

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

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

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

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

WELL API NO.
30-039-23572

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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

Elm Ridge Exploration Company, LLC

3. Address of Operator

PO Box 156, Bloomfield, NM 87413

4. Well Location

Unit Letter K : 1820 Feet From The SOUTH Line and 1650 Feet From The WEST Line
Section 14 Township 24N Range 2W NMPM Rio Arriba County

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

7314' KB

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 ☐

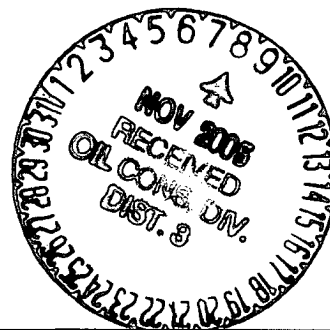
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

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 approval to plug and abandon this wellbore according to the attached procedure.



SIGNATURE _____ TITLE Production Assistant DATE 04/26/05
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, DIST. 3

TITLE

DATE

NOV 08 2005

CONDITIONS OF APPROVAL, IF ANY:

Plugging Program for Krystina #1:

Plug 1: RIH with 5-1/2" 15.5# retainer and set at 4250'. Squeeze below retainer with 10 sacks to cover Chacra perforations and top of Chacra. Spot 12 sacks on top of retainer. — 4250' to 4200'

Plug 2: RIH with 5-1/2" 15.5# retainer and set at 3268'. Squeeze below retainer with 12 sacks to cover Pictured Cliffs perfs. Spot 42 sacks above retainer to cover tops of Pictured Cliffs, Fruitland, and Ojo Alamo. 3268' to 2905' + 50'

Plug 3: With end of tubing at 1600', spot 17 sack balanced plug from 1600' to 1500' to cover top of Nacimiento. +50' Cased Hole 100' + 50'

Plug 4: Perf 4 holes at 372'. Tie onto 5-1/2" 17# casing, and squeeze with 131 sacks (or sufficient volume) to bring cement to surface, inside and outside 5-1/2" casing.

Cut off wellhead 3' below surface. Set dry hole marker. Remediate location.

Elm Ridge Resources

Pertinent Data Sheet

Well Name: Krystina #1
Footage: 1820' FSL and 1650' FWL
Location: Section 14, T24N, R2W
County: Rio Arriba County, NM
API#: 30-039-23572

Field: Basin Fruitland Coal/Chacra **Elevation:** 7314' KB **TD:** 8150' KB
PBTD: 5000' KB

Completed: 12/84 (GP-DK)
 2/01 (FTC-Chacra)

Casing Record:

Hole Size	Csg Size	Wt.	Grade	Depth Set	Cement
12-1/4"	9-5/8"	36#	K-55	322'	350 ft ³ (Circ. To Surface)
8-3/4" to 4845' 7-7/8" to TD	5-1/2"	17# to 2014' 15.5# to TD	K-55	8141'	Stg 1: 630 ft ³ Stg 2: 887 ft ³ Stg 3: 887 ft ³ DV Tools: 5925', 3470'

- (1) 1st Stage: TOC: 5925' (circ. cmt above DV tool-Calcul @ 75%)
 (2) 2nd Stage: TOC 3470' (circ. cmt above DV tool-Calcul @ 75%)
 (3) 3rd Stage: 460' (TS)

Tubing: 2-7/8" set at 4330'

Rods: 140 x 3/4" rods, 42 x 7/8" rods, 1 x 7/8" rod, pump.

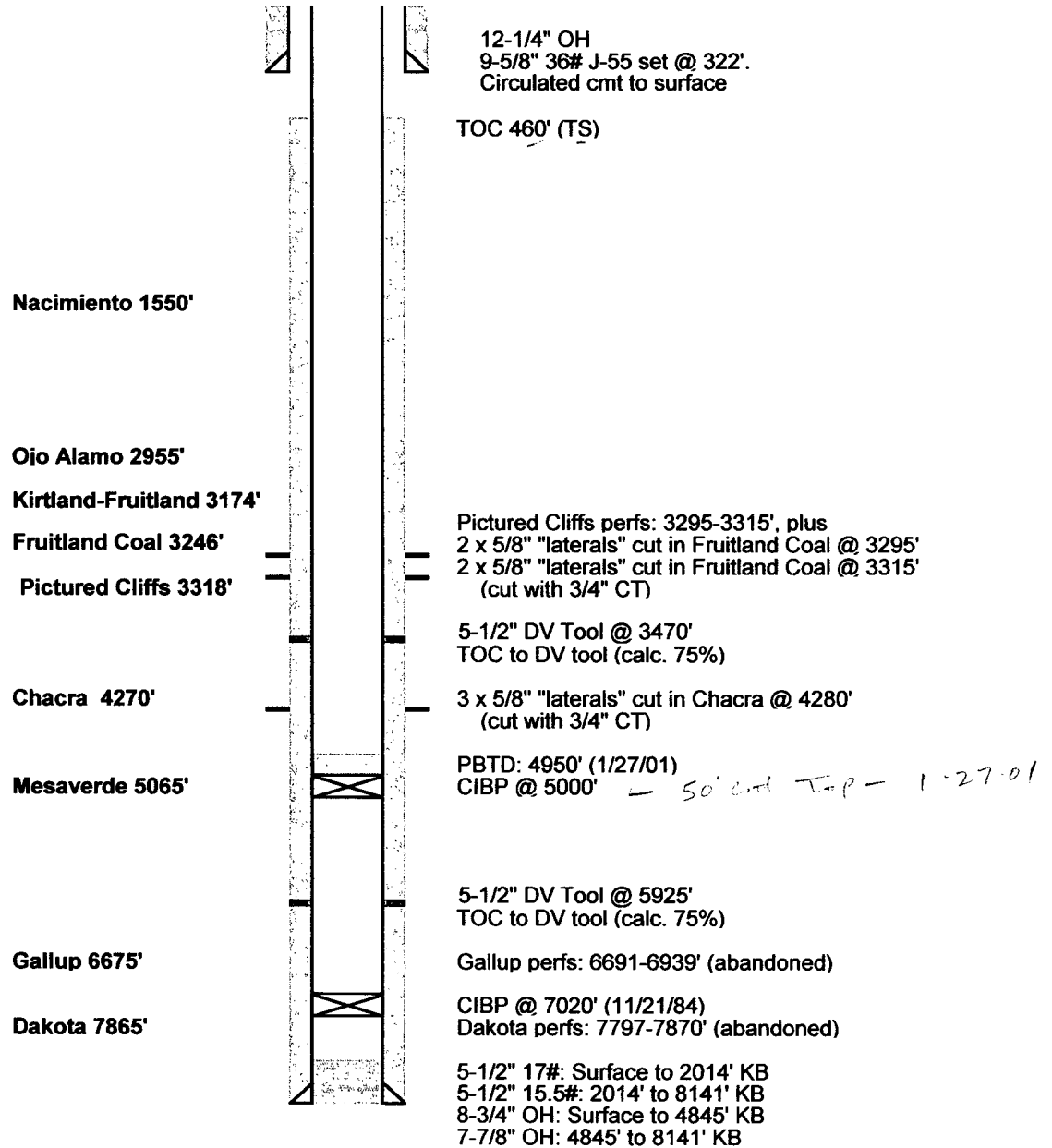
Formation Tops:

Nacimiento 1550'
 Ojo Alamo 2955'
 Kirtland-Fruitland 3174'
 Fruitland Coal 3246'
 Pictured Cliffs 3318'
 Chacra 4270'
 Mesaverde 5065'
 Gallup 6675'
 Dakota 7865'

Perforations: Gallup: 6691-6939' (abandoned 1/01)
 Dakota: 7797-7871' (abandoned 11-84)
 Chacra: 4280' (3 x 5/8" laterals" cut with CT 2-01)
 Pictured Cliffs: 3295-3315' perfs, plus 4 x 5/8" laterals" cut with CT 2-01)

Wellbore Diagram
 Krystina #1
 SW/4 Sec. 14, T24N, R2W
 Rio Arriba County Co., NM
 API #30-039-23572

(Before)



Wellbore Diagram
 Krystina #1
 SW/4 Sec. 14, T24N, R2W
 Rio Arriba County Co., NM
 API #30-039-23572

(After)

