location in accordance with regulatory agencies' conditions of approval.

Wellbore Diagram
Jicarilla Apache B 15E
SESE Sec. 30, T24N, R5W
Rio Arriba County, NM
API #30-039-27724

Before



Wellbore Diagram
 Jicarilla Apache B 15E
 SESE Sec. 30, T24N, R5W
 Rio Arriba County, NM
 API #30-039-27724



The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from 5/16/14 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.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 15E Jicarilla Apache B

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. The following modifications to your plugging program are to be made:

- a) Bring the top of the Dakota plug to 6287'.
- b) Place the Gallup plug from 5399' – 5299'.
- c) Place the Mancos plug from 4546'- 4446'.
- d) Place the Chacra plug from 2940'- 2840'.
- e) Place the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 2132'- 1490'.

Note: 4 ½" casing was reported circulated to surface. A CBL was run and shows what appears to be ratty cement bond from the Pictured Cliffs to the Ojo Alamo, however a 35/65 poz was run which would make the bonding look this way. Placing cement outside the 4 ½" casing in this interval may not be necessary.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.