

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 11-84

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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

Page 3 Com.

9. Well No.

1

10. Field and Pool, or Wildcat

Pitchfork Ranch Morrow

2. Name of Operator

HNG OIL COMPANY

3. Address of Operator

P. O. Box 2267, Midland, Texas 79702

4. Location of Well

UNIT LETTER F LOCATED 1780 FEET FROM THE north LINE AND 2080 FEET FROM

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

11. County

Lea

15. Date Spudded

6-19-85

16. Date T.D. Reached

8-14-85

17. Date Compl. (Ready to Prod.)

8-27-85

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

3362.4' GR

19. Elev. Casinghead

3362.4

20. Total Depth

15,300

21. Plug Back T.D.

14,930

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools ☒ Cable Tools ☐

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

14782 - 14799 (Sinatra)

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-Neutron, Dual Laterolog, 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 PULLED
13-3/8	54.5#	620	17-1/2	265 HLC & 250 C1 C	Circulated
9-5/8	36# & 40#	5170	12-1/4	2000 HLC, 400 C1 C & 800 C1 H	Circulated
7	26#	13250	8-3/4	850 TLW & 350 C1 H	-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2	12883	15300	-325 C1 H	-

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	12924	12924 PBR

31. Perforation Record (Interval, size and number)

15097 - 15180 (.32" 20)

14782 - 14799 (.32" 18)

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

DEPTH INTERVAL

15097 - 15180

sq. w/50 sx. C1 H-Tested to

8000 psi.

14782 - 14799

None

33. PRODUCTION

Date First Production

8-27-85

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Shut-in

Date of Test

8-27-85

Hours Tested

24

Choke Size

12/64"

Prod'n. Per Test Period

5

Oil - Bbl.

7400

Gas - MCF

0

Water - Bbl.

1480

Gas - Oil Ratio

39.0

Flow Tubing Press.

7700

Casing Pressure

Sealed

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API (Corr.)

39.0

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

Vented

Test Witnessed By

35. List of Attachments

Logs, C-104, 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 9/10/85

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. A log of this 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

T. Anhy	T. Cherry Mrkr	6550	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn Lime	13640	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka Shale	13774	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Atoka Bank	13990	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. Morrow Lime	T. Gr. Wash		T. Morrison	
T. Morrow Clastics	T. Leonard	9109	T. Todilto	
T. B. Sand	T. Granite	5300	T. Entrada	
T. C. Sand	T. Delaware Sand	5300	T. Wingate	
T. Abo	T. Bone Springs Lime	9248	T. Chinle	
T. Wolfcamp	T. 1st BS Sand	10250	T. Permian	
T. Penn.	T. 2nd BS Sand	10791	T. Penn. "A"	
T. Cherry Canyon	T. 3rd BS Sand	11908		
T. Cato (Dough Ey)				

No. 1, from 15097 to 15180 OIL OR GAS SANDS OR ZONES

No. 2, from 14782 to 14799

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 and Anhy				
620	2145	1525	Anhy				
2145	3975	1830	Salt & Anhy				
3975	5860	1885	Anhy				
5860	6905	1045	Sand & Shale & Lime				
6905	11600	4695	Sand, Shale & Lime				
11600	13554	6649	Shale & Lime				
13554	13834	280	Shale, Lime, Sand & Cht				
13834	14590	756	Shale & Lime				
14590	14708	118	Chert, Lime & Shale				
14708	15242	534	Lime, Shale & Sand				
15242	15300	58	Shale				

RECEIVED
SEP 19 1985
O.C.B.
HOBBS OFFICE