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Form C-105
Revised 11-1-88

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Samantha "7" State

9. Well No.

3

10. Field and Pool, or Wildcat

Balm Upper Penn

1. TYPE OF WELL

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐

Name of Operator

Maralo, Inc.

Address of Operator

P. O. Box 832, Midland, Texas 79702 0832

Location of Well

IT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM

E East LINE OF SEC. 7 TWP. 14S RGE. 33E NMPM

11. Date Spudded 5-25-83 16. Date T.D. Reached 6-16-83 17. Date Compl. (Ready to Prod.) 6-28-83 18. Elevations (DF, RKB, RT, GR, etc.) 4259.2 GR 19. Elev. Casinghead 4279

20. Total Depth 9990' 21. Plug Back T.D. - 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-9990' Cable Tools

Producing Interval(s), of this completion - Top, Bottom, Name

9898 - 9921 Upper Pennsylvania

25. Was Directional Survey Made

Yes

Type Electric and Other Logs Run

EN/LD w/GR

27. Was Well Cored

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	38#	399	17"	400 sx Class C	-
8 5/8"	32#	4100	11"	1440 sx Howco Lite + 200"C"	-
5 1/2"		9990'	7 7/8"	225 sx Poz + 700sx HL + 200 Class H.	-

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	9841'	9860'

Perforation Record (Interval, size and number)

9898 - 9912

9918 - 9921

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9930 - 9430	500 gal 15% HCl acid
9898 - 9921	200 gals 15% NEA
9898 - 9921	3000 gals 15% NEA

PRODUCTION

First Production 7-4-83 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - Jet pump (type 7-A) Well Status (Prod. or Shut-in) Producing

7-15-83	Hours Tested 24hrs	Choke Size -	Prod'n. For Test Period	Oil - Bbl. 160	Gas - MCF 240	Water - Bbl. 85	Gas - Oil Ratio 1500
Flow Tubing Press.	Casing Pressure -	Calculated 24-Hour Rate	Oil - Bbl. 160	Gas - MCF 240	Water - Bbl. 85	Oil Gravity - API (Corr.) 44.6	

Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By
Cecil Brewer

List of Attachments

Deviation Tests Logs

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Brenda Coffman

TITLE Agent

DATE 7-20-83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2612'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3734'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5523'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6934'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9050'	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet. _____
No. 2, from _____ to _____	feet. _____
No. 3, from _____ to _____	feet. _____
No. 4, from _____ to _____	feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	399	399	Red bed				
399	1912	1513	Redbed & Anhydrite				
1912	2812	900	Anhydrite & Salt				
2812	3733	921	Anhydrite & Lime				
3733	3890	247	Lime				
3890	4100	120	Lime				
4100	7100	3000	Lime				
7100	9990	2890	Lime & Shale				

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JUL 21 1983
H.C. [unclear]

WELL NAME AND NUMBER 602 - Samantha "7" #3

LOCATION 1980 FSL, 660 FEL, Section 7, T14S, R33E, Lea County
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Maralo, Inc.

DRILLING CONTRACTOR MORANCO Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/2 357</u>	<u>3/4 5102</u>		
<u>1/2 399</u>	<u>3/4 5627</u>		
<u>3/4 900</u>	<u>3/4 6122</u>		
<u>1 1400</u>	<u>1 6630</u>		
<u>1 1950</u>	<u>1/2 7084</u>		
<u>1 2349</u>	<u>1/2 7609</u>		
<u>1/2 2510</u>	<u>1 1/4 8104</u>		
<u>1/2 3201</u>	<u>1 1/2 8601</u>		
<u>1/2 3338</u>	<u>2 3/4 9159</u>		
<u>3/4 3733</u>	<u>1 1/2 9467</u>		
<u>3/4 4100</u>	<u>1 1/2 9990</u>		
<u>3/4 4601</u>			

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
Wiley Gilmore-Marketing Manager

Subscribed and sworn to before me this 17th day of June 1983

My Commission expires:

11-8-86

Mary A Crow
Notary Public Mary A. Crow
Lea County, New Mexico

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JUL 21 1983
Harris Office