

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.

5. LEASE DESIGNATION AND SERIAL NO.

NMSF078476

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other 91 JUL -1

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other 619 FARMING

2. NAME OF OPERATOR

MARALEX Resources, Inc.

3. ADDRESS OF OPERATOR

410 17th Street, Suite 220, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1233' FNL & 1757' FWL (Unit Letter C)

At top prod. interval reported below 1233' FNL & 1757' FWL

At total depth 1233' FNL & 1757' FWL

API 30-045-28523

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

4-30-91

16. DATE T.D. REACHED

5-02-91

17. DATE COMPL. (Ready to prod.)

6-22-91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5873' GR

19. ELEV. CASINGHEAD

5873'

20. TOTAL DEPTH, MD & TVD

2220'

21. PLUG BACK T.D., MD & TVD

2144'

22. IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

1492' - 1502' Kirtland Wildcat

1932' - 2064' Fruitland Coal

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-FDC-CNL-Gamma Ray 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	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	321'	12 1/4"	300 sx Class B w/2% CaCl	62 sx
5 1/2"	15.5#	2214.5'	7 7/8"	25 sx Scavenger Slurry + 275 sx Pace Setter Lite + 140 sx Class B Tail Cement	28 sx

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	1568'	1892'
					2 1/16"	2059'	

31. PERFORATION RECORD (Interval, size and number)

1492'-1502'	.51" Diam	4/JSPF
1932'-1935'	.51" Diam	2/JSPF
1947'-1949'	.51" Diam	2/JSPF
1980'-2000'	.51" Diam	2/JSPF
2022'-2027'	.51" Diam	2/JSPF
2032'-2056'	.51" Diam	2/JSPF
2060'-2064'	.51" Diam	2/JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1932'-2064'	733 bbls 40# gel, 1,060,000 SCF N2, 173,000# 20-40 Mesh Sand

33.*

DATE FIRST PRODUCTION

6-17-91

PRODUCTION METHOD (Flowing, **ACCEPTED FOR RECORD** pumping—size and type of pump)

Flowing

WELL STATUS (Producing or
shut-in)

SI - WO Potential

DATE OF TEST

*

HOURS TESTED

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

JUL 22 1991

GAS—MCF.

WATER—BBL.

GAS OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED
24-HOUR RATE

OIL—BBL.

FARMINGTON RESOURCE AREA

WATER—BBL.

OIL GRAVITY-API (°API)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

* Will send Sundry Notice when well is tested.

TEST WITNESSED BY

OIL C: DIV.

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

SIGNED Garrie A. BazeTITLE Regulatory AgentDATE 6-26-91

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

MNOCD

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	1244'	1270'	Sandstone			
Kirtland	1270'	1830'	Shale, Silts and Sands			
Fruitland	1830'	2064'	Coals, Silts, Shales, & Sands			
Pictured Cliffs	2064'	2280'	Sandstone			
Total Depth	2280'					