

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.

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

5. Lease Serial No.
Contract 71
6. If Indian, Allottee or Tribe Name
Jicadilla
7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

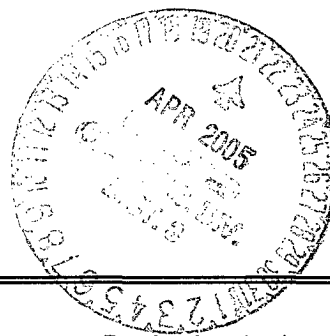
1. ☐ Oil Well ☒ Gas Well ☐ Other
2. Name of Operator
Elm Ridge Resources, Inc.
3a. Address
P.O. Box 189, Farmington, NM 87499
3b. Phone No. (include area code)
(505) 632-3476 ext. 203
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
790' FNL X 1850' FWL Sec.9-T23N-R4W NE/NW
8. Well Name and No.
Cinco Diablos #2Y
9. API Well No.
30-039-20180
10. Field and Pool, or Exploratory Area
Ballard Pictured Cliffs
11. County or Parish, State
Rio Arriba 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 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.)

The above referenced well has a casing failure. We request approval to P & A this well during the week of April 18th, 2005, according to the attached procedure.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) Amy Mackey Title Production Assistant
Signature [Signature] Date April 18, 2005
THIS SPACE FOR FEDERAL OR STATE USE
Approved by Original Signed: Stephen Mason Title Date APR 20 2005
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.

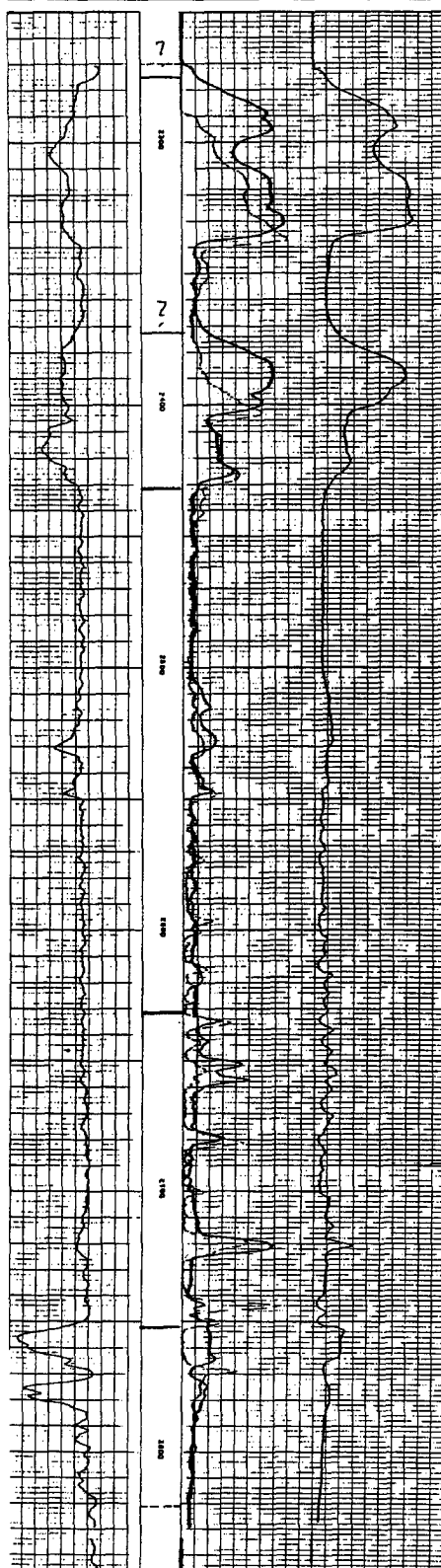
(Instructions on reverse)

NMOCD

SPONTANEOUS POTENTIAL Millivolts	DEPTH	RESISTIVITY Ohm m/ft	RESISTIVITY Ohm m/ft
- 10 + 10	0	16" NORMAL A.M.=18"	64" NORMAL A.M.=64"
	0	100	0
	0	1000	0
	0	LATERAL AD=18" 8"	100
	0	AD=18" 8"	1000
5"=100'			

↑
NACIMIENTO

CINCO DIABLOS # 2Y
790' FNL X 1850' FWL
SEC. 9, T23N R4W
RIO ARRIBA CO., NM



?
TOA (Nmoco) 2275'

?
TOA (Bm) 2372'

KK 2432'

KF 2632'

Kpc 2752'

- 10 + 10	0	LATERAL AD=18" 8"	1000
	0	AD=18" 8"	100
	0	1000	0
	0	100	0
	0	16" NORMAL A.M.=18"	64" NORMAL A.M.=64"
SPONTANEOUS POTENTIAL Millivolts	DEPTH	RESISTIVITY Ohm m/ft	RESISTIVITY Ohm m/ft
Company	JOHN E. SCHALK	Drillers T.D.	2845
Well	KEETON-CINCO #2-1	Log FR	2821
Field	BALLARD PICTURED CLIFFS	Log T.D.	2822
County	SAN JUAN SEC. 9-23N-4W	Elevations:	
State	NEW MEXICO	K.S. 7-28 D.F.	G.L. 7118

Elm Ridge Resources

Pertinent Data Sheet

Well Name: Cinco Diablos #2Y
Footage: 790' FNL and 1850' FWL
Location: Section 9, T23N, R4W
County: Rio Arriba County, NM
API#: 30-039-20180

Field: Ballard Pictured Cliffs

Elevation: 7118' GR

TD: 2845' KB
PBTD: 2812' KB

Completed: 3/28/69

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
10-3/4"	7-5/8"	29.7#	N/A	98'	89 ft ³ (Circ. to Surface)
6-3/4"	4-1/2"	9.5#	N/A	2845'	118 ft ³ (Calc. TOC 2208')

Formation Tops:

Nacimiento	800'?
Ojo Alamo	2275'
Kirtland	2432'
Fruitland	2632'
Pictured Cliffs	2752'

Tubing Record: 1-1/4" 2.4# J-55 EUE set at 2762'

Perforations: 2752-2782'

Plugging Program for Cinco Diablos #2Y:

Plug 1: Set retainer at 2582'. Squeeze 20 sack plug below retainer, and spot 2 sacks above retainer, to cover perforations and tops of Pictured Cliffs and Fruitland.

Plug 2: With end of tubing at 2482', spot 24 sack balanced plug from 2482-2225', to cover top of Kirtland and Ojo Alamo.

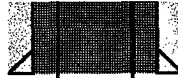
Plug 3: Shoot 4 holes at ¹⁰⁷³~~850~~'. Set retainer at ~~800~~'. Establish rate, and squeeze with 28 sacks to cover top of Nacimiento, inside and out. Spot 4 sacks on top of retainer.

Plug 4: Shoot 4 holes at 148'. Tie on to 4-1/2" casing, and pump 33 sacks, or sufficient volume to circulate cement to surface inside and outside 4-1/2" casing.

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

Wellbore Diagram
 Cinco Diablos #2Y
 NW/4 Sec. 9, T23N, R4W
 Rio Arriba County Co., NM
 API #30-039-20180

10-3/4" OH
 7-5/8" 29.7# set @ 98'
 Circulated cmt to surface



Plug #4: Shoot 4 holes at 148'
 Tie on to 4-1/2" casing and pump 33 sx
 or sufficient volume to circulate cement to surface
 inside and outside 4-1/2" casing.

Nacimiento 800'?



Plug #3: Shoot 4 holes at 850'
 Set retainer @ 800'
 Squeeze 28 sx below retainer
 Spot 4 sx above retainer

TOC 2208' (Calc.)

Ojo Alamo 2275'

Kirtland 2432'



Plug #2:
 Spot 24 sx balanced plug
 from 2225-2482'

Fruitland Coal 2632'

Pictured Cliffs 2752'

Pictured Cliffs perms: 2752-2782'

PBTD: 2812' KB
 4-1/2" 9.5# set @ 2845' KB
 6-3/4" open hole TD 2845' KB



Plug #1: 2582-2802'
 Set retainer @ 2582'
 Squeeze 20 sx below retainer
 Spot 2 sx above retainer