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Form C-105
Revised 11-1-83

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
JUL 13 1983

O. C. D.
ARTERIA, OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. LG-23
7. Unit Agreement Name
8. Form or Lease Name Loving 1 State
9. Well No. 2
10. Field and Pool, or Wildcat Black River Morrow
11. County Eddy

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 N LOCATED 990 FEET FROM THE south LINE AND 2110 FEET FROM west LINE OF SEC. 1 TWP. 24S RGE. 27E NMPM	

15. Date Spudded 3-17-83	16. Date T.D. Reached 4-25-83	17. Date Compl. (Ready to Prod.) 6-3-83	18. Elevations (DF, RAB, RT, GR, etc.) 3128' GR	19. Elev. Casinghead 3128'
20. Total Depth 12,840'	21. Plug Back T.D. 12,541'	22. If Multiple Compl., How Many	23. Intervals Drilled By X	Rotary Tools X

24. Producing Interval(s), of this completion - Top, Bottom, Name 12,316' - 12,430' (Morrow)	25. Was Directional Survey Made No
26. Type Electric and Other Logs Run Electromagnetic Propagation, LDT/CNL, EPT, Compensated Neutron Litho Density, 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 PULLED
13-3/8"	48#	556'	17-1/2"	250 HLC & 250 C1 H	Circ.
9-5/8"	36#	2255'	12-1/4"	900 HLC & 45 C1 C	Circ.
7"	23#	10562'	8-1/2"	850 HLC & 525 C1 H	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	10228	12840	425 C1 H	-	2-3/8"	10,229'	ISA 10,229

31. Perforation Record (Interval, size and number) 12,655-12,662 (.40" 16") 12,316-12,430 (.29" 25") 12,031-12,039 (.29" 25")	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 12655-12662 12316-12430 AMOUNT AND KIND MATERIAL USED Sq.w/40 sx. C1 H tested to 5000# 12,000 gal pad, 9000 gal MS frac, 6000 gal frac fluid, 45,000 gal apollo 50 gel, 64,800 20-40
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33. PRODUCTION Date First Production 6-28-83		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut-in	
Date of Test 6-29-83	Hours Tested 24	Choke Size 7/64"	Prod'n. For Test Period 0	Oil - Bbl. 0	Gas - MCF 1125	Water - Bbl. 0	Gas - Oil Ratio -
Flow Tubing Press. 3250	Casing Pressure Sealed	Calculated 24-Hour Rate 0	Oil - Bbl. 0	Gas - MCF 0	Water - Bbl. 0	Oil Gravity - API (Corr.) -	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By Post ID-2 7-15-83 Gramp + BK
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35. List of Attachments Logs, Inclination Survey
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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	TITLE Regulatory Analyst	DATE 7/11/83

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 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 22 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 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. <u>Cherry Canyon</u> <u>3146</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. <u>Strawn</u> <u>11162</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. <u>Atoka</u> <u>11321</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. <u>Morrow Lime</u> <u>11932</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. <u>Morrow Clastics</u> <u>12146</u>	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 Qzite _____
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 <u>2320</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>5883</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>9190</u>	T. <u>Cherry Canyon Marker</u> <u>3328</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. <u>Brushy Canyon</u> <u>4358</u>	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>12,316</u> to <u>12,430</u>	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 <u>None</u> 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	606	606	Surface Rock				
606	1368	762	Anhy				
1368	2119	741	Anhy, Salt				
2119	3351	1232	Anhy				
3351	4385	1034	Shale, Sand, Lime				
4385	5554	1169	Dolomite, Shale, Sand				
5554	6080	526	Sand				
6080	8354	2274	Lime, Shale				
8354	11880	3526	Lime, Sand Shale				
11880	12300	420	Chert, Lime				
12300	12840	540	Lime, Sand, Shale				