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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.
LG-4235

10. 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 SM-36 State

2. Name of Operator
HNG OIL COMPANY
3. Address of Operator
P. O. Box 2267, Midland, Texas 79702
4. Location of Well

9. Well No.
1
10. Field and Pool, or Wildcat
Pitchfork Ranch/Morrow/

UNIT LETTER I LOCATED 1980 FEET FROM THE south LINE AND 660 FEET FROM
THE east LINE OF SEC. 36 TWP. 24S RGE. 33E NMPM

11. County
Lea

15. Date Spudded
1-2-85
16. Date T.D. Reached
3-17-85
17. Date Compl. (Ready to Prod.)
3-26-85
18. Elevations (DF, RAB, RT, GR, etc.)
3479.2' GR

19. Elev. Casinghead
3479.2'

20. Total Depth
15,410'
21. Plug Back T.D.
15,361'
22. If Multiple Compl., How Many
23. Intervals Drilled By
Rotary Tools
Cable Tools

XX

24. Producing Interval(s), of this completion - Top, Bottom, Name
15,217' - 15,298'

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Comp. Dual Laterolog w/Dual Ind., BHC Sonic, Comp. Neutron-Litho Density

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 & 61	620'	17-1/2"	265 HL & 250 C1 C	Circulated
9-5/8"	36 & 40	5100'	12-1/4"	2000 HL & 475 C1 C	Circulated
7-5/8"	39	13272'	8-3/4"	550 TLW & 275 C1 H	-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
5-1/2"	12763	14970	365 C1 H	-
3-1/2"	14386	15410	100 C1 H	-

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	14386	PBR 14386

31. Perforation Record (Interval, size and number)
15,217' - 15,298' (.34" - 24)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
15217-15298	3500 gal 7-1/2% MS acid

33. PRODUCTION

Date First Production 3/29/85	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Shut-in
Date of Test 4/2/85	Hours Tested 24	Choke Size 10/64"
Flow Tubing Press. 2650	Casing Pressure sealed	Calculated 24-Hour Rate
	Oil - Bbl. 0	Gas - MCF 1600
	Water - Bbl. 12	Gas - Oil Ratio 0
	Oil - Bbl. 0	Gas - MCF 1600
	Water - Bbl. 12	Oil Gravity - API (Corr.) -

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

Test Witnessed By

35. List of Attachments
Logs, and C-104 (Inclination report will follow)

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 4/3/85

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

T. Anhy _____ T. Cherry Mrkr. 6501
 T. Salt _____ T. Strawn 13,846
 B. Salt _____ T. Atoka 14,022
 T. Yates _____ T. Morrow Lime 14,404
 T. 7 Rivers _____ T. Morrow Clastics 14663
 T. Queen _____ T. Morrow "A" Sd 14,674
 T. Grayburg _____ T. Sinatra Sand 14,892
 T. Bone Springs LM 9265 T. Morrow "B" Sd 14,992
 T. 1st Bone Sp. Sd 10100 T. Morrow Shale 15154
 T. 3rd Bone Sp. Sd 11892 T. Morrow "C" 15,206
 T. Blinberry _____ T. Gr. Wash _____
 T. Tubb _____ T. Granite _____
 T. Drinkard _____ T. Delaware Sand 5212
 T. Abo _____ T. Bone Springs _____
 T. Wolfcamp Lime 12,311 T. Rustler 1197
 T. Penn. _____ T. Leonard Shale 9072
 T. Cisco (Bough C) _____
 Cherry Canyon 6256

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
 T. Kirtland-Fruitland _____ T. Penn. "C" _____
 T. Pictured Cliffs _____ T. Penn. "D" _____
 T. Cliff House _____ T. Leadville _____
 T. Menefee _____ T. Madison _____
 T. Point Lookout _____ T. Elbert _____
 T. Mancos _____ T. McCracken _____
 T. Gallup _____ T. Ignacio Qtzite _____
 Base Greenhorn _____ T. Granite _____
 T. Dakota _____ T. _____
 T. Morrison _____ T. _____
 T. Todilto _____ T. _____
 T. Entrada _____ T. _____
 T. Wingate _____ T. _____
 T. Chinle _____ T. _____
 T. Permian _____ T. _____
 T. Penn. "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from Morrow 15,217 to 15,298
 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	1550	1550	Redbeds & Anhy				
1550	5550	4000	Salt & Anhy				
5550	9340	3790	Sand, Lime, Shale				
9340	9715	375	100% Lime				
9715	13242	3527	Lime, Shale, Sand				
13242	13517	275	100% Shale				
13517	13793	276	Lime, Sand, Shale, Chert				
13793	13919	125	Lime, Shale, Chert				
13919	14358	439	Lime, Shale				
14358	15063	705	Lime, Shale, Chert, Cand				
15063	15327	264	Shale, Sand, Lime				
15327	15410	83	100% Shale				

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APR - 5 1985

M. J. G. G. G.