

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 11-1-84

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

b. TYPE OF COMPLETION
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

2. Name of Operator
HNG OIL COMPANY

8. Farm or Lease Name

Chaparral 10

3. Address of Operator
P. O. Box 2267, Midland, Texas 79702

9. Well No.

1

4. Location of Well
UNIT LETTER B LOCATED 990 FEET FROM THE north LINE AND 1980 FEET FROM east LINE OF SEC. 10 TWP. 25S RGE. 34E

10. Field and Pool, or Wildcat
Pitchfork Ranch /Morrow

15. Date Spudded
2-9-85

16. Date T.D. Reached
4-9-85

17. Date Compl. (Ready to Prod.)
4-23-85

18. Elevations (DF, RAB, RT, GR, etc.)
3340.8' GR

19. Elev. Casinghead
3340.8'

20. Total Depth
15,440'

21. Plug Back T.D.
14,974'

22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary Tools ☒ Cable Tools ☐

24. Producing Interval(s), of this completion - Top, Bottom, Name
14,905' - 14,939' (Morrow)

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
BHC Sonic, Comp. Neut. Litho Dens., Composite of Dual Laterolog and Dual Ind.

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"	61#	624'	17-1/2"	265 HLC & 250 C1 C	Circulated
9-5/8"	36# & 40#	5200'	12-1/4"	2000 HLC & 475 C1 C	Circulated
7"	26#	13250'	8-3/4"	850 TLW & 350 C1 H	-

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4-1/2"	12,960'	15,440'	- 325 C1 H	-	2-7/8"	12,964'
						PACKER SET
						MWL SA 12,964'

31. Perforation Record (Interval, size and number)
14905-14939 (.34" 18)
15256-15308 (.34" 24)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
14905-14939	None
15256-15308	3500 gals 7-1/2% HCL Acid-Squeeze w/50 sacks Class H

33. PRODUCTION

Date First Production
4-23-85

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

Well Status (Prod. or Shut-in)
Shut-in

Date of Test
4-23-85

Hours Tested
24

Choke Size
9/64"

Prod'n. Per Test Period
Oil - Bbl. 0 Gas - MCF 2700 Water - Bbl. 0 Gas - Oil Ratio 0

Flow Tubing Press.
5600

Casing Pressure
950

Calculated 24-Hour Rate
Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

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

Test Witnessed By

35. List of Attachments
Logs, Inclination Survey and 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 5/10/85

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

Northwestern New Mexico

T. Rustler	935	T. Cherry Sd.	6310	T. Ojo Alamo	T. Penn. "B"
T. Anhy		T. Canyon		T. Kirtland-Fruitland	T. Penn. "C"
T. Salt		T. Strawn	13780	T. Pictured Cliffs	T. Penn. "D"
T. Salt		T. Atoka SH	13905	T. Cliff House	T. Leadville
T. Yates		T. Atoka Abigail MD	13918	T. Menefee	T. Madison
T. 7 Rivers		T. Devonian		T. Point Lookout	T. Elbert
T. Queen		T. Morrow Lime	14436	T. Mancos	T. McCracken
T. Grayburg		T. Morrow Clastic	14640	T. Gallup	T. Ignacio Qtzite
T. San Andres		T. "B" Sd Zone	15010	T. Base Greenhorn	T. Granite
T. Glorieta		T. Lower Morrow SH	15170	T. Dakota	
T. Paddock		T. Ellenburger		T. Morrison	
T. Blinberry		T. Gr. Wash		T. Todillo	
T. Tubb		T. Granite		T. Entrada	
T. Drinkard		T. Delaware Sand	5322	T. Wingate	
T. Abo		T. Bone Springs Lime	9268	T. Chinle	
T. Wolfcamp	Lime 12216	T. Base CC Mrk.	6553	T. Permian	
T. Lower Wic SH.	12864	T. 1st B.S. Sd.	10314	T. Penn. "A"	
T. Leonard Shale	9090	T. 2nd B.S. Sd.	10876		
T. Cisco (Bough C)		T. 3rd B.S. Sd.	12024		

No. 1, from (Morrow) 14905 to 14939 OIL OR GAS SANDS OR ZONES

No. 2, from _____ to _____ No. 4, from _____ to _____

No. 3, 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	5200	5200	Salt, Anhy				
5200	8197	2997	100% Sand				
8197	13809	5611	Lime, Sand, SHale				
13808	14943	1135	Chert, Sh, Lm, Sd				
14943	15440	497	Sand, Lime, Shale				

RECEIVED

MAY 17 1985

HOLDS OFFICE

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. District 1
1. FIELD NAME Pitchfork Ranch /Morrow/	2. LEASE NAME Chaparral 10	7. Lease Number. (Oil completions only)
3. OPERATOR HNG OIL COMPANY		8. Well Number 1
4. ADDRESS P. O. Box 2267, Midland, Texas 79702		9. Identification Number (Gas completions only) Fee
5. LOCATION Unit Letter B, 990' FNL & 1980' FEL, Sec. 10, T25S, R34E		10. County Lea, NM

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
159	159	1/2	.87	1.38	1.38
384	225	3/4	1.31	2.95	4.33
624	240	3/4	1.31	3.14	7.47
851	227	1/4	.44	1.00	8.47
1365	514	1/4	.44	2.26	10.73
1860	495	3/4	1.31	6.48	17.21
2440	580	3/4	1.31	7.60	24.81
2919	479	1-1/4	2.18	10.44	35.25
3152	233	1	1.75	4.08	39.33
3675	523	1-1/4	2.18	11.40	50.73
4170	495	1	1.75	8.66	59.39
4665	495	2	3.49	17.28	76.67
4759	94	3-1/4	5.67	5.33	82.00
4852	93	3-1/2	6.10	5.67	87.67
4943	91	3-1/2	6.10	5.55	93.22
5093	150	4	6.98	10.47	103.69

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 15440 feet = 494.04 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line 990 feet.
21. Minimum distance to lease line as prescribed by field rules 660 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION Signature of Authorized Representative <u>H. L. Jennings - Administrative Manager</u> Name of Person and Title (type or print) <u>PARKER DRILLING COMPANY</u> Name of Company Telephone: <u>915</u> <u>366-3658</u> Area Code	OPERATOR CERTIFICATION Signature of Authorized Representative <u>Betty Gildon, Regulatory Analyst</u> Name of Person and Title (type or print) <u>HNG OIL COMPANY</u> Operator Telephone: <u>915</u> <u>686-3714</u> Area Code
---	---



TONY B. WHITLEY
 Notary Public, State of Texas
 My Commission Expires June 27, 1988

Subscribed and Sworn Before me This 8th Day
 of May, 1985

 Notary Public

RECORD OF INCLINATION (Continued from reverse side)

[illegible]

If additional space is needed, attach separate sheet and check here. ☐

MARKS.

- INSTRUCTIONS -

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report).

The Commission may require the submittal of original charts, graphs, or discs, resulting in the surveys.