

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. RECEIVED SF-078478	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. INDIAN, ALLOTTEE OR TRIBE NAME None	
2. NAME OF OPERATOR MARALEX Resources, Inc.		7. PERMIT AGREEMENT NAME PMT: CO	
3. ADDRESS OF OPERATOR 518 17th St., Suite 1030, Denver, CO 80202		8. FARM OR LEASE NAME STON, N.M. Oxnard	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2450' 2456' FNL & 1708' FEL At top prod. interval reported below 2456' FNL & 1708' FEL At total depth 2456' FNL & 1708' FEL		9. WELL NO. 4	
14. PERMIT NO. API #30-045-28294		10. FIELD AND POOL OR WILDCAT Basin-Fruitland Coal Gas	
15. DATE SPUDDED 11-02-90		11. SEC., T., R. M., OR BLOCK AND SURVEY OR AREA Sec 22, T-27-N, R-8-W	
16. DATE T.D. REACHED 11-04-90		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 01-09-91		13. STATE NM	
18. ELEVATIONS (DF, RES. RT, GR, ETC.)* 5939' GR		19. ELEV. CASINGHEAD 5939'	
20. TOTAL DEPTH, MD & TVD 2200'		21. PLUG, BACK T.D., MD & TVD 2194'	
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)* 1901'-1966' Fruitland Coal 2056'-2110' Fruitland Coal		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-CNL-FDC-Calipher, 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"	23#	335'	12 1/4"
5 1/2"	17#	2194'	7 7/8"
			CEMENTING RECORD
			250 sx Class B w/2% CaCl
			350 sx Halliburton Lite
			+ 100 sx Class B
			AMOUNT PULLED
			Circ to Sur.
			Circ 30 sx to Sur.
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	2056'	None	
31. PERFORATION RECORD (Interval, size and number)			
2040'-2056'	.52"	4/JSPF	
2029'-2031'	.52"	4/JSPF	
2010'-2013'	.52"	4/JSPF	
1953'-1966'	.52"	4/JSPF	
1931'-1939'	.52"	4/JSPF	
1925'-1927'	.52"	4/JSPF	
1901'-1902'	.52"	4/JSPF	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2010'-2056'		389 Bbls 20# Gel, 496335 SCF N2	
		10000# 40-70 Sand & 102100# 20-40 Sand	
1901'-1966'		365 Bbl 20# Gel, 651050 SCF N2	
		10000# 40-70 Sand & 92000# 20-40 Sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 01-09-91	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plunger Lifted w/4 Hr. SI Cycles		WELL STATUS (Producing or shut-in) SI, WO PL Connection
DATE OF TEST 02-27-91	HOURS TESTED 24 Hrs.	CHOKE SIZE Open	PROD'N. FOR TEST PERIOD OIL—BBL. 0 GAS—MCF. 33
FLOW. TUBING PRESS. 80	TESTING PRESSURE 200	CALCULATED 24-HR RATE 33	WATER—BBL. 4
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		OIL GRAVITY-API (CORR.) -	
35. LIST OF ATTACHMENTS 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 915/694-6107			
SIGNED <u>Garin A. Bay</u>		TITLE <u>Regulatory Agent</u> 915/683-2734 DATE <u>3-13-91</u>	

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

NS0001

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	TOP MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1263'	1294'	Sand Stone			
Kirtland	1294'	1830'	Sands, Silts & Shales			
Fruitland	1830'	2063'	Sands, Coals & Shales			
Pictured Cliffs	2063'	2200'	Sands & Silts			
Total Depth	2200'					

RECEIVED
APR 17 1991
OIL CON. DIV. 1
DIST. 3