

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR
Maralex Resources, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 338, Ignacio, CO 81137

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1135' FSL; 1805' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30-045-29797

5. LEASE DESIGNATION AND SERIAL NO.

NO-G-9403-1260

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Allotted

7. UNIT AGREEMENT NAME

NM 99480

8. FARM OR LEASE NAME

Gracia Navajo

9. WELL NO.

22 # 1

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 22-T25N-R11W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

04/12/99

16. DATE T.D. REACHED

04/16/88

17. DATE COMPL. (Ready to prod.)

07/08/99

18. ELEVATIONS (OF, RKB, RT, OR, ETC.)*

6482' GL; 6487' KB

20. TOTAL DEPTH, MD & TVD

1458'

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

1416'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

X

ROTARY TOOLS

CABLE TOOLS

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

Basin Fruitland Coal 1142-1270'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, Compensated Neutron Litho Density Gamma Ray, Array Induction

27. WAS WELL CORRED

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#	183.60'	12-1/4"	150 sx Class B	
5-1/2"	15.5#	1454.14'	7-7/8"	175 sx Class B	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1314'	

31. PERFORATION RECORD (Interval, size and number)

See Attachment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	See Attachment

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Pumping					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
	24	1/8"	→	-	TSTM	250	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
12	12	→					

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

TEST WITNESSED BY
ACCEPTED FOR RECORD
Dennis Reimers

35. LIST OF ATTACHMENTS

Perforation 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 [Signature] TITLE Production Technician DATE SEP 10 1999

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

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland Coal Pictured Cliff TD	1142' 1270' 1458'	1270'				

38. GEOLOGIC MARKERS

MARALEX RESOURCES, INC.

GRACIA NAVAJO 22 # 1

REPORT DATE: 06/04/99

Rig up wireline mast truck. Nipple up E-line flange and pack-off. Tie in nitrogen truck to pack off valve. R.I.H. with 3 3/8" gun, set up to perforate 1251'-1260' (9') and 1263'-1268' (5') with 4 SPF, 90 degree phasing. Get on depth with gun, pressure up on casing to 3800# with nitrogen. Fire gun. Pressure dropped to 2,000#. Pump in with nitrogen at 2700 SCF/M at 1250 to 1350# for 2 minutes. Shut down. Bleed down well. P.O.O.H. with gun. Rig down mast truck and nitrogen truck. Shut in frac valve. Move off location.

REPORT DATE: 06/15/99

Move in, rig up stimulation company. Pressure test lines to 5400psi. Bleed off and load soluble ball sealers in launcher. Pressure up to 500 psi with 12-3 mud acid. Open wellhead. Pump 4 BBL acid no pressure. Drop 25 balls. Pump 3 BBLs acid. Drop 25 balls, catch pressure. Pump 3 more BBLs acid, drop 25 more balls. Pump 2 more acid, drop 25 more balls. Flush with 33 BBL water. Had good ball action. Pressure up to 3500 psi. Broke back to 2600 psi. ISIP 1415 psi. Surge balls off perfs. Shut in well. Gel up tanks. Test gel, x-linker and breaker. Pressure test lines to 4850 psi. Frac the gross interval 1251-1268' down casing as follows:

Pump 14,000 gallons 20# x-link gel pad.

Pump 6,000 gallons at 1 PPG

Pump 5,000 gallons at 2 PPG

Pump 5,000 gallons at 3 PPG

Pump 4,000 gallons at 4+PPG

Pump 3,000 gallons at 5 PPG

Pump 3,000 gallons at 6 PPG

Flush with 27 BBL. ISIP 920, 5 minutes 730, 10 minutes 650, 15 minutes 610.

Average injection rate 36 BPM, average treating pressure 1580. Pumped a total of 988 BBL x-link gel, 87,680# 16-30 sand. Shut well in for night.