

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RCUD MAY25/07
OIL CONS. DIV.

DIST. 3

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
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)*

930' FNL; 660' FWL (NWNW)

At surface

Same as above.

At top prod. interval reported below

At total depth Same as above.

14. Date Spudded
04/18/2007

15. Date T.D. Reached
04/21/2007

16. Date Completed 05/11/2007
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6575' GL 65' 15"

18. Total Depth: MD 1445'
TVD

19. Plug Back T.D.: MD 1390'
TVD

20. Depth Bridge Plug Set: MD N/A
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CCL, CBL, GR (already submitted)

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" New	23#	Surface	138'		120 sx Type G		Surface	
7-7/8"	5-1/2" New	15.5#	186' 0"	1431'		125 sx 65/35		Surface	
						Standard			
						Pozmix & 70 sx			
						Standard cmt			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	1326'	N/A						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	1278'	1294'	1279'-1293'	4"	4 JSPF	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
1279'-1293'	Acidize with 300 gallons 7.5% HCL followed by 600 gallons 12/6 HF mud acid at 4.5 BPM. Flush with 5 BBLs overflush. ISIP 60 psig, 5 min=0 psig. Frac stimulate 12,000 gals Delta 140 pad. 8000 gals with 0.5 ppg 16/30 sand; 8000 gals with 1 ppg 16/30 sand; 8000 gals w/2 ppg 16/30 sand; 8000 gals w/3 ppg 16/30 sand. Kept losing hydration tank volume during job. Re attempted job. Pumped approx 45,000 gals fluid & 52,700 lb sand. (See page 2, #32 additional remarks, for additional info)

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
5/18/07	5/18/07	24	→	0	5	380			Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	0	5	380		Producing	

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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

RECEIVED
BLM
210 FARMINGTON

ACCEPTED FOR RECORD

MAY 24 2007

NMOCD

FARMINGTON FIELD OFFICE

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.)

Vented

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
Basin Fractured Coal	1278'	1294'			
Pictured Cliffs	1321'				
TD	1445'				

32. Additional remarks (include plugging procedure):

*Additional information to # 27 (frac stimulation).

Frac stimulate with 11,998 gals Delta 140 pad. 8181 gals with 0.5 ppg 16/30 sand; 8335 gals with 1 ppg 16/30 sand; 8715 gals with 2 ppg 16/30 sand; 9019 gals with 3 ppg 16/30 sand; 8078 gals with 4 ppg 16/30 sand; 8864 gals with 5 ppg 16/30 sand. 1,151 Flush.

Total sand pumped 116,500# plus 52,700# for a total of 169,200# of 16/30 sand. Max press 2183 psig.

Final Frac gradient was 1.3 psi/ft. Average rate was 29.2 BPM. Average treating pressure was 1725 psig. ISIP = 1204, 5 min=704, 10 min=675, 15 min=664.

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 Notices 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) Carla S. Shaw

Title Production Technician

Signature

Carla S. Shaw

Date

05/23/07

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.

(Continued on page 3)

(Form 3160-4, page 2)