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Form C-105
Revised 11-1-82

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.

TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐
DRY ☒	OTHER ☐
TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name Samantha "7" State
9. Well No. 2
10. Field and Pool, or Wildcat Baum-Upper Pennsylvania

Name of Operator Maralo, Inc.
Address of Operator P. O. Box 832, Midland, Texas 79702 0832
Location of Well

T. LETTER <u>K</u>	LOCATED <u>1980</u>	FEET FROM THE <u>South</u>	LINE AND <u>1914</u>	FEET FROM
West	LINE OF SEC. <u>7</u>	TWP. <u>14-S</u>	RGE. <u>33-E</u>	NMPM

12. County Lea

Date Spudded 2-3-82	16. Date T.D. Reached 3-5-82	17. Date Compl. (Ready to Prod.) 4-14-82	18. Elevations (DF, RAB, RT, GR, etc.) 4260 GR	19. Elev. Casinghead -
Total Depth 10,100	21. Plug Back T.D. 9940'	22. If Multiple Compl., How Many -	23. Intervals Drilled By Rotary Tools 0-10,100	Cable Tools

Producing Interval(s), of this completion - Top, bottom, Name 9920' - 9930 Bough B	25. Was Directional Survey Made Yes
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Type Electric and Other Logs Run Dual Spaced Neutron & GR	27. Was Well Cored No
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CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	406'	17"	400 sx Cl. "C" cmt. + 2% CaCl ₂ .	-
8 5/8"	24# & 32#	4075'	11"	2050 sx Howco Lite + 200 sx Cl. "C"	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	9932	9838

Perforation Record (Interval, size and number) 9902 - 9906 (5 holes) 9918' - 9932' (15 holes) 9944 - 9948' (5 holes) 10,022' - 10,032 9920' - 9930	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	9902 - 9948 3000 gal 15% NEA + 40 balls " " 100 sx Class "H" cement-Squeezed 10,022 - 10,032 100 sx Class "H" cement-Squeezed 9,920 - 9,930 500 gal 15% HCl Acid

PRODUCTION							
First Production -	Production Method (Flowing, gas lift, pumping - Size and type pump) -					Well Status (Prod. or Shut-in) Temporarily Abandoned	
Time of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Well Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed by	

List of Attachments
Deviation Record - 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 <u>Brenda Caffrey</u>	TITLE <u>Agent</u>	DATE <u>8-9-82</u>
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than . . . 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" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	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 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	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	411	411'	Redbed				
411	1219	808	Anhydrite				
1219	2323	1104	Redbed & Anhydrite				
2323	3620	1297	Anhydrite				
3620	3972	352	Anhydrite & lime				
3972	4075	103	Dolomite				
4075	7262	3187	Lime				
7262	7722	460	lime & dolomite				
7722	8182	460	Dolomite & shale				
8182	9600	1418	Dolomite & lime				
9600	10100	500	Shale & lime				

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D.C.D.
PROCESS OFFICE

Samantha #2
Baum-Upper Pennsylvania

Casing Record Continued:

5 1/2" casing 17# Set @ 10,100 7 7/8" Hole Size 450 sx Class "H" cmt w/5# salt/sk.
1000 sx Howco Lite cmt. w/1/4# Flocele &
5# salt/sk. + 150 sx Class "H" cmt w/5#
salt per sack.

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AUG 12 1982

O.C.D.
HOBBS OFFICE

WELL NAME AND NUMBER Fig #4 Samantha State 7-2

LOCATION 1914' FWL 1980' FSL Section 7 T-14-S, R-33-E Lea County New Mexico
(Give Unit, Section, Township and Range)

OPERATOR Maralo, Inc.

DRILLING CONTRACTOR McVay Drilling Company

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 @ Depth</u>		<u>Degrees @ Depth</u>		<u>Degrees @ Depth</u>
<u>1/4</u>	<u>200</u>	<u>1/2</u>	<u>6,715</u>	<u> </u>
<u>1</u>	<u>411</u>	<u>1/2</u>	<u>7,211</u>	<u> </u>
<u>3/4</u>	<u>814</u>	<u>3/4</u>	<u>7,711</u>	<u> </u>
<u>1/2</u>	<u>1,359</u>	<u>1-1/4</u>	<u>8,210</u>	<u> </u>
<u>1/4</u>	<u>1,840</u>	<u>1</u>	<u>8,735</u>	<u> </u>
<u>1/4</u>	<u>2,358</u>	<u>1</u>	<u>9,235</u>	<u> </u>
<u>1/4</u>	<u>2,850</u>	<u>1-1/4</u>	<u>9,715</u>	<u> </u>
<u>1/4</u>	<u>3,246</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/4</u>	<u>3,955</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/4</u>	<u>4,075</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/4</u>	<u>4,589</u>	<u> </u>	<u> </u>	<u> </u>
<u>1</u>	<u>5,090</u>	<u> </u>	<u> </u>	<u> </u>
<u>3/4</u>	<u>5,589</u>	<u> </u>	<u> </u>	<u> </u>
<u>1</u>	<u>6,086</u>	<u> </u>	<u> </u>	<u> </u>
<u>3/4</u>	<u>6,582</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 12th day of March, 1980

[Signature]
Notary Public

My Commision Expires: March 1981 County New Mexico

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