

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR MARALEX Resources, Inc.						6. LEASE DESIGNATION AND SERIAL NO. SF-078480	
3. ADDRESS OF OPERATOR 518 17th St., Suite 1030, Denver, CO 80202						6. IF INDIAN, ALLOTTEE OR TRIBE NAME None	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 690' FSL & 1145' FWL At top prod. interval reported below 690' FSL & 1145' FWL At total depth 690' FSL & 1145' FWL						7. UNIT AGREEMENT NAME Hammond W.N. Federal	
14. PERMIT NO. _____ DATE ISSUED _____						8. FARM OR LEASE NAME 10	
15. DATE SPUDDED 11-23-90 16. DATE T.D. REACHED 11-26-90 17. DATE COMPL. (Ready to prod.) 01-15-91 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6650' GL, 6662' KB 19. ELEV. CASINGHEAD 6650'						9. WELL NO. 10	
20. TOTAL DEPTH, MD & TVD 2902'		21. PLUG BACK T.D., MD & TVD 2850'		22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2762' - 2788' Fruitland Coal 2631' - 2723' Fruitland Coal						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-FP-GR, FDC-CNL-GR Caliper, High Resolution Density						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		303'		12 1/4"	
5 1/2"		17#		2902'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		2765'		None			
31. PERFORATION RECORD (Interval size and number)							
See Attachment							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
2762'-2788'		428 Bbls 20# Gel, 589695 SCF N ₂					
2631'-2723'		100000# 20-40 Mesh Sand					
		307 Bbls 20# Gel, 586400 SCF N ₂					
		10500# 40-70 Sand & 97300# 20-40 Sand					
33. PRODUCTION							
DATE FIRST PRODUCTION 01-15-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plunger Lift				WELL STATUS (Producing or shut-in) SI - WO BLM Approval	
DATE OF TEST 03-06-91		HOURS TESTED 2.6		CHOKE SIZE 1/4"		PROD'N. FOR TEST PERIOD 0	
FLOW. TUBING PRESS. 100		CASING PRESSURE 220		CALCULATED 24-HOUR RATE 0		OIL—BBL. 10	
						WATER—BBL. .17	
						GAS—OIL RATIO Infinite	
						OIL GRAVITY-API (CORR.) -	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented							
35. LIST OF ATTACHMENTS Perforation Record Deviation Report & Cement Job Log Report (Logs submitted direct from logging company)							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Garrett A. Bay</u>		TITLE <u>Regulatory Agent</u>		DATE <u>3-14-91</u>		915/683-2734 915/694-6107	

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCD

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: 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			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2060	2115	Sand Stone		
Kirtland	2115'	2572'	Sands, Silts & Shales		
Fruitland	2572'	2828'	Sand, Coals & Shales		
Pictured Cliffs	2828'	2902'	Sands & Silts		
Total Depth	2902'				

Hammond W.N. Federal Well No. 10

Basin-Fruitland Coal Gas Field

690' FSL & 1145' FWL Section 26, T-27-N, R-8-W

San Juan County, NM

Perforation Record

2762' - 2764'	.52"	4/JSPF
2776' - 2780'	.52"	4/JSPF
2784' - 2788'	.52"	4/JSPF
2631' - 2633'	.52"	4/JSPF
2640' - 2642'	.52"	4/JSPF
2647' - 2650'	.52"	4/JSPF
2655' - 2658'	.52"	4/JSPF
2671' - 2679'	.52"	4/JSPF
2721' - 2723'	.52"	4/JSPF