

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-045-25281

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LH-0007

7. Lease Name or Unit Agreement Name

State Of New Mexico 16

8. Well No.

43

9. Pool name or Wildcat

Nageezi Gallup

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PORPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator

Elm Ridge Exploration Company, LLC

3. Address of Operator

PO Box 156, Bloomfield, NM 87413

4. Well Location

Unit Letter I 1650 Feet From The SOUTH Line and 790 Feet From The EAST Line
Section 16 Township 23N Range 8W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6840' GR

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

11. **NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent date, including estimated date of starting any proposed work) SEE RULE 1103.

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

RCVD JUL 16 '07
OIL CONS. DIV.
DIST. 3

SIGNATURE

Amy Mackey

TITLE Production Assistant

DATE 07/12/07

TYPE OR PRINT NAME

Amy Mackey

TELEPHONE NO 505-632-3476 x 201

(This space for State Use)

APPROVED BY

H. Villanueva

Deputy Oil & Gas Inspector,
District #3

TITLE

DATE

JUL 26 2007

CONDITIONS OF APPROVAL, IF ANY

Notary OCD 24 Hr to witness

Plugging Program for State of New Mexico 16 #43

Plug 1: Set retainer at 4831'. Pump 6 sx below retainer. Spot 4 sx plug above retainer to cover top of Gallup. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 2: With end of tubing at 2937', spot 11 sx balanced plug from 2937-2837', to cover top of Cliff House. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 3: Perf 4 holes @ 1844'. Set retainer at 1794'. Pump 43 sx below retainer and spot 4 sx on top of retainer to cover top of Chacra. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 4: With end of tubing at 1465', spot 11 sx balanced plug from 1465-1365', to cover top of Pictured Cliffs. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 5: With end of tubing at 1026', spot 23 sx balanced plug from 1026-780', to cover top of Kirtland-Fruitland and Ojo Alamo. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 6: With end of tubing at 307', mix and pump 27 sacks, or until cement circulates to surface.

Cut off wellhead 3' below surface. Install dry hole marker. Reclaim location.

Elm Ridge Resources

Pertinent Data Sheet

Well Name: State of New Mexico 16 #43
Footage: 1650' FSL and 790' FEL
Location: Section 16, T23N, R8W
County: San Juan County, NM
API#: 30-045-25281

Field: Nageezi Gallup **Elevation:** 6840' GR **TD:** 5306' KB
PBTD: 5242' KB

Completed: 10/8/85

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	J-55	257'	200 sx (Circ. To Surface)
7-7/8"	4-1/2"	10.5#	J-55	5306'	Stg 1: 384 ft ³ ; Stg 2: 689 ft ³ ; Stg 3: 734 ft ³ (DV@4115', 1710') ⁽¹⁾

⁽¹⁾ 1st Stage: TOC to DV Tool (calc.); 2nd Stage: TOC: 1998' (calc.); 3rd Stage: Circulated cement to surface.

Tubing Record: 2-3/8" tbg. set at 5189'. SN at 5154'. (1/26/93)

Rod Record: 2"x1-1/4"x8'x12' RHAC pump, 1' strainer nipple, 201x3/4" rods, 4'x3/4" sub. (7/6/2001)

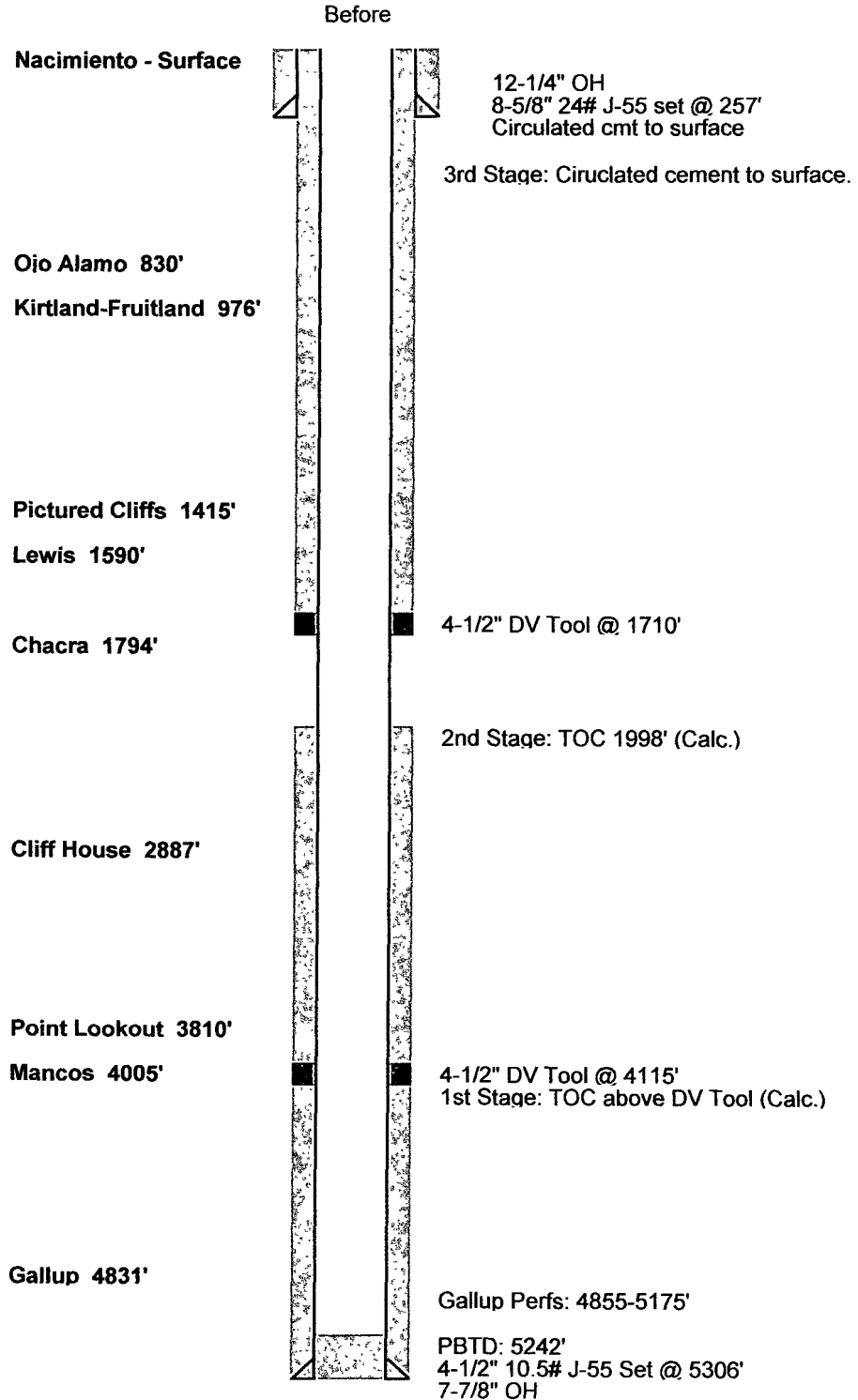
Formation Tops:

Nacimiento	Surface
Ojo Alamo	830'
Kirtland-Fruitland	976'
Pictured Cliffs	1415'
Lewis	1590'
Chacra (NMOCD)	1794'
Cliff House	2887'
Point Lookout	3810'
Mancos	4005'
Gallup	4831'

Perforations: Gallup: 4855-5175'

Wellbore Diagram

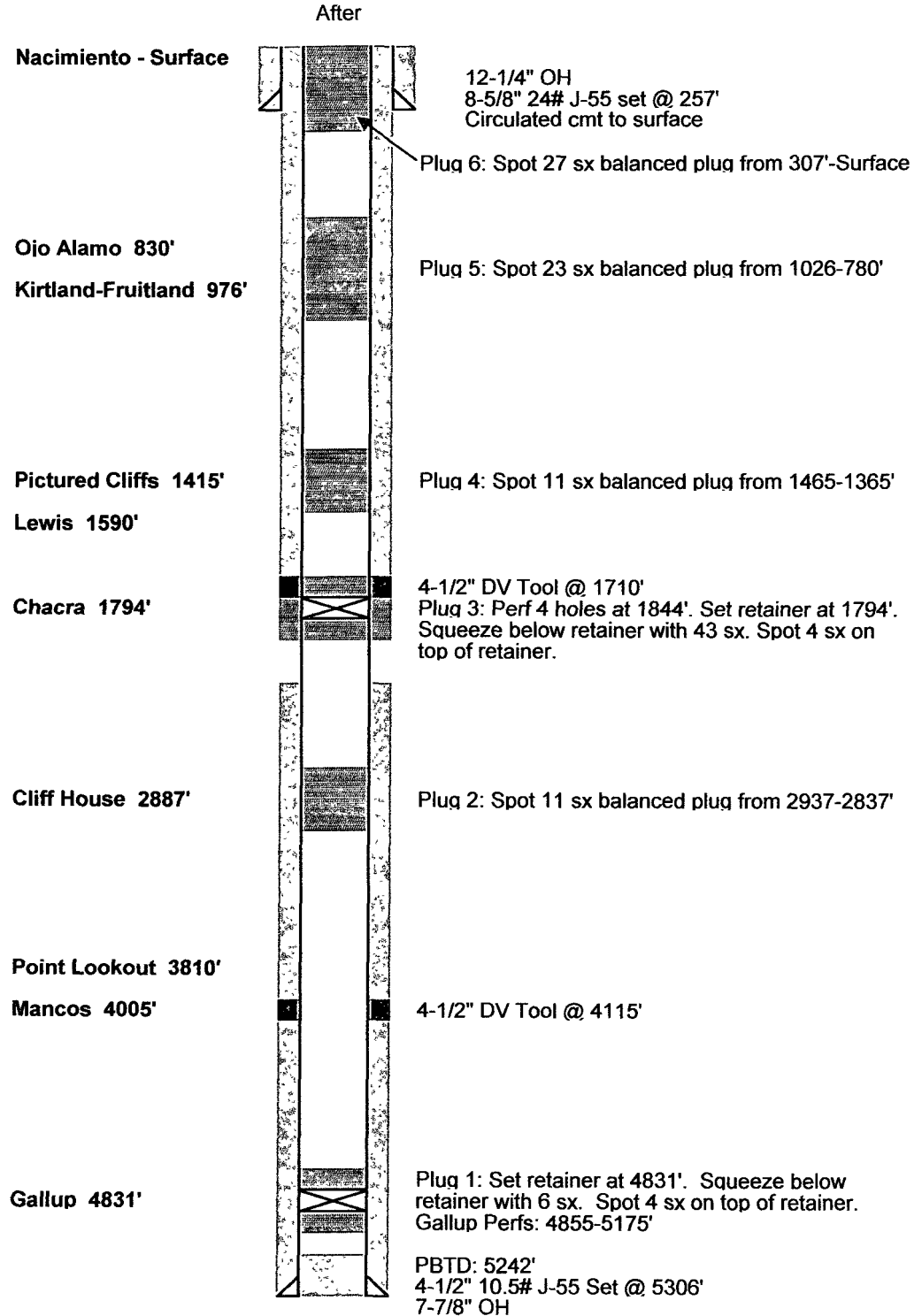
State of New Mexico 16 #43
SE/4 Sec. 16, T23N, R8W
San Juan County Co., NM
API #30-045-25281



State of NM 16-43 WBD
7/12/2007

Wellbore Diagram

State of New Mexico 16 #43
SE/4 Sec. 16, T23N, R8W
San Juan County Co., NM
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State of NM 16-43 WBD
7/12/2007