

# RECEIVED

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 16 2010

Farmington Field Office

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG Management

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

2. Name of Operator  
Maralex Resources, Inc.

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

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

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

At surface 1480' FSL; 690' FWL

At top prod. interval reported below

Vertical well  
At total depth

14. Date Spudded  
04/22/2010

15. Date T.D. Reached  
05/04/2010

16. Date Completed 07/14/2010  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6147' GL 6164' KB

18. Total Depth: MD 6262' KB  
TVD

19. Plug Back T.D.: MD 6253' KB  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Tripple Combo/Array Induction/CBL/Compensated Neutron

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#/ft	surface	353' KB		250 sx Class G	52	surface/cir	19 bbl
7-7/8"	5-1/2" J-55	17#/ft	surface		4943' KB	230 sx Type V	229	surface/cir	12 bbl
				6262' KB		640 sx Halb Prm		surface/cir	35 bbl
						+ 50 sx Class G			

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" J-55	4.7#/ft 6139'	KB						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Dakota	6057'	6237'	6074' - 6102'	0.4"	4JSPF	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6074' - 6102'	6/17/10 - Pump 750 gal 7-1/2% HCl w/150 1.1 S.G. biodegradable ball sealers evenly spaced throughout acid. Flush w/40 bbl water. Pump 2100 gal prod water to est rate (50 BPM @1800 psi). Pump 10000 gal prod water w/0.05 ppg Lite Prop 108 (14/40 mesh) - 500 lbs. Pump 40000 gal prod water w/0.1 ppg Lite Prop - 4000 lb. Pump 12000 gal prod water w/0.2 ppg Lite Prop - 2400 lbs. Pump 10000 gal prod water w/0.3 ppg Lite Prop - 3000 lbs. Flush 2/ 5931 gal of prod water. (see next pg)

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
			→						Well will be tested with first delivery
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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

SEP 17 2010

FARMINGTON FIELD OFFICE

NMOCD

ROD SEP 24 '10  
OL CNS.DIV.  
CST-3

28b. Production - Interval C									
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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D									
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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. 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
Pictured Cliffs	1462'				
Mesaverde	2347"				
Mancos Shale	4177'				
Gallup	5027'				
Greenhorn	5907'				
Graneros	5957'				
Dakota	6057'				

32. Additional remarks (include plugging procedure):

Acid/Frac treatment (cont'd)

ISIP - 1334 psi, 5 min = 1091 psi, 10 min = 922 psi. Total load to recover = 1834 bbl

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. 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) Doris Ney

Signature *Doris Ney*

Title Production Technologist

Date 09/16/2010

Title 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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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