

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.

RECEIVED

APR 08 2015

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

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side</b>		5. Lease Serial No. SF078056
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Water Injection		6. If Indian, Allottee or Tribe Name
2. Name of Operator Elm Ridge Exploration CO LLC		7. If Unit or CA/Agreement, Name and/or No. Central Bisti Unit
3a. Address PO Box 156, Bloomfield, NM 87413	3b. Phone No. (include area code) 505-632-3476	8. Well Name and No. Central Bisti Unit WI #88
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 380' FNL X 1650' FEL Sec. 8-T25N-R12W (Unit G)		9. API Well No. 30-045-25913
		10. Field and Pool, or Exploratory Area Bisti Lower Gallup
		11. County or Parish, State San Juan County, NM

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 recomplete 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 failed its annual mechanical integrity test. Elm Ridge Exploration Co., LLC requests approval to plug and abandon this well according to the attached procedure.

OIL CONS. DIV DIST. 3

APR 15 2015

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

SEE ATTACHED FOR CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs prior to beginning operations

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

Name (Printed/Typed) Amy Archuleta	Title Sr. Regulatory Supervisor
Signature 	Date April 8, 2015

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Troy Salyers	Title PE	Date 4/10/2015
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	Office FFO	

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 Central Bisti Unit WI #88:

1. MOL RU. Release packer, and TOOH with packer and 2-3/8" tubing.
2. PU and TIH with 5-1/2" retainer to 4680'. Squeeze below retainer with 18 sx cement. Sting out and spot 6 sx on top of retainer. **See COA**
3. Pull up to to 3816'. With the end of tubing at 3816', spot 17 sx balanced plug to cover 100' across Mancos top.
4. Pull up to 1537'. With the end of tubing at 1537', spot 129 sx balanced plug to cover tops of Mesaverde, Pictured Cliffs, and Fruitland. **See COA**
5. Perforate 4 holes at 346'. Tie on to casing. Mix and pump 118 sx, or sufficient volume to bring cement to surface inside and outside 5-1/2" casing.
6. Remediate location in accordance with regulatory agencies' conditions of approval.

# Elm Ridge Resources

## Pertinent Data Sheet

**Well Name:** Central Bisti Unit WI #88  
**Footage:** 380' FNL and 1650' FEL  
**Location:** Section 8, T25N, R12W  
**County:** San Juan County, NM  
**API#:** 30-045-25913

**Field:** Bisti Lower Gallup

**Elevation:** 6213' KB

**TD:** 4990' KB

**PBTD:** 4840' KB

**Completed:** 4/14/1984

### Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	J-55	296'	207 cu. ft. (Circ.)
7-7/8"	5-1/2"	15.5#	J-55	4982'	1812 cu. ft. TOC 475' (TS)

**Tubing Record:** 2-3/8 tubing. Packer set at 4741'.

### Formation Tops:

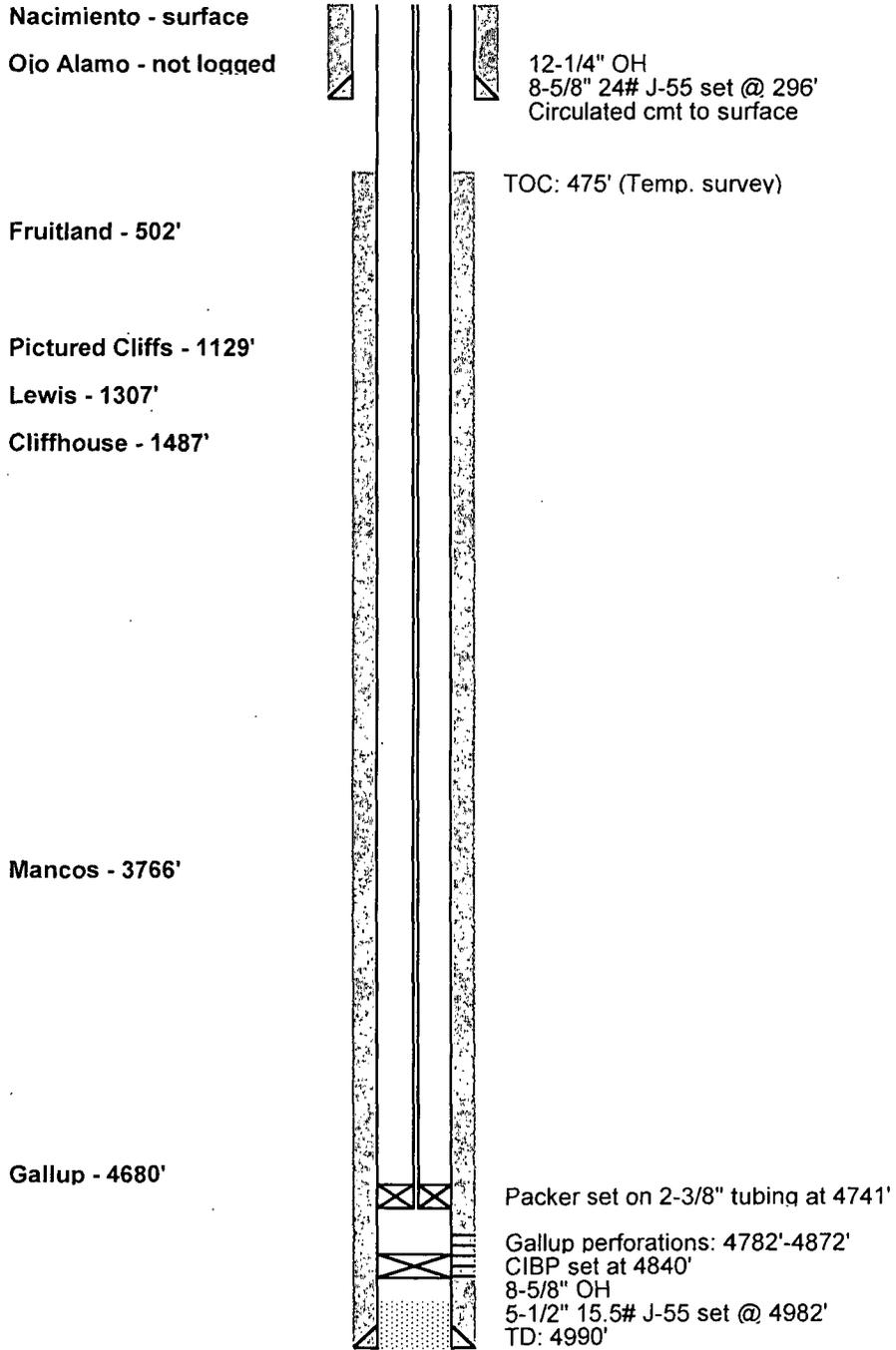
Nacimiento Surface  
Ojo Alamo Not logged  
Pictured Cliffs 1129'  
Lewis 1307'  
Cliff House 1487'  
Menefee 2469'  
Point Lookout 3601'  
Mancos 3766'  
Gallup 4680'

**Perforations:** Gallup: 4782'-4872'

**Notes:** CIPB set at 4840' to isolate injection to upper perforations.

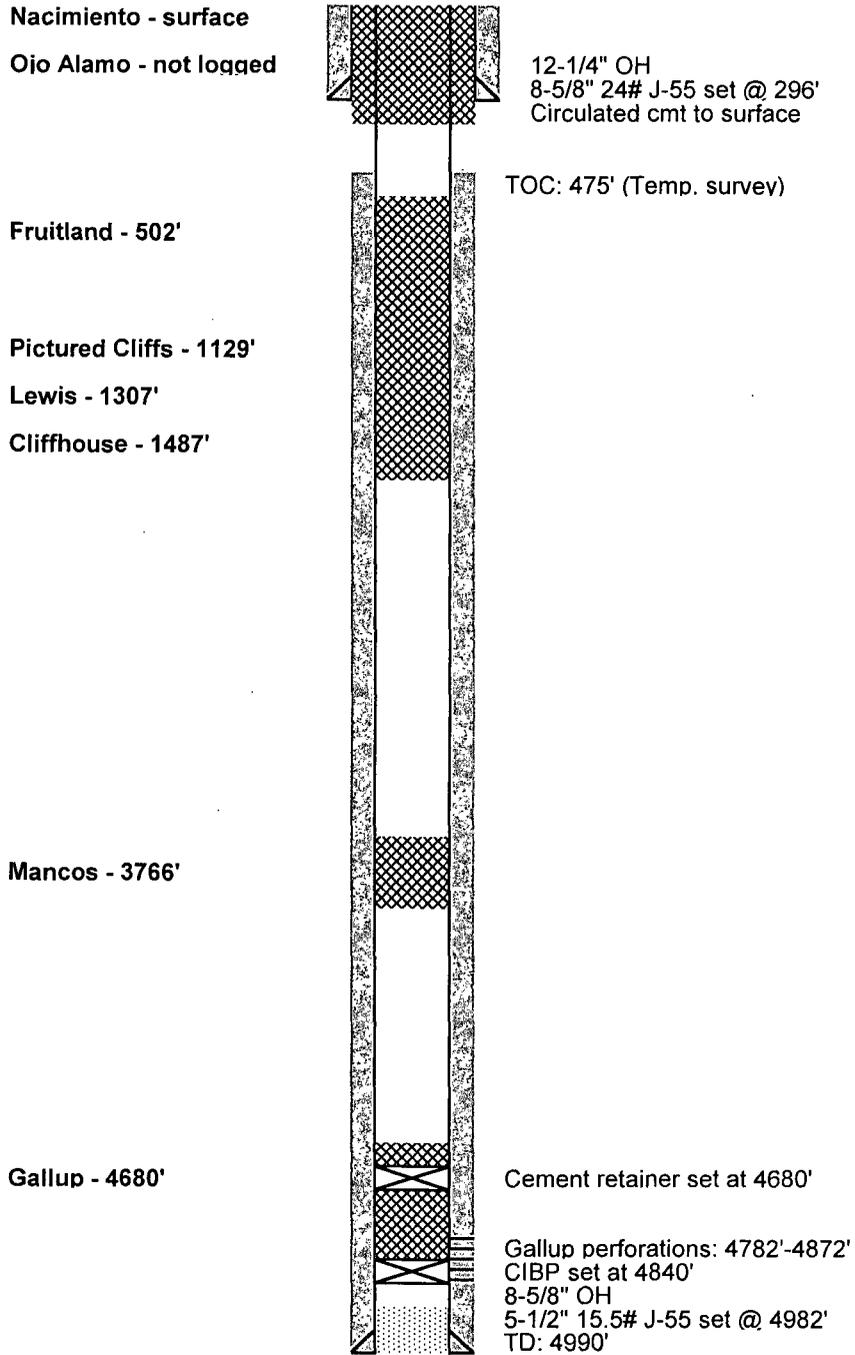
Wellbore Diagram  
Central Bisti Unit WI #88  
SWNE Sec. 8, T25N, R12W  
San Juan County, NM  
API #30-045-25913

**Before**



Wellbore Diagram  
Central Bisti Unit WI #88  
SWNE Sec. 8, T25N, R12W  
San Juan County, NM  
API #30-045-25913

After



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: Central Bisti Unit WI #88

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
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 plug #1 to 4568 ft. to cover the Gallup top. Adjust cement volume accordingly. BLM picks top of Gallup at 4618 ft.
  - b) Set plug #3 (1931-827) ft. to cover the Mesaverde, Pictured Cliffs and Fruitland tops. Adjust cement volume accordingly. BLM picks top of Cliffhouse at 1881 ft.

Refer to attached General Requirement 4.6. Operator must run a CBL from 4680 ft., or as deep as possible, to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [tsalyers@blm.gov](mailto:tsalyers@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

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.