

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

RECEIVED

OCT 05 2012

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
Jicarilla Contract 149

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

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

8. Well Name and No
Jicarilla Apache F #11

9. API Well No
30-039-05959

10. Field and Pool, or Exploratory Area
Basin Dakota

11. County or Parish, State
Rio Arriba County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ 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

4. Location of Well (Footage, Sec., T, R, M., or Survey Description)
1000' FNL X 1000' FEL
"A" Sec. 21-T25N-R5W

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 recompleat 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 intends to plug and abandon this well according to the attached procedure.

* Extend mancos plug down to 5610'
* Extend PC plug down to 2952'
* add ojo plug from 2159'-2059'

* Run current CBL and submit to agencies prior to cementing Plug #1

RCVD OCT 18 '12
OIL CONS. DIV.
DIST. 3

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

Name (Printed/Typed) Amy Mackey	Title Administrative Manager
Signature	Date October 2, 2012

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Original Signed: Stephen Mason	Title	Date OCT 16 2012
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	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

(Instructions on reverse)

NMOCD AY

Plugging Program for Jicarilla Apache F #11:

✓ Plug 1: Spot 12 sx balanced plug from 7251-6976' to cover top of Dakota and perforations.

✓ Gallup Plug 6144' - 6044'

Plug 2: Perf 4 squeeze holes at 5298'. Set retainer at 5248'. Squeeze below retainer with 62 sx. Sting out of retainer and spot 2 sx on top of retainer to cover 100' across top of Mancos.

4530

Plug 3: Perf 4 squeeze holes at ~~4562~~⁴⁵³⁰'. Set retainer at ~~4542~~⁴⁵³⁰'. Squeeze below retainer with 62 sx. Sting out of retainer and spot ~~2~~² sx on top of retainer to cover 100' across top of Mesaverde.

Plug 4: Spot 7 sx balanced plug from 3765-3665' to cover 100' across top of Chacra (per NMOCD).

Plug 5: Spot 7 sx balanced plug from 2922-2822' to cover 100' across top of Pictured Cliffs.

Fruitland Plug 2659' - 2559'

2480

Plug 6: Perf 4 squeeze holes at 2530'. Set retainer at ~~2290~~²⁵³⁰'. Squeeze below retainer with ~~188~~¹⁷² sx. Sting out of retainer and spot ~~12~~¹² sx on top of retainer to cover tops of Kirtland-Fruitland and Ojo Alamo.

950

Plug 7: Perf 4 squeeze holes at ~~820~~⁹⁵⁰'. Set retainer at ~~770~~⁹⁵⁰'. Squeeze below retainer with 62 sx. Sting out of retainer and spot ~~2~~² sx on top of retainer to cover 100' across top of Nacimiento.

Plug 8: Perf 4 squeeze holes at 293'. Tie onto 3-1/2" casing. Mix and pump 134 sx, or sufficient volume to bring cement to surface inside and outside 3-1/2" casing. Cut off casing 4' below surface, set dry hole marker, and remediate location per regulatory agencies' conditions of approval.

Elm Ridge Exploration Co., LLC

Pertinent Data Sheet

Well Name: Jicarilla Apache F #11
Footage: 1000' FNL and 1000' FEL
Location: Section 21, T25N, R5W
County: Rio Arriba County, NM
API#: 30-039-05959

Field: Basin Dakota

Elevation: 6726' DF

TD: 7350' KB

PBTD: 7295' KB

Completed: 4/18/63

Casing Record:

Hole Size	Csg Size	Wt.	Grade	Depth Set	Cement
13-3/4"	9-5/8"	32.34#	H-40	243'	200 sx (Circ. cement to surface.)
8-3/4"	3-1/2"	9.2#	J-55	7336'	Stg 1: 350 sx. Stg 2: 200 sx. (DV Tool: 3875')

1st Stage TOC: 6080' (TS). 2nd Stage TOC: 2800' (TS)

Tubing Record: Scaloped collar, 1 jt. 1.9"OD 2.9# EUE 10rd, SN, 231 jts. 1.9" 2.9# 10rd EUE set at 7254'

Formation Tops:

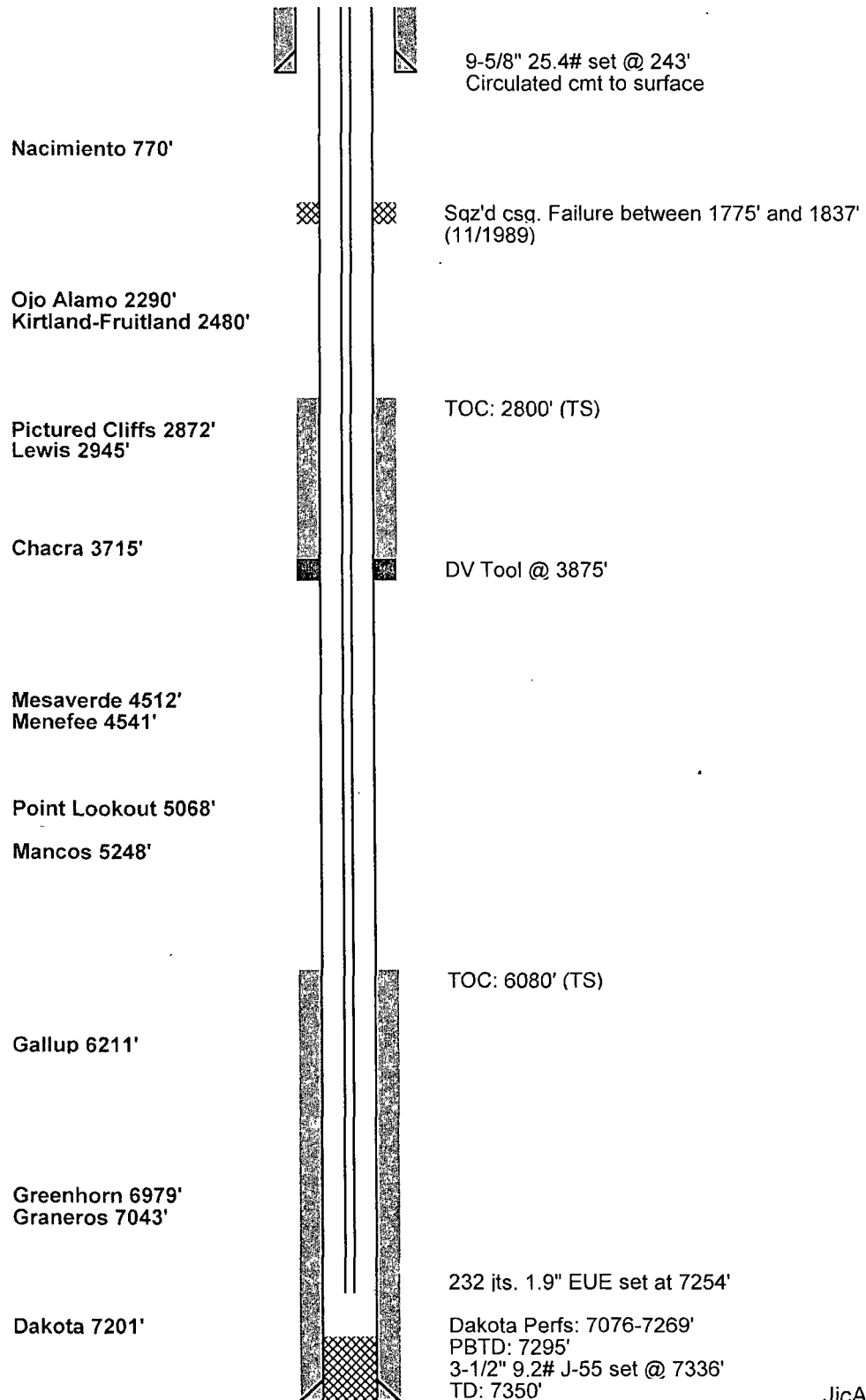
Nacimiento 770'
Ojo Alamo 2290'
Kirtland-Fruitland 2480'
Pictured Cliffs 2872'
Lewis 2945'
Chacra 3715'
Mesaverde 4512'
Menefee 4541'
Point Lookout 5068'
Mancos 5248'
Gallup 6211'
Greenhorn 6979'
Graneros 7043'
Dakota 7201'

Perforation Intervals: Dakota: 7076-7269'

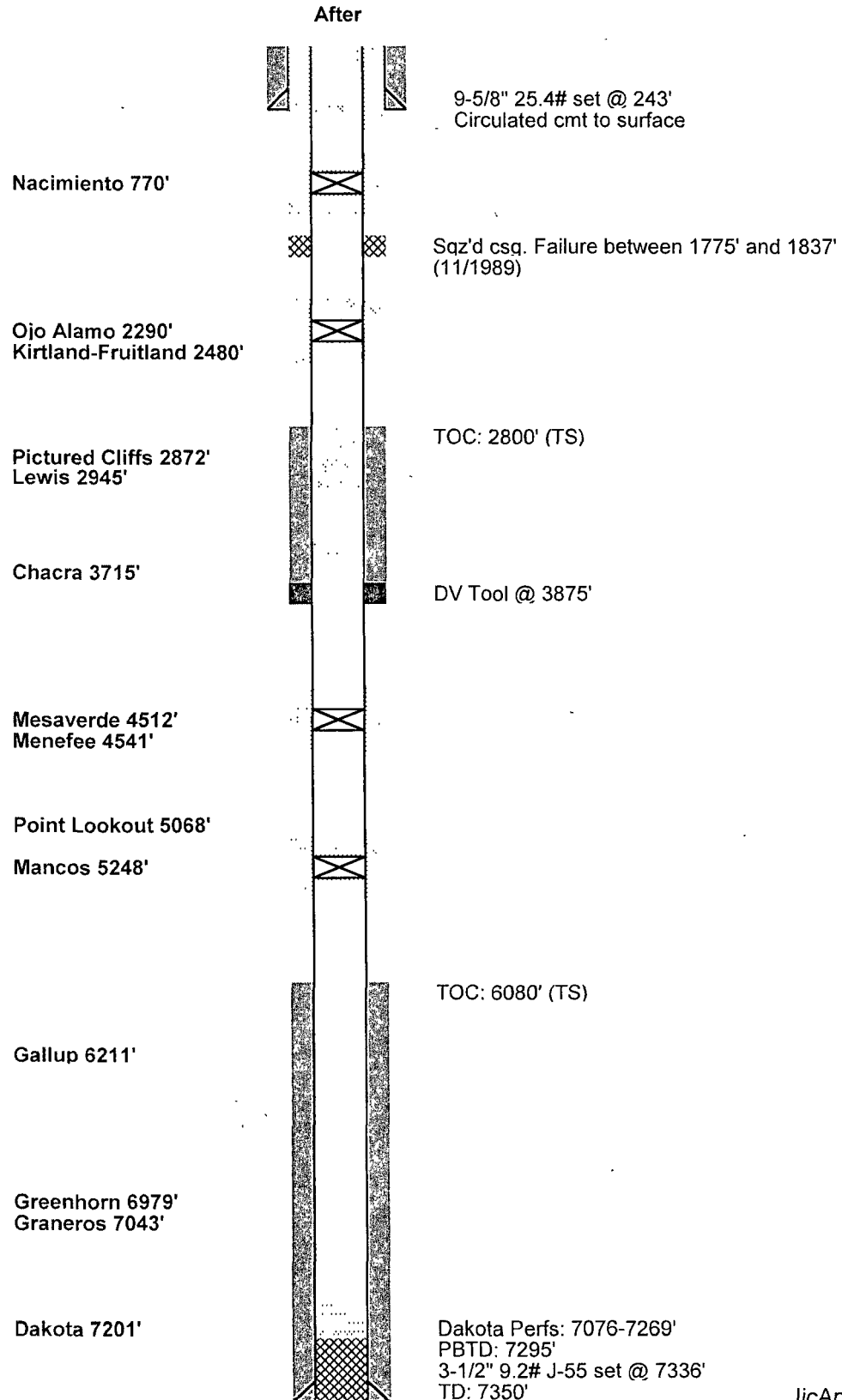
Notes: 11/1989: Located casing failure between 1775' and 1837'. Est. rate of 1/2 BPM at 250 psi. Sqz'd with 200 sx. DO and PT to 750 psi. Sqz held.

Wellbore Diagram
 Jicarilla Apache F #11
 Sec. 21, T25N, R5W
 Rio Arriba Co., NM
 API #30-039-05959

Before



Wellbore Diagram
 Jicarilla Apache F #11
 Sec. 21, T25N, R5W
 Rio Arriba Co., NM
 API #30-039-05959



**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: 11 Jicarilla Apache F

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) Spot a cement plug from 6144' – 6044' to cover the Gallup top.
- b) Place the Mesaverde plug from 4530' – 4430' inside and outside the 3 ½" casing.
- c) Place the Fruitland plug from 2659' – 2559' inside and outside the 3 ½" casing.
- d) Place the bridge plug on the Kirtland/Ojo Alamo plug @ 2480'.
- e) Place the Nacimiento plug from 950' – 850' inside and outside the 3 ½" casing

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.