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

Form C-105
Revised 11-8-8

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG-1341	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☒ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐	PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Diamond
9. Well No.
1

2. Name of Operator	
MORRIS R. ANTWEIL	
3. Address of Operator	
P. O. Box 2010, Hobbs, NM 8240	

10. Field and Pool, or Wildcat
Undesignated

4. Location of Well	
UNIT LETTER <u>E</u>	LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM

THE <u>West</u> LINE OF SEC. <u>20</u> TWP. <u>21S</u> RGE. <u>35E</u> NMPM	12. County
	LEA

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3/9/83	3/17/83	4/18/83	3631' GR	3631'
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
3880'	3730'	--	0-3880	Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
3671'-3702' (Yates)	No

26. Type Electric and Other Logs Run	27. Was Well Cored
DLLO, CNL-FDC-GR	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	355'	12-1/4"	250 sx Circ	None
5-1/2"	15.5 & 17#	3880'	7-7/8"	1st Stage 125 sx	None
				DV @ 1850'; 2nd Stage	
				400 sx Circ	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-3/8"	3610'	None

31. Perforation Record (Interval, size and number)		3755, 3756, 3773, 3774, ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3777, 3781, 3782, 3800, 3801 1/2, 3813, 3816, 3817, 3823 & 3824' (14 holes).	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
3671, 3674, 3675, 3678 1/2, 3679 1/2, 3680 1/2, 3692, 3694, 3695, 3698, 3699, 3701 & 3702' (13 holes)	3755-3824	3000 gals 10% acetic acid, squeezed w/150 sx.	
	3671-3702	2500 gals 10% acetic acid, 40000 gals 75 quality	

33. PRODUCTION		Methonal foam; 36000# 20/100	
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	&16000#	12/200 gals. or Shut-in
4/18/83	Flowing		Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/20/83	24	16/64		--	261	--	--
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
200	--		--	261	--	--	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	Parsons

35. List of Attachments
Logs, Deviation Summary

36. 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>Sam Hill</u>	TITLE <u>Agent</u>	DATE <u>April 25, 1983</u>
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This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs run in 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 an obliquely drilled wells, true vertical depths shall also be reported. For multiple completions, Items 20 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 1195.)

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1796 (+1842)</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1923 (+1719)</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>3385 (+ 257)</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3595 (+ 47)</u>	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 Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	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	1796	1796	Red Beds				
1796	1923	127	Andydrite				
1923	3385	1462	Salt				
3385	3595	210	Red Shale, salt, anhydrite				
3595	3880	285	Red Shale, sand, salt, & anhydrite				

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HOBBS OFFICE

Lea County, New Mexico

ANTWEIL OIL COMPANY

MARC DRILLING INC.

where α and β are arbitrary constants and γ is an arbitrary function of η . Substituting (10) into (1) and (2) and multiplying the first equation by η and the second by η^2 and obtaining the following condition:

Leaves and Petioles		Stems and Branches		Flowers and Fruits		Seeds	
$\frac{1}{2}$	355						
$\frac{1}{2}$	988						
$\frac{1}{2}$	1418						
1	2024						
$\frac{3}{4}$	2463						
2	3061						
$2 \frac{3}{4}$	3420						
$2 \frac{3}{4}$	3500						
3	3624						
3	3880						

TRAINING CONTRACTED BY MARC DRILLING INC.

Clay Burkhardt, President

Admitted and sworn to before me this _____ day of _____, 19____.

my comm. expires

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