

(November 1983)  
(formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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 ☒ Convert to a  
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMVR. ☐ Other ☒ Produced Water  
Disposal Well

2. NAME OF OPERATOR

Maralex Disposal, LLC

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  
950' FNL; 1600' FWL (NENW)  
At top prod. interval reported below

At total depth

Same as above

API# 30-845-21470

14. PERMIT NO. DATE

5. LEASE DESIGNATION AND SERIAL NO.  
NMNM036252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Trading Post Disposal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 26-T25N-R11W

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

15. DATE SPUDDED 5/26/74 16. DATE T.D. REACHED 6/4/74 17. DATE COMPL. (Ready to prod.) 5-1-01 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6556' GL, 6569' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6060' 21. PLUG, BACK T.D., MD & TVD 6055' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5958' - 6032' Lower Dakota 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CCL-GR 27. WAS WELL CORRED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
8-5/8"	24#	608'	12-1/4"	300 SX	
5-1/2"	15.5#	6060'	7-7/8"	800 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5930'	5930'

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)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.		

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

TEST WITNESSED BY  
SEP 26 2001

35. LIST OF ATTACHMENTS

Report of perforation squeeze, casing squeeze, perforating and frac

FARMINGTON FIELD OFFICE  
Work attached.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Michael J. Shaw

TITLE Production Technician

DATE 7/26/01

cc: NMOCD

\*(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 or any matter within its jurisdiction.

**MARALEX DISPOSAL, LLC  
CANYON NO. 14  
RE-COMPLETION TO PRODUCED WATER DISPOSAL WELL**

**950' FNL; 1600' FWL  
SECTION 26-T25N-R11W  
SAN JUAN COUNTY, NM**

The upper Dakota perforations were squeezed off and the well was re-completed in the Lower Dakota formation as follows:

Trip in hole to 5919'KB. Rig up to pump cement. Establish circulation with 5 BBl water. Spot 30 sacks Class B neat cement balanced plug. Displace with 32 BBl water. Pull out of hole 6 stands to 5544'. Reverse circulate 38 BBl water. Close casing valve and squeeze 1-1/2 BBls into perforations (5902-5906') in 3 stages. Final squeeze pressure 1,000 psig. Shut in well with 1000 psig. Job completed 10:30AM 5/1/01.

Well shut in after squeeze for 24 hours. Drill out cement and circulate hole clean to PBD of 6051'KB. Close pipe rams and pressure up on casing and tubing to 1350 psig. Bled down to 1,000 psig in 8 minutes. Squeeze not holding.

Isolate casing leak between 3378' to 3409'. Pressure up to 1500 psig and bled off to 1000 in 3 minutes. Release packer. Roll hole with 70 barrels water to balance fluid. Spot out 20 sx Class B neat cement balanced plug. Pull up 250'. Reverse circulate 27 BBls water. Set packer. Squeeze with .5 BBl water to 2,000 psig. Hesitate 10 minutes, pressure at 1850 psi. Squeeze with .25 BBl water to 2,000 psi. Hesitate 30 minutes, pressure at 1950 psi. Squeeze with .125 BBl water to 2,000 psi and shut in tubing.

Well shut in after squeeze 15 hours. Trip in hole to top of cement at 3263'. Drill out cement 3248'-3410'. Pressure test casing to 1500 psig. Bled down to 825 psig in 25 minutes. Trip in hole to 6036'.

Run CBL-CCL-GR log from PBD 6055' to 1000'. Run in hole to 3390' and shot squeeze holes at 3390'. Trip in hole with retrievable packer on 2-7/8" tubing to 3425'. Set packer and pressure test below packer to 1500 psi for 10 minutes. Held solid. Release packer. Pull up hole to 3301' and reset packer. Establish rate with produced water into squeezed perms at 1.5 BPM at 1700 psi. Release packer. Establish circulation and mix and pump 25 sacks Class B neat cement. Displace down tubing with 12 BBls produced water. Set packer and squeeze cement into leak and perms. Pressure up to 2000 psi. Squeezed approximately 1.5 BBls cement into holes. Wait on cement 24 hours.

SIP 975. Bleed off pressure. Release packer and trip out of hole. PU 4-3/4" tricone bit and bit sub and scraper. Tag cement at 3238'. Drill cement to 3392'. Circulate hole clean. Pressure test casing to 1550 psi for 25 minutes. Held like a rock. Bleed off pressure and open pipe rams.

Perforate the Lower Dakota intervals 5958'-5968' and 6012'-6032' with 4 JSPF using a 3-1/8" casing gun with 120 degree phasing.

Trip in hole to 6007'. Set packer to straddle interval 6012'-6032'. Pressure up to 2500 psi. Would not break. Open bypass and spot acid to top of packer. Close bypass and formation started taking fluid at 1700 psi. Displace 1000 gallons acid with 40 BBls produced water at 6.0 BPM and 2400 psi.

Set packer at 5955'. Set packer to straddle perms at 5958'-5968'. Pressure up to 2500 psi. Open bypass and spot acid to top of packer. Close bypass and formation started taking fluid at 1600 psi. Displace 500 gallons 15% HCL acid with 40 BBls produced water at 5.0 BPM and 2300 psi.

Frac Lower Dakota intervals 5958'-6032' down tubing as follows:

Pump 402 BBls (16885 gallons) pad.  
Pump 14,000 gallons at 1 PPG  
Pump 16,000 gallons at 2 PPG  
Pump 21,000 gallons at 3 PPG

Clean out wellbore. Swab test wellbore. Swab test well. Lay down rental string. Set injection packer at 5930'KB. Run in with seal bore assembly and 183 joints of 2-7/8" 8rd EUE internally coated tubing. Sting into packer and land tubing at 5930'. Release rig and wait on surface equipment and Right-of-Way for power.