

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NMSF080917	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 30-045-28667	
2. NAME OF OPERATOR Maralex Resources, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 338, Ignacio, CO 81137		8. FARM OR LEASE NAME Atlantic Fruitland 5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1060' FSL & 1177' FWL Sec. 05-T30N-R10W (SWSW) At top prod. interval reported below At total depth		9. WELL NO. 2	
14. PERMIT NO. 30-045-28667		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA M Sec 5-T30N-R10W	
12. COUNTY OR PARISH San Juan		13. STATE NM	
15. DATE SPUDDED 5/92	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.) 03/26/97	18. ELEVATIONS (OF, RKB, RT, OR, ETC.)* 6235' GL; 6247' KB
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 2933'		
21. PLUG, BACK T.D., MD & TVD 2895'		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Basin Fruitland Coal 2626-2876'			25. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, GR, CCL			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#	268'	12-1/4"
4-1/2"	11.6#	2932'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
207cf 175sx			
1167cf 675sx			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)		
2-3/8"	2867' KB		
31. PERFORATION RECORD (Interval, size, and depth)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
See Attachment		DEPT. INTERVAL (MD)	
		AMOUNT AND KIND OF MATERIAL USED	
		See Attachment	
33. PRODUCTION		WELL STATUS (Producing or shut-in)*	
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		
DATE OF TEST 3/19/97	HOURS TESTED 24 hrs.	CHOKE SIZE 1/8"	PROD'N. FOR TEST PERIOD
FLOW, TUBING PRESS.	CASING PRESSURE 520	CALCULATED 24-HOUR RATE	OIL—BBL. 0
			GAS—MCF. 185
			WATER—BBL. 0
			GAS-OIL RATIO
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Matt Dodson	
35. LIST OF ATTACHMENTS Perforating, Acid and Frac Information Attached			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Paul A. Shaw</u>		TITLE <u>Production Tech</u>	
DATE <u>MAY 28 1997</u>		DATE <u>MAY 28 1997</u>	

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

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.

ACCEPTED FOR RECORD
FARMINGTON DISTRICT OFFICE

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
Surface to Ojo Alamo Kirtland to Fruitland Pictured to Cliffs			Sand/shale Sand/shale/coal Sand/shale	Ojo Alamo Kirtland-Fruitland Pictured Cliffs	1810' 1885-2424 2890'	

MARALEX RESOURCES, INC.

SUPPLEMENTAL PAGE

ATLANTIC FRUITLAND 5 # 2
1060' FSL; 1177' FWL
05-T30N-R10W
SAN JUAN CO., NM
NMSF 080917

PERFORATING AND ACID RECORD AS FOLLOWS:

PERFORATION	GALS ACID
2626-2630'	150
2658-2660'	100
2682-2710'	300
2735-2763	100
2833-2837'	100
2842-2844'	200
2872-2876'	150

All intervals were perforated with a full lubricator and with 4 JSPF using 3-1/8" guns at 90 degree phasing. Each interval treated with 12-3 mud acid.

FRAC TREATMENT AS FOLLOWS:

50,000 gal 70Q Foam Pad
18,000 gal 1 PPG 20-40 Arizona Sand
18,000 gal 2 PPG " " "
14,000 gal 3 PPG " " "
10,000 gal 4 PPG " " "
8,000 gal 5 PPG " " "
8,000 gal 6 PPG " " "

Flush with 1542 gal. water. Avg. Rate = 72 BPM at 3700 psi.

Pumped all sand - 224,000 lbs.

ISIP = 750; 5 min. = 521 psi; 10 min. = 492 psi; 15 min. = 473 psi. Total load = 2.2 MMCF Nitrogen, 608 BBL water.