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LAND OFFICE	
OPERATOR	

Form C-105  
Revised 11-1-84

# 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

Warren 3

9. Well No.

1

10. Field and Pool, or Wildcat Und.  
Pitchfork Ranch Morrow

11. County

Lea

1a. TYPE OF WELL

b. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER

2. Name of Operator

HNG OIL COMPANY

3. Address of Operator

P. O. Box 2267, Midland, Texas 79702

4. Location of Well

UNIT LETTER 0 LOCATED 660 FEET FROM THE south LINE AND 1980 FEET FROM

THE east LINE OF SEC. 3 TWP. 25S RGE. 34E NMPM

15. Date Spudded

7-8-84

16. Date T.D. Reached

9-26-84

17. Date Compl. (Ready to Prod.)

10-11-84

18. Elevations (DF, RKB, RT, GR, etc.)

3346.4' GR

19. Elev. Casinghead

3346.4'

20. Total Depth

15,420'

21. Plug Back T.D.

15,355'

22. If Multiple Compl., How Many

23. Intervals Drilled By

X

Cable Tools

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

15233 - 15291 (Morrow)

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Comp. Neutron Form. Density, BHC Sonic, Comp. Dual Ind/SFL w/Dual Laterolog

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 FULLED
13-3/8"	54.5#	620'	17-1/2"	265 HLC & 250 C1 C	Circulated
9-5/8"	36 8 40#	5190'	12-1/4"	2000 HLC & 475 C1 C	Circulated
7"	26#	13256	8-3/4"	800 TLW & 400 C1 H	-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
3-1/2"	14400'	15418'	105 C1 H	-	2-7/8"	14400	MWL SA 14400
5-1/2"	12831'	14830'	230 C1 H				

31. Perforation Record (Interval, size and number)

15233 - 15238 (10 .34")

15286 - 15291 (10 .34")

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
15233-15291	3500 7-1/2% MS acid

33. PRODUCTION

Date First Production 10/10/84		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut-in	
Date of Test 10/11/84	Hours Tested 24	Choke Size 14/64"	Prod'n. Per Test Period →	Oil - Bbl. 0	Gas - MCF 3500	Water - Bbl. trace	Gas - Oil Ratio 0
Flow Tubing Press. 6700#	Casing Pressure Sealed	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

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

Vented

Test Witnessed By

35. List of Attachments

Logs, Inclination Report

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 Betty Gildon Betty Gildon

TITLE Regulatory Analyst

DATE 10/12/84

M

## 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	
Rustler _____	910	Cherry _____	6312
T. Anhy _____	Base CC Mrkr 6555	T. Canyon _____	13768
T. San _____	B/Reef 14096	T. Strawn _____	13883
T. Yates _____		T. Atoka _____	14434
T. 7 Rivers _____		T. Morrow lm _____	14642
T. Queen _____		T. Morrow Clastics _____	14753
T. Grayburg _____		T. Warren (Como) Sd _____	14910
T. San Andres _____		T. Sinatra Sd _____	14994
T. Glorieta _____		T. B Sand Zone _____	15151
T. Paddock _____		T. Lower Morrow Sh _____	15220
T. Blinbry _____		T. "C" Zone _____	5312
T. Tubb _____		T. Gr. Wash _____	9268
T. Drinkard _____		T. Granite _____	10288
T. Leonard _____	9098	T. Delaware Sand _____	10850
T. Wolfcamp _____	12324	T. Bone Springs _____	12018
T. Penn. _____		T. 1st BS Sd _____	
T. Cisco (Bough C) _____		T. 2nd BS Sd _____	
		T. 3rd BS Sd _____	
		T. Ojo Alamo _____	
		T. Kirtland-Fruitland _____	
		T. Pictured Cliffs _____	
		T. Cliff House _____	
		T. Menefee _____	
		T. Point Lookout _____	
		T. Mancos _____	
		T. Gallup _____	
		T. Base Greenhorn _____	
		T. Dakota _____	
		T. Morrison _____	
		T. Todilto _____	
		T. Entrada _____	
		T. Wingate _____	
		T. Chinle _____	
		T. Pennian _____	
		T. Penn. "A" _____	
		T. Penn. "B" _____	
		T. Penn. "C" _____	
		T. Penn. "D" _____	
		T. Leadville _____	
		T. Madison _____	
		T. Elbert _____	
		T. McCracken _____	
		T. Ignacio Qtzite _____	
		T. Granite _____	

OIL OR GAS SANDS OR ZONES

No. 1, from Morrow 15233 to 15291

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, 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 None 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	620	620	Redbeds				
620	2740	2120	Anhy				
2740	3606	866	Salt				
3606	4250	644	Anhy				
4250	4820	570	Lime, Anhy				
4820	5190	370	Salt				
5190	5550	360	Anhy, Lime				
5550	13590	8040	Sand, SHale, Lime				
13590	13885	295	SHale				
13885	14003	118	SHale, Lime, Chert				
14003	14296	293	Shale, sand, Lime				
14296	14764	468	Sand, Lime, Shale, Chert				
14764	15320	556	Lime, Sand Shale				
15320	15420	100	100% Shale				

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