

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

SF-078480

6. If Indian, Allottee or Tribe Name

None

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hammond W.N. Federal #9

9. API Well No.

10. Field and Pool, or Exploratory Area

Basin-Fruitland Coal Gas

11. County or Parish, State

San Juan County, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MARALEX Resources, Inc.

3. Address and Telephone No.

518 17th St., Suite 1030, Denver, CO 80202 505/632-1853

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1690' FSL & 645' FWL (Unit Letter L)
Sec 25, T27N, R8W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

Production Casing

(Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Hole Size: 7 7/8"

Casing: 53 Jts (2080') 5 1/2", J-55, 17#, LT&C Casing set @ 2236'.
Guide Shoe @ 2236', Insert Float @ 2193', Centralizers @
2213', 2173', 2105', 2069', 1984', 1883', 1762', 1675',
1587', 1498', 1410', 1323', 1234', 1147', 1058', 970',
926', 839', 762', 350', & 263'.

Cement: 300 sx Pace Setter Lite & 100 sx Class B cement.
Circulated 10 sx cement to surface.

Bumped Plug w/13000 psi - Held OK.

Plug Down @ 1:00 PM 11-19-90.

14. I hereby certify that the foregoing is true and correct

Signed Camie A. Bay

Title Regulatory Agent

915/604-6077

Date

11-19-90

(This space for Federal or State office use)

JAN 04 1991

Approved by _____
Conditions of approval, if any:

Title

Date

FARMINGTON RESOURCE AREA

BY Joe

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side

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 ☐				5. LEASE DESIGNATION AND SERIAL NO. SF-078480							
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME None							
2. NAME OF OPERATOR MARALEX Resources, Inc.				7. UNIT AGREEMENT NAME ----							
3. ADDRESS OF OPERATOR 518 17th St., Suite 1030, Denver, CO 80202				8. FARM OR LEASE NAME Hammond W.N. Federal							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1690' FSL & 645' FWL At top prod. interval reported below 1690' FSL & 645' FWL At total depth 1690' FSL & 645' FNL				9. WELL NO. 9							
14. PERMIT NO. API #30-045-28370				DATE ISSUED -		12. COUNTY OR PARISH San Juan		13. STATE NM			
15. DATE SPUNDED 11-16-90		16. DATE T.D. REACHED 11-18-90		17. DATE COMPL. (Ready to prod.) 01-14-91		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5970' GR		19. ELEV. CASINGHEAD 5970'			
20. TOTAL DEPTH, MD & TVD 2340'		21. PLUG, BACK T.D., MD & TVD 2181'		22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2077.5' - 2091' Fruitland Coal 1927' - 1985' Fruitland Coal			
25. WAS DIRECTIONAL SURVEY MADE Yes								26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-SP-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		CEMENTING RECORD		AMOUNT PULLED	
8 5/8"		24#		334'		12 1/4"		235 sx Class B		Circ 8 sx to Sur.	
5 1/2"		17#		2236'		7 7/8"		300 sx Pace Setter Lite +100 sx Class B		Circ 10 sx to Sur.	
29. LINER RECORD										TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										2 3/8"	
										2108'	
										None	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2087.5' - 2091'		.52"		4/JSPF		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
2077.5' - 2081'		.52"		4/JSPF		277.5' - 2091'		See attachment			
1972' - 1985'		.52"		4/JSPF		1927' - 1985'		See attachment			
1956' - 1958'		.52"		4/JSPF		1927' - 2091'		See attachment			
1946' - 1950'		.52"		4/JSPF							
1927' - 1928.5'		.52"		4/JSPF							
33. PRODUCTION											
DATE FIRST PRODUCTION 01-14-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plunger Lift								WELL STATUS (Producing or shut-in) SI - WO Potential Test	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—M.C.	
*										WATER—BBL.	
										GAS-OIL RATIO	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—M.C.		WATER—BBL.	
		300								OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) * Will send in Sundry Notice when well is tested.										35. LIST OF ATTACHMENTS Frac Report 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										37. SIGNED Carrin A. Bap	
										TITLE Regulatory Agent	
										DATE 3-25-91	

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

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 TEST, TIME TOOL OPEN, FLOWING, AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	1369'	1494'	Sand Stone				
Kirtland	1494'	1866'	Sands, Silts & Shales				
Fruitland	1866'	2138'	Sands, Coals & Shales				
Pictured Cliffs	2138'	2340'	Sands & Silts				
Total Depth	2340'						

RECEIVED
APR 17 1991
OIL CON. DIV.
DIST. 3

Hammond W.N. Federal Well No. 9

Basin-Fruitland Coal Gas Field

1690' FSL & 645' FWL Section 25, T-26-N. R-8-W

San Juan County, NM

FRAC JOB

Depth Interval (MD)

Fracture

277.5' - 2091'

245 Bbls 20# Gel, 341100 SCF N₂,
10,000# 40-70 Sand & 23,000# 20-40 Sand

1927' - 1985'

351 Bbls 20# Gel, 41130 SCF N₂,
10,000# 40-70 Sand & 90,000# 20-40 Sand

1927' - 2091'

377 Bbls 20# Gel, 530570 SCF N₂'
145000# 40-70 Sand & 86500# 20-40 Sand