

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.						3. ADDRESS OF OPERATOR 518 17th St., Suite 1030, Denver, CO 80202	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						5. LEASE DESIGNATION AND SERIAL NO. SF-078478	
At surface 1762' FNL & 730' FEL						6. IF INDIAN, ALLOTTEE OR TRIBE NAME None	
At top prod. interval reported below 1762' FNL & 730' FEL						7. UNIT AGREEMENT NAME -----	
At total depth 1762' FNL & 730' FEL						8. FARM OR LEASE NAME Marron W.N. Federal	
14. PERMIT NO. API #30-045-28369						13. STATE NM	
15. DATE SPUDDED 11-13-90						12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 11-15-90						13. STATE NM	
17. DATE COMPL. (Ready to prod.) 12-19-90						10. FIELD AND POOL, OR WILDCAT Basin-Fruitland Coal Gas	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5988' GL, 6001' KB						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 23, T-27-N, R-8-W	
19. ELEV. CASINGHEAD 5988'						12. COUNTY OR PARISH San Juan	
20. TOTAL DEPTH, MD & TVD 2345'						13. STATE NM	
21. PLUG, BACK T.D., MD & TVD 2270'						10. FIELD AND POOL, OR WILDCAT Basin-Fruitland Coal Gas	
22. IF MULTIPLE COMPLEMENTS, HOW MANY* -----						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 23, T-27-N, R-8-W	
23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 2207'-2229' Fruitland Coal 2048'-2095' Fruitland Coal						12. COUNTY OR PARISH San Juan	
24. TYPE ELECTRIC AND OTHER LOGS RUN DIL-LDT-CNL, High Resolution Density						13. STATE NM	
25. WAS DIRECTIONAL SURVEY MADE Yes						10. FIELD AND POOL, OR WILDCAT Basin-Fruitland Coal Gas	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-LDT-CNL, High Resolution Density						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 23, T-27-N, R-8-W	
27. WAS WELL CORED No						12. COUNTY OR PARISH San Juan	
28. CASING RECORD (Report all strings set in well)						13. STATE NM	
Casing Size		Weight, lb./ft.	Depth Set (MD)	Hole Size	Cementing Record	Amount Pulled	
8 5/8"	24#	332'	12 1/4"	250 sx Class B w/2% CaCl	Circ 17 sx to Sur.		
5 1/2"	17#	2343'	7 7/8"	325 sx Pace Lite w/6% Gel & .25 PPS CelloSeal + 100 sx Class B w/.95% Flo-Lok	Circ 6 601/sent		
29. LINER RECORD				30. TUBING RECORD			
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
					2 3/8"	2185'	None
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2207'-2229'	.52"	4/JSPF	Depth Interval (MD)		Amount and Kind of Material Used		
2095'-2105'	.52"	4/JSPF	2207'-2229'		515 Bbls 20# Gel, 601160 SCF N2 & 120100# 20-40 Sand		
2069'-2079'	.52"	4/JSPF	2095'-2048'		434 Bbls 20# Gel, 454720 SCF N2 & 10000# 40-70 Sand & 95000# 20-40 Sand		
2066.5'-2068'	.52"	4/JSPF					
2048'-2050'	.52"	4/JSPF					
33. PRODUCTION				34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)			
Date First Production	Production Method (Flowing, gas lift, pumping—size and type of pump)			Well Status (Producing or shut-in)			
2-06-91	Flowing			SI - WO PL Connection			
Date of Test	Hours Tested	Choke Size	Prod'n. for Test Period	Oil—BBL.	Gas—MCF.	Water—BBL.	Gas-Oil Ratio
2-06-91	24 Hrs	1/4"	→	0	204	0	Infinite
Flow. Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil—BBL.	Gas—MCF.	Water—BBL.	Oil Gravity-API (CORR.)	
195	210	→	0	204	0	-	
35. LIST OF ATTACHMENTS				36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
Deviation Report & Cementing Job Log (Logs sent to BLM direct from logging company)				915/683-2734			
SIGNED <u>Garnie A. Bay</u>				TITLE <u>Regulatory Agent</u> 915/694-6107 DATE <u>2-14-91</u>			

*(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 USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1149'	1167'	Sand Stones & Silt Stones			
Kirtland	1167'	1924'	Shales, Sands & Silts			
Fruitland	1924'	2230'	Sands, Coals & Shales			
Pictured Cliffs	2230'	2345'	Sand Stones & Silt Stones			
Total Depth	2345'					

FOUR CORNERS DRILLING CO.

P. O. BOX 1067

491 HWY. 64

FARMINGTON, NEW MEXICO 87499

TELEPHONE: (505) 326-3371

FAX: (505) 326-3370

December 26, 1990

Maralex Resources
415 W. Wall, Suite 2215
Midland, Texas 79701
Attn: Carrie Baze

Dear Carrie:

This is to certify the deviation surveys on the following wells:

Sec. 23, T27N, R8W

MARRON WN FED #8

DEPTH

303 - 1/4°

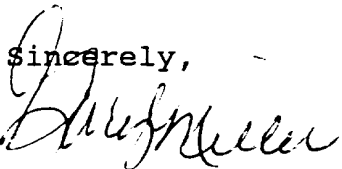
802 - 1°

1299 - 1-3/4°

1830 - 1-3/4°

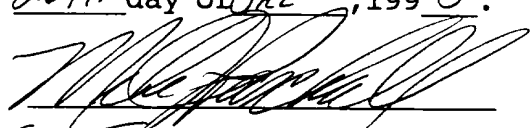
2325 - 1-3/4°

Sincerely,


Gary Miller
Drilling Superintendent

GM/jp

Subscribed and sworn to, before me, this 26TH day of DEC, 1990.


Notary Public in and for the County of SAN JUAN, State of NM

My commission expires 8.29.94