

N. M. OIL COMMISSION
P. O. BOX 30
HOBBS, NEW MEXICO 88240
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL. 1E*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 18640-A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR HNG OIL COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2267, Midland, Texas 79702		8. FARM OR LEASE NAME Half 5 Federal Com.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO. -		DATE ISSUED 7-6-83	
15. DATE SPUDDED 7-23-83		16. DATE T.D. REACHED 9-10-83	
17. DATE COMPL. (Ready to prod.) 9-16-83		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3400.7' GR	
19. ELEV. CASINGHEAD 3400.7'		20. TOTAL DEPTH, MD & TVD 15,350'	
21. PLUG, BACK T.D., MD & TVD 15,293'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 15,228 - 15,242 (Morrow)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Comp. Neutron-Litho Density and Comp. Dual Laterolog and Dual Induction		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48#	600'	17-1/2"
9-5/8"	36 & 40#	5193'	12-1/4"
7"	26#	13350'	8-3/4"
CEMENTING RECORD			
265 HLC & 250 C1 C			
1900 HLC & 475 C1 C			
800 HLW & 400 C1 H			
AMOUNT PULLED			
Circulated			
Circulated			
-			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2"	12,967'	15,350'	475 C1H
SCREEN (MD)			
-			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	12,998'	ISA 12,998'	
31. PERFORATION RECORD (Interval, size and number)			
15,228' - 15,242' (.34" 8)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
15228 - 15242		None	
33.* PRODUCTION			
DATE FIRST PRODUCTION 9-16-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 9-17-83		WELL STATUS (Producing or shut-in) Shut in	
HOURS TESTED 24	CHOKE SIZE 11/64	PROD'N. FOR TEST PERIOD OIL—BBL. 0	GAS—MCF. 5300
WATER—BBL. 0	GAS—MCF. 5300	OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS. 6000	CASING PRESSURE Sealed	CALCULATED 24-HOUR RATE	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
35. LIST OF ATTACHMENTS Logs and Inclination Report			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Betty Sildon		TITLE Regulatory Analyst	
DATE 9/30/83		ROSWELL, NEW MEXICO	

* (See Instructions and Spaces for Additional Data on Reverse Side)

OCT - 6 1983

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Nacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TRUE VERT. DEPTH
Cherry Canyon	0	470	Anhy, Redbeds	Delaware	5290
Cherry Canyon	470	5540	Salt, Anhy	Cherry Canyon	6264
Cherry Canyon	5540	6990	Anhy, Lime	Cherry Can Mkr	6506
Cherry Canyon & Bone Springs	6990	8050	Sand, Lime	Bone Springs	9222
	8050	10855	Sand, Lime, Shale	Wolfcamp	12410
	10855	15238	Lime, Shale, Chert, Sand	Strawn	13785
	15238	15350	Sand, Lime	Atoka	13940
				Morrow Lime	14344
				Morrow Clastics	14624

OCT 7 1983
O.C.D.
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION DIVISION

P. O. BOX 1980

HOBBS, NEW MEXICO 88240

NOTICE OF GAS CONNECTION

DATE December 12, 1983

This is to notify the Oil Conservation Division that connection for the purchase
of gas from the HNG Oil Company
Operator

Half "5" Fed. Com.
Lease

#1 - Unit Letter Unknown
Well Unit

5-25S-34E, Lea County
S.T.R.

Undesignated (Morrow)
Pool

Transwestern
Name of purchaser

was made on December 9, 1983

Transwestern Pipeline Company
Company

Rodney C. Burke
Representative

Rodney C. Burke

Jr. Analyst
Title

cc: Operator
Oil Conservation Division - Santa Fe