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Form C-105  
Revised 11-1-78

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-359	

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. Form or Lease Name	
Madera 32 State	
9. Well No.	
2	
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 J LOCATED 1650 FEET FROM THE south LINE AND 1980 FEET FROM  
 THE east LINE OF SEC. 32 TWP. 24S RGE. 34E NMPM \_\_\_\_\_

11. County	
Lea	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
10-5-83	1-9-84	1-27-84	3431.5' GR	3431.5'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
15,160'	15,080'			X	

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
15,020 - 15,026 (Morrow)	No

26. Type Electric and Other Logs Run	27. Was Well Cored
Comp. of Dual Laterolog & Dual Ind.-SFL, Comp. Neut. Litho Dens.	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 & 48	600'	17-1/2	265 Pacesetter Lite & 250 Class C	Circulated
9-5/8"	36 & 40	5219'	12-1/4	2000 Pacesetter lite and 475 Class C	Circulated
*					

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5-1/2"	11,189'	14,338'	300 Cl H	-	2-7/8"	14033'	14033'
3-1/2"	13,998'	15,148'	200 Cl H	-			

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	15,020-15026	None

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
1-27-84		Flowing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prodn. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-28-84	24	13/64"		0	4400	0	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
5650	Sealed					0	

34. Disposition of Gas (Solid, used for fuel, vented, etc.)	Test Witnessed By
Vented	

35. List of Attachments  
Logs

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 Betsy Giddon TITLE Regulatory Analyst DATE 2/22/84

\* 7" 26# set at 13,350', hole size 8-3/4", cemented with 800 Pacesetter lite and 400 Sx. Cl. H.

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical logs and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by this. In the case of horizontally drilled wells, true vertical depths shall also be reported. For multiple completions, Zones 1 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 1155.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

- |                                    |  |                                 |                                |
|------------------------------------|--|---------------------------------|--------------------------------|
| T. Anhy _____                      | T. <u>Cherry</u> <u>6269</u>           | T. Ojo Alamo _____              | T. Penn. "B" _____             |
| T. Salt _____                      | T. <u>Strawn</u> <u>13600</u>          | T. Kirtland-Fruitland _____     | T. Penn. "C" _____             |
| B. Salt _____                      | T. <u>Atoka</u> _____                  | T. <u>Pictured Cliffs</u> _____ | T. Penn. "D" _____             |
| T. Yates _____                     | T. <u>Miss</u> _____                   | T. <u>Cliff House</u> _____     | T. <u>Leadville</u> _____      |
| T. 7 Rivers _____                  | T. <u>Devonian</u> _____               | T. <u>Menefee</u> _____         | T. <u>Madison</u> _____        |
| T. <u>Queen</u> _____              | T. <u>Silurian</u> _____               | T. <u>Point Lookout</u> _____   | T. <u>Elbert</u> _____         |
| T. <u>Grayburg</u> _____           | T. <u>Montoya</u> _____                | T. <u>Mancos</u> _____          | T. <u>McCracken</u> _____      |
| T. <u>San Andres</u> _____         | T. <u>Simpson</u> _____                | T. <u>Gallup</u> _____          | T. <u>Ignacio Qtzite</u> _____ |
| T. <u>Glorieta</u> _____           | T. <u>McKee</u> _____                  | <u>Base Greenhorn</u> _____     | T. <u>Granite</u> _____        |
| T. <u>Paddock</u> _____            | T. <u>Ellenburger</u> _____            | T. <u>Dakota</u> _____          | T. _____                       |
| T. <u>Blinebry</u> _____           | T. <u>Gr. Wash</u> _____               | T. <u>Morrison</u> _____        | T. _____                       |
| T. <u>Tubb</u> _____               | T. <u>Granite</u> _____                | T. <u>Todilto</u> _____         | T. _____                       |
| T. <u>Drinkard</u> _____           | T. <u>Delaware Sand</u> <u>5297</u>    | T. <u>Entrada</u> _____         | T. _____                       |
| T. <u>Abo</u> _____                | T. <u>Bone Springs</u> <u>9242</u>     | T. <u>Wingate</u> _____         | T. _____                       |
| T. <u>Wolfcamp</u> <u>12274</u>    | T. <u>Morrow Lime</u> <u>14138</u>     | T. <u>Chinle</u> _____          | T. _____                       |
| T. <u>Penn. Atoka</u> <u>13754</u> | T. <u>Morrow Clastics</u> <u>14391</u> | T. <u>Pennian</u> _____         | T. _____                       |
| T. <u>Cisco (Bough C)</u> _____    | T. <u>C. Canyon Mrkr.</u> <u>6511</u>  | T. <u>Penn. "A"</u> _____       | T. _____                       |

OIL OR GAS SANDS OR ZONES

- No. 1, from Morrow 15020 to 15026 No. 4, from \_\_\_\_\_ to \_\_\_\_\_
- No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_
- No. 3, 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	640	640	Anhy, Redbeds				
640	3715	3075	Anhy, Salt				
3715	6329	2614	100% Anhy				
6329	9945	3616	Sand, Shale, Lime				
9945	12189	3244	Shale, Lime Chert, Sand				
13189	13390	201	100% Shale				
13390	13762	372	Suale, Lime, Chert				
13762	14217	455	Shale, Sand, Lime				
14217	14836	619	Lime, Suale, Chert, Sand				
14836	14947	111	100% Shale				
14947	15160	213	Shale, Lime Sand				

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