Form 3160-4
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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2004 MAY 28 AM 10: 29
070 Farmington NM

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM76857

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other Re-complete Well

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: Maralex Resources, Inc.

8. Lease Name and Well No. Alamo Wash 32-34

3. Address: P.O. Box 338, Ignacio, CO 81137

3a. Phone No. (include area code): 970/563-4000

9. API Well No. 30-045-28023

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1965' FNL; 2310' FEL
Section 34-T25N-R11W

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory: Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area: Sec 34-T25N-R11W

12. County or Parish: San Juan

13. State: NM

14. Date Spudded: 10/18/90

15. Date T.D. Reached: 10/26/90

16. Date Completed ☐ D&A ☐ Ready to Prod. 02/03/04 (recomplete)

17. Elevations (DF, RKB, RT, GL)*: 6647' GL

18. Total Depth: MD / TVD 5195'

19. Plug Back T.D.: MD 1819' / TVD

20. Depth Bridge Plug Set: MD / TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Cased Hole GR, CCL

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
J-55 12-1/4	8-5/8"	24#	Surf.	578'		350sx Class B		Surface	
K-55 7-7/8	5-1/2"	15.5#	Surf.	5188.97		530sx Class B & 200sx Class B		Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	1675'							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Frtld Coal			1336-1354'	4"	4JSPF	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
See Attachment for acid & frac reports.	SWF

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Waiting to 1st deliver well	5/28/04					Information to follow.			Pipeline is complete.

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

ACCEPTED FOR RECORD
JUN 03 2004
FARMINGTON FIELD OFFICE
BY SMA

NMOCD

3b. Production - Interval C

ate First roduced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

3c. Production - Interval D

ate First roduced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

). Disposition of Gas *(Sold, used for fuel, vented, etc.)*

). Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth

2. Additional remarks (include plugging procedure):

Logs to be mailed to the BLM.

3. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Carla S. Shaw Title Production Technician

Signature Carla S. Shaw Date May 25, 2004

tle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United ates any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MARALEX RESOURCES, INC.

ALAMO WASH 32 # 34

SUPPLEMENTAL INFORMATION TO FORM 3160-4

REPORT DATE: 02/04/04

Perforate Basin Fruitland Coal from 1336' – 1354'.

REPORT DATE: 02/05/04

Pump 300 gallons 7-1/2% HCL, followed with 600 gallons
12-3 mud acid. Dropped (100) 1.1 S.G. ball sealers in middle 400 gallon of mud of mud acid. Flush acid with produced water. Observed good ball action. Maxed out on 1500 psi – pressure limit. Surge balls. Rig down Halliburton. Acid pumped at 3-5 BPM at 500 to 1500 psi, On vacuum in less than 10 minutes.
Trip out of hole with tubing. Pickup 5-1/2" casing scraper. Trip in hole and tag PBTD @ 1819'.

REPORT DATE: 02/09/04

Fracture stimulate Fruitland Coals (1336' – 1354') as follows:

Pump 1000 gallons 15% HCL – flush with 864 gallons water.
Shut down for 30 minutes (acid across perfs)

Pump 13,990 gallons	20# Delta Frac	
Pump 11, 995 gallons	20# Delta Frac with 1 PPG	16-30 Brady
Pump 9,962 gallons	20# Delta Frac with 2 PPG	16-30 Brady
Pump 6,985 gallons	20# Delta Frac with 3 PPG	16-30 Brady
Pump 5,983 gallons	20# Delta Frac with 4 PPG	16-30 Brady
Pump 1,851 gallons	20# Delta Frac with 5 PPG	16-30 Brady
Pump 3,414 gallons	20# Delta Frac with 6 PPG	16-30 Brady
Pump 975 gallons	20# Delta Frac with 7 PPG	16-30 Brady
Pump 1,948 gallons	20# Delta Frac with 8 PPG	16-30 Brady

Flush with 1125 gallons gelled water and ISIP – 558, 5 minutes 508, 10 minutes 468, 15 minutes 438. Shut in well. Rig down Halliburton. All sand tagged with Iridium 192. Treatment pumped at 35 BPM rate treating pressure 1000 psi – 620 psi. Pumped a total of 132,000# 16-30 Brady Sand.