

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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

6a. Indicate Type of Lease
State ☒ Federal
5. State Oil & Gas Lease No.
LC-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

2. Name of Operator

MORRIS R. ANTWEIL

9. Well No.

1

3. Address of Operator

P. O. Box 2010, Hobbs, NM 8240

10. Field and Pool, or Wildcat

Undesignated

4. Location of Well

UNIT LETTER **E** LOCATED **1980** FEET FROM THE **North** LINE AND **660** FEET FROM

11. County

LEA

THE **West** LINE OF SEC. **20** TWP. **21S** RGE. **35E** NMPN

15. Date Spudded **3/9/83** 16. Date T.D. Reached **3/17/83** 17. Date Compl. (Ready to Prod.) **4/18/83** 18. Elevations (DF, RKB, RT, GR, etc.) **3631' GR**

19. Elev. Casinghead

3631'

20. Total Depth **3880'** 21. Plug Back T.D. **3730'** 22. If Multiple Compl., How Many **--** 23. Intervals Drilled By Rotary Tools **0-3880** Cable Tools **--**

24. Producing interval(s), of this completion — Top, Bottom, Name

3671'-3702' (Yates)

25. Was Directional Made

No

26. Type Electric and Other Logs Run

DLLO, CNL-FDC-GR

27. Was Well Cored

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
None					2-3/8"	3610'
						PACKER SET
						None

31. Perforation Record (Interval, size and number)	3755, 3756, 3773, 3774, ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
3777, 3781, 3782, 3800, 3801½, 3813, 3816, 3817, 3823 & 3824' (14 holes)	DEPTH INTERVAL
3671, 3674, 3675, 3678½, 3679½, 3680½, 3692, 3694, 3695, 3698, 3699, 3701 & 3702' (13 holes)	AMOUNT AND KIND MATERIAL USED
	3755-3824 3000 gals 10% acetic ac squeezed w/150 sx.
	3671-3702 2500 gals 10% acetic ac 40000 gals 75 quality Methonal foam; 36000# 2

33. PRODUCTION

Date First Production **4/18/83** Production Method (Flowing, gas lift, pumping — Size and type pump) **Flowing** & 16000# 12/20/83 Shut.

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

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

Vented

Test Witnessed By **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 *Jimmy Hillard* TITLE Agent DATE **April 25, 1983**

NORTH SAN SIMON YATES
Statistics

	<u>Oil</u> <u>Production</u>	Gas Oil <u>Production</u>	<u>Cumulative</u> <u>Oil</u>
1-1-73			330,512 bbls
1973	10,251 bbls	156,971 MCF	340,763
1974	6,204	66,210	346,967
1975	6,833	134,541	353,800
1976	7,246	107,368	361,046
1977	7,853	90,854	368,899
1978	5,958	52,168	374,857
1979	6,434	42,587	381,291
1980	7,958	50,484	389,249
1981	8,204	80,332	397,453
1982	15,889	143,160	413,342

July 1983 - 23 producing wells
1034 BOPM + 13,029 MCF GOR 12,600 CF/bbl.

Individual well GOR's range as high as 400,000 CF/bbl.

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION

Antweil EXHIBIT NO. 4

CASE NO. 7976

Submitted by Williams

Hearing Date 12 Oct 83