

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Maralex Resources, Inc. P.O. Box 338 Ignacio, CO 81137		² OGRID Number 013998
³ Property Code 15792 13867		⁴ Property Name Cecil Cast
⁵ API Number 30 - 045-31908		⁶ Well No. 2A

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	19	30N	11W		1715'	North	1100'	West	San Juan

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

⁹ Proposed Pool 1
Basin Fruitland Coal

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 5612
¹⁶ Multiple N	¹⁷ Proposed Depth 2065'	¹⁸ Formation Basin Frtld Coal	¹⁹ Contractor Unknown	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	250'	200 sx.	Surface
7-7/8"	5-1/2"	15.5#	2065'	370 sx.	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

See Attachment.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *A.M. O'Hare*

Printed name: A.M. O'Hare

Title: President

Date: 09/22/03

Phone: 970/563-4000

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 13

Approval Date: SEP 24 2003

Conditions of Approval:

Attached ☐

Expiration Date: SEP 24 2004

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31908		² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 15792	⁵ Property Name CECIL CAST		⁶ Well Number 2A
⁷ OGRID No. 013998	⁸ Operator Name MARALEX RESOURCES, INC.		⁹ Elevation 5612

Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
2	19	30 N	11 W	1715	1715	North	1100	West	San Juan

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County

¹⁰ Dedicated Acres 327.1 320	¹¹ Inlet or Infill Infill	¹² Consolidation Code	¹³ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁰ N 89° 31' W (20.97) ¹¹ 40.29 CH (19.32) ¹² Rd. WEST ¹³ 39.71 CH.		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>A.M. O'Hare</i> Printed Name: A.M. O'Hare Title: President Date: 09/22/03	
¹⁴ Lot No. (TYP.) ¹⁵ 1 ¹⁶ 39.90 CH. ¹⁷ 1715'	¹⁸ FEE ¹⁹ 1100'	²⁰ Lat. 36.79603° N ²¹ Long. 108.03956° W ²² SF-078138 ²³ SEC. 19	²⁴ FEE ²⁵ N 0° 43' E ²⁶ 39.99 CH.
²⁷ 39.75 CH. ²⁸ N 0° 20' E ²⁹ Rd. 21.31 CH.	³⁰ 3 ³¹ 19.38 CH. N 89° 41' W	³² SEP 2003 ³³ 38.76 CH.	³⁴ 5 ³⁵ N 0° 02' W ³⁶ Rd. 39.73 CH.
		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: <i>SEP 17 2003</i> Signature and Seal of <i>William D. Mahnke II</i> Certificate Number: 8466	

**MARALEX RESOURCES, INC.
APD ATTACHMENT
CECIL CAST 2A
1715' FNL; 1100' FWL
SECTION 19-T30N-R11W
SAN JUAN COUNTY, NM**

Maralex Resources, Inc., proposes to drill a vertical well at the above-designated location to test the Basin Fruitland Coal formation. A native mud will be used to drill the surface hole and produced water from Maralex's existing Fruitland wells will be used to drill the production hole. Both sets of casing will be cemented back to surface based on fluid and/or log calipers run at total depth.

The drilling contract has not been awarded yet, thus the BOP model to be used is not yet known. A typical model is shown on the attached page. Once out from under the surface casing, a minimum of 1,000 psi BOP and choke manifold system will be used. BOP controls will be installed before drilling the surface casing plug and used until the well is completed or abandoned.