

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.

30-045-25198

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

L2986

7. Lease Name or Unit Agreement Name

State Of New Mexico 36

8. Well No.

12

9. Pool name or Wildcat

Lybrook / Gallup

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS 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

3. Address of Operator

4. Well Location

Unit Letter E : 1850 Feet From The NORTH Line and 1120 Feet From The WEST Line

Section 36 Township 24N Range 8W NMPM San Juan County

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

6856 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 Resources, Inc will have a rig available to P & A this well on April 14th, 2005. It is intended to plug this well per the attached procedure.

SIGNATURE

TITLE Productoin Assistant

DATE 04/11/05

TYPE OR PRINT NAME

Amy Mackey

TELEPHONE NO. 505-632-3476 x 201

(This space for State Use)

APPROVED BY

TITLE

SUPERVISOR DISTRICT # 3

DATE APR 11 2005

CONDITIONS OF APPROVAL, IF ANY:

Plugging Program for State of New Mexico 36-12:

Plug 1: If fish can be successfully recovered, set retainer at 5184'. Pump 74 sacks below retainer. Spot 8 sack plug above retainer to cover top of Gallup.

Plug 2: Perf 4 holes @ 3382'. Set retainer at 3332'. Pump 57 sacks below retainer and spot 8 sacks on top of retainer to cover top of Cliff House.

Plug 3: Perf 4 holes @ 2318'. Set retainer at 2268'. Pump 57 sacks below retainer and spot 8 sacks on top of retainer to cover top of Chacra.

Plug 4: With end of tubing at 1902', spot 12 sack balanced plug from 1902-1802', to cover top of Pictured Cliffs.

Plug 5: With end of tubing at 1590', spot 12 sack balanced plug from 1590-1490', to cover top of Fruitland Coal.

Plug 6: With end of tubing at 1190', spot 12 sack balanced plug from 1190-1090', to cover top of Ojo Alamo.

Plug 7: With end of tubing at 324", mix and pump 25 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 36-12
Footage: 1850' FNL and 1120' FWL
Location: Section 36, T24N, R8W
County: San Juan County, NM
API#: 30-045-25198

Field: Lybrook Gallup **Elevation:** 6856' GR **TD:** 5700' KB
PBTD: 5660'

Completed: 1/15/82

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	23#	ERW	274'	200 sxs (Circulated Cmt. to Surface)
7-7/8"	4-1/2"	9.5#	J-55	5700'	Stg 1: 500 sxs Stg 2: 900 sxs (DV Tool @ 2115') ⁽¹⁾
⁽¹⁾ 1 st Stage: TOC 3650' (CBL). 2 nd Stage: Circulated cmt to surface.					

Formation Tops:

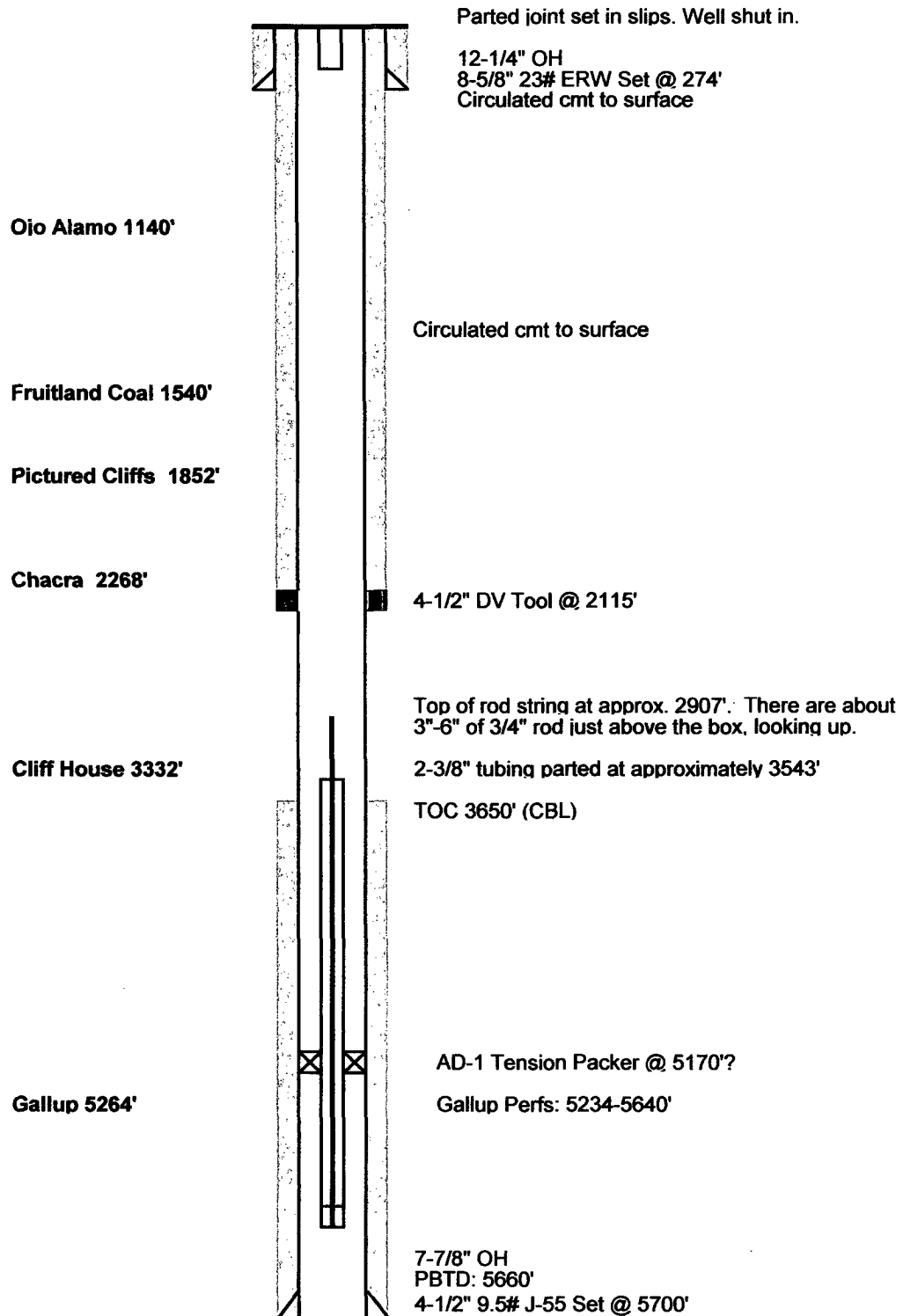
Ojo Alamo	1140'
Fruitland Coal	1540'
Pictured Cliffs	1852'
Chacra	2268'
Cliff House	3332'
Gallup	5264'

Perforations: Gallup: 5234-5640'

Notes: Tubing and rods parted. Top of fish unknown. There may be an AD-1 tension packer set at 5170'. Estimated top of parted tubing string is at 3543'. There are 50 full joints and one parted joint, AD-1 packer (?), 14 joints 2-3/8" tubing, SN, perforated sub, and mud anchor. Estimated top of parted rod string is at 2907'. There are 207x3/4" rods, 4x7/8" rods, and an RHBC 2"x11' pump in place. There are 3"-6" of 3/4" rod above the box, looking up.

Wellbore Diagram

State of New Mexico 36-12
NW/4 Sec. 36, T24N, R8W
San Juan County Co., NM
API #30-045-25198



State of NM36-12WBD
4/10/2005

Elm Ridge Resources

Pertinent Data Sheet

Well Name: Missy #2
Footage: 1650' FSL and 1650' FWL
Location: Section 35, T25N, R3W
County: Rio Arriba County, NM
API#: 30-039-24263

Field: W. Lindrith Gallup-Dakota

Elevation: 7075' GL

TD: 8025' KB

COTD: 7966' KB

Completed: 10/17/88

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	9-5/8"	36#	J-55	272'	188 ft ³ (Circ. To Surface)
8-3/4"	5-1/2"	17#	N-80	8042'	Stg 1: 1275 ft ³ Stg 2: 0 ft ³ (DV@3554') ⁽¹⁾
⁽¹⁾ 2 nd Stage: DV tool would not open. No 2 nd stage pumped. TOC 4256' (Calculated).					

Formation Tops:

Ojo Alamo	1730'
Fruitland Coal	3324'
Pictured Cliffs	3386'
Chacra	4328'
Cliff House	5093'
Gallup	6754'
Dakota	7700'

Perforations: Gallup: 6738-7038'
Dakota: 7848-7868'

Note: According to the C-105 Report, Hixon Development (the original operator) reports the TD as 8025' KB, with the 5-1/2" 17# N-80 casing as having been set at 8041.66' KB. The electric wireline logging record (17-Sep-1988) indicates a TD of 8007' KB. For the purposes of cement calculations, the deeper casing depth has been used.