

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

RECEIVED

JUN 12 2012

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

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

5	Lease Serial No
	14-20-603-1285
6	If Indian, Allottee or Tribe Name
	N/A
7	If Unit or CA/Agreement, Name and/or No
8	Well Name and No
	Carson Unit 18-24
9	API Well No
	30-045-05343
10	Field and Pool, or Exploratory Area
	Lower Bisti Gallup
11	County or Parish, State
	San Juan County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1	<input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	Water Injection
2	Name of Operator Elm Ridge Exploration Company, 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) 660' FSL X 1930' FWL Sec. 18-T25N-R11W	

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 Co., LLC requests permission to plug and abandon the following well according to the attached procedure.

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD JUN 20 '12
OIL CONS. DIV.
DIST. 3

Add Mancos Plug From 3813'- 3913'

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Amy Mackey	Title Administrative Manager
Signature	Date June 11, 2012

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Original Signed: Stephen Mason	Title	Date JUN 19 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

Plugging Program for Carson Unit 18-24:

Plug 1: Release 2-1/16" x 3-1/2" packer. TOOH and lay down. PU 2-3/8" workstring and TIH to 4911'. Spot 5 $\frac{1}{2}$ sx balanced from 4911' to 4251' to cover across Gallup perforations and 3-1/2" FJ cemented liner shoe. Pull up and reverse circulate with 2 tubing volumes of water. TOOH.

Plug 2: Perf 4 holes at 1997'. Set retainer at 1947'. Squeeze below retainer with 42 sx. Spot $\frac{1}{2}$ sx on top of retainer to cover 100' across Cliff House top, inside and outside 3-1/2" cemented liner and 4-1/2" casing. Pull up and reverse circulate with 2 tubing volumes of water. TOOH.

Plug 3: Perf 4 holes at 1605'. Set retainer at 1555'. Squeeze below retainer with 42 sx. Spot $\frac{1}{2}$ sx on top of retainer to cover 100' across Chacra top, inside 3-1/2" cemented liner and outside 4-1/2" casing (as required by NMOCD). Pull up and reverse circulate with 2 tubing volumes of water.

Plug 4: Perf 4 holes at 1230'. Set retainer at 1180'. Squeeze below retainer with 43 sx. Spot 3 sx on top of retainer to cover 100' across Pictured Cliffs top, inside 3-1/2" cemented liner and outside 4-1/2" casing. Pull up and reverse circulate with 2 tubing volumes of water. TOOH and lay down workstring.

Plug 5: Perf 4 holes at 346'. Tie onto 3-1/2" cemented liner and pump 141 sx, or sufficient volume to bring cement to surface inside 3-1/2" cemented liner and outside 4-1/2" casing.

Remediate location per BLM Conditions of Approval.

Note: All volumes include excess.

Final plug
960-860
inside + outside
casing

Elm Ridge Exploration Co., LLC

Pertinent Data Sheet

Well Name: Carson Unit 18-24
Footage: 660' FSL and 1930' FWL
Location: Section 18, T25N, R11W
County: San Juan County, NM
API#: 30-045-05343

Field: Bisti Lower Gallup

Elevation: 6409' KB

TD: 5010' KB
PBTD: N/A

Completed: 5/5/59

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	J-55	106'	100 sx (Circulated to surface)
7-7/8"	4-1/2"	9.5#	J-55	5007'	220 ft ³ TOC 4293' (Calc.)
	3-1/2" (liner)	8.81#	Hydril	Surface-4301'	413 ft ³ (Cement to surface)

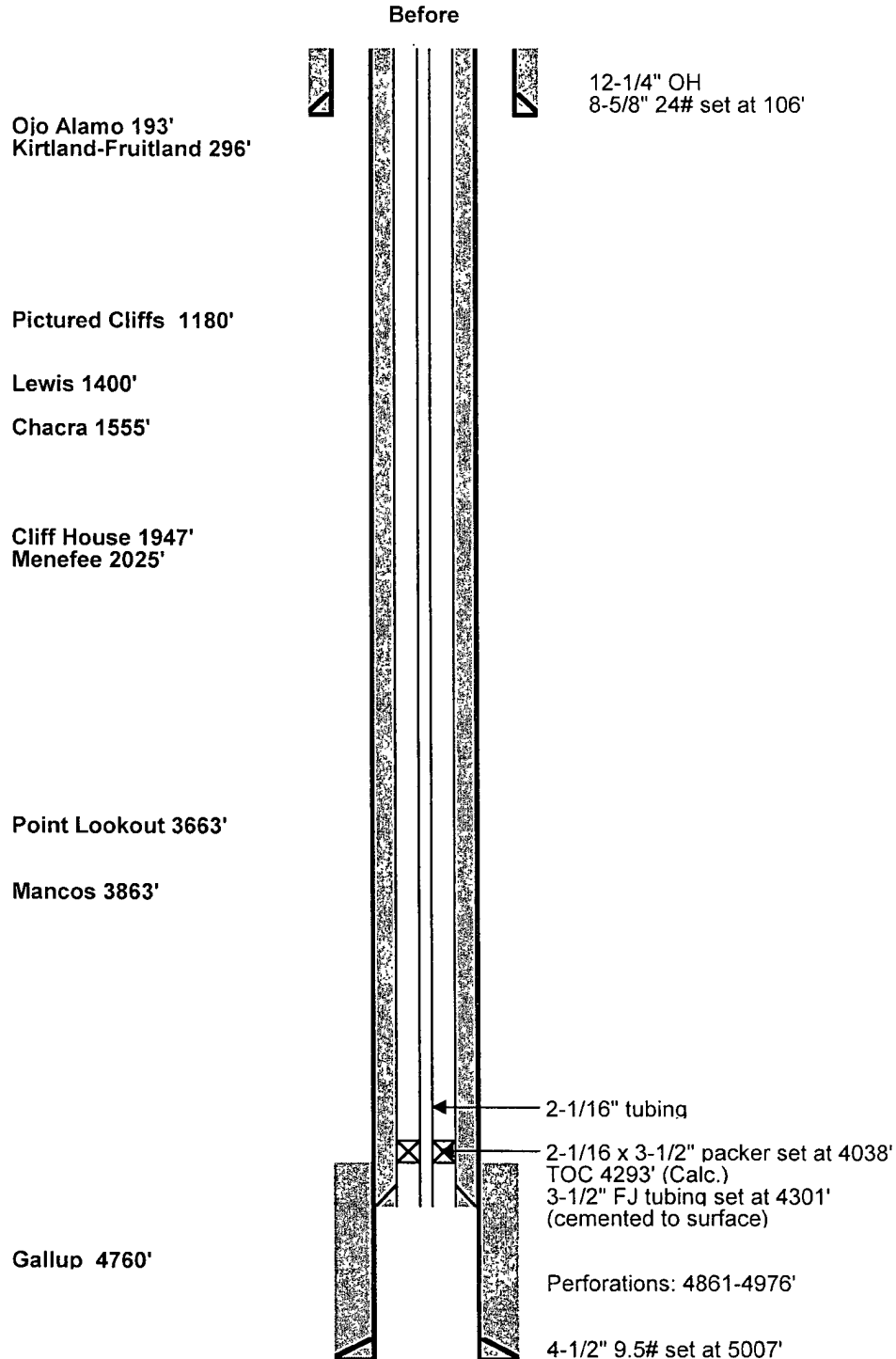
Tubing Record: 2-1/16" tubing set in 2-1/16"x3-1/2" packer at 4038'

Formation Tops:

Nacimiento	Surface
Ojo Alamo	193'
Kirtland-Fruitland	296'
Pictured Cliffs	1180'
Lewis	1400'
Chacra	1555'
Cliff House	1947'
Menefee	2025'
Point Lookout	3663'
Mancos	3863'
Gallup	4760'

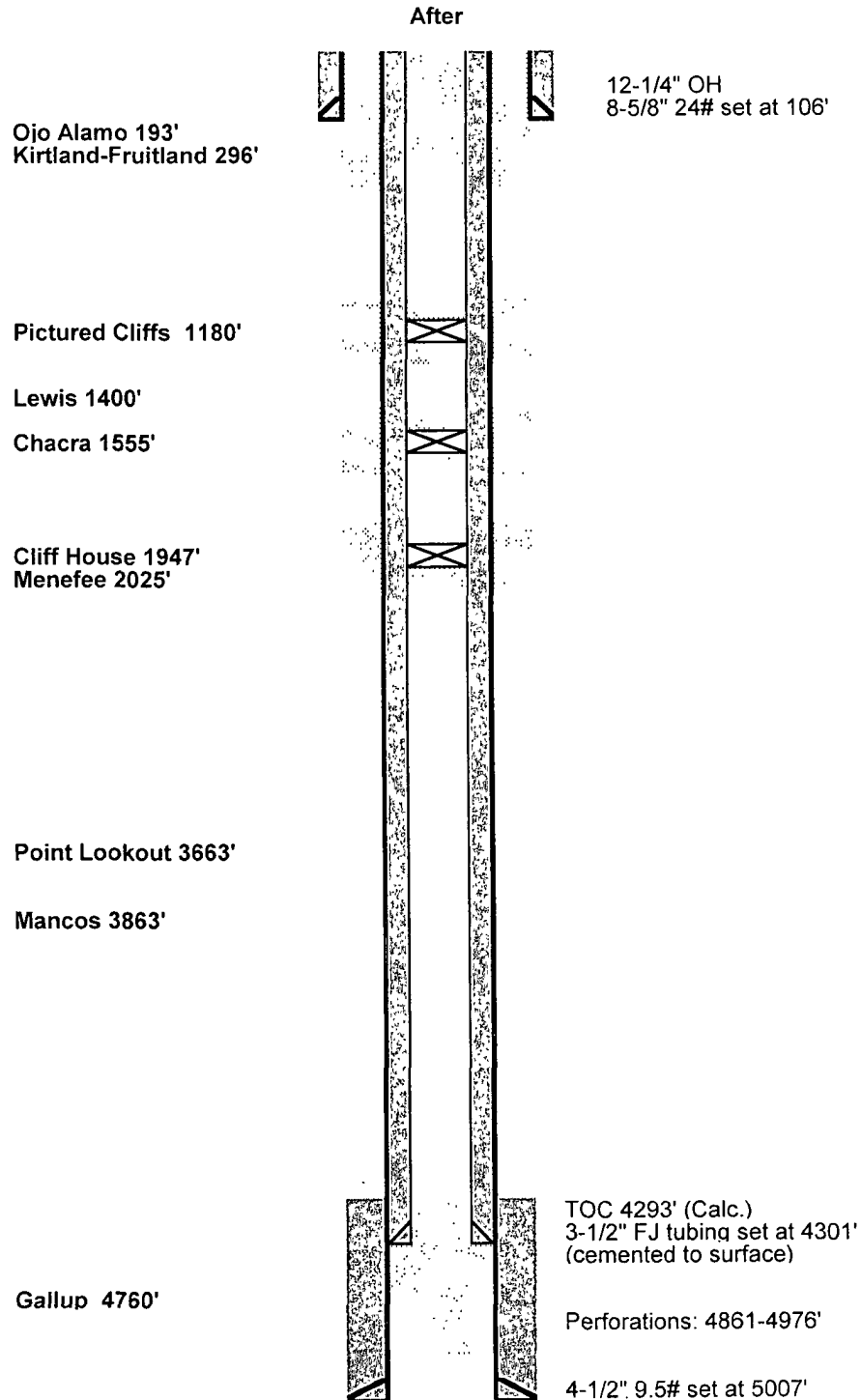
Perforations: Gallup: 4861-4976'

Wellbore Diagram
Carson Unit 18-24
SW/4 Sec. 18, T25N, R11W
San Juan County Co., NM
API #30-045-05343



Carson Unit 18-24 (3.5 in Liner in 4.5)
6/8/2012

Wellbore Diagram
Carson Unit 18-24
SW/4 Sec. 18, T25N, R11W
San Juan County Co., NM
API #30-045-05343



**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: 18-24 Carson Unit

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) Place the Fruitland plug from 960' – 860' inside the 3 ½" and outside the 4 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.