

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-8

5a. Indicate Type of Lease
State ☐ Fee ☒

5b. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Dillon 31

9. Well No.

1

10. Field and Pool, or Wildcat

Pitchfork Ranch /Morrow

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ 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 I LOCATED 2080 FEET FROM THE south LINE AND 660 FEET FROM east LINE OF SEC. 31 TWP. 24S RGE. 34E NMPM

12. County

Lea

15. Date Spudded 3-29-84	16. Date T.D. Reached 6-24-84	17. Date Compl. (Ready to Prod.) 7-2-84	18. Elevations (DF, RKB, RT, GR, etc.) 3442.2' GR	19. Elev. Casinghead 3442.2'
-----------------------------	----------------------------------	--	--	---------------------------------

20. Total Depth 15, 275	21. Plug Back T.D. 15,206	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools ☒ Cable Tools _____
----------------------------	------------------------------	----------------------------------	--

24. Producing Interval(s), of this completion - Top, Bottom, Name
15087 - 15138 (Morrow)

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Comp. Neutron-Formation Density, Dual Induction

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"	61#	600'	17-1/2"	300 Lite & 300 C1 C	Circulated
9-5/8"	36# & 40#	5164'	12-1/4"	2000 Lite & 475 C1 C	Circulated
7"	26#	13214'	8-3/4"	1050 Lite & 450 C1 H	-

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	12860'	15275'	375 C1 H	-	2-7/8"	12739'	PBR 12739'

31. Perforation Record (Interval, size and number)
15,087 - 15,139 (.32" 20)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
15087 - 15139	Spot acid at 7600 psi at 3.3 PBM
	Ave 7000 psi @ 3.4 PBM ISIP 6100
	psi.

33. PRODUCTION

Date First Production 7-1-84	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Shut-in
Date of Test 7-1-84	Hours Tested 5-1/2	Choke Size 9/64"
Flow Tubing Press. 6100	Casing Pressure Sealed	Calculated 24-Hour Rate 12
Oil - bbl. 4350	Gas - MCF 0	Water - Bbl. 0
Gas - Oil Ratio 363	Oil Gravity - API (Corr.) 49.0	

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

Test Witnessed By

35. List of Attachments
Logs, C-104

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 7/23/84

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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 6 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 11-5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	Cherry 6502	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	13866	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. 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. Morrow Lime 14234		T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Morrow Clastics 14492		T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____		T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____		Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____		T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____		T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____		T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand 5252		T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs 9228		T. Wingate _____	T. _____
T. Wolfcamp 12218	T. Rustler 1152'		T. Chinle _____	T. _____
T. Penn. _____	T. Leonard 9070'		T. Pennian _____	T. _____
T. Cisco (Bough C) _____	T. _____		T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from Morrow 15,087 to 15,138

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	1428	1428	Redbeds, Anhy				
1428	5074	3646	Anhy, Salt				
5074	5500	426	Anhy, Lime				
5500	9610	4110	Shale, Sand, Lime				
9610	11994	2384	Shale, Lime				
11994	13194	1200	Lime, Sand, Shale				
13194	13626	432	100% Shale				
13626	13870	244	Shale, Lime, Chert				
13870	14678	808	Lime, Shale, Sand				
14678	14700	22	Lime, Chert				
14700	15275	575	Shale, Lime, Sand				