

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See struc.
on reverse side)Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 18644

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wilson 8 Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Sioux Yates

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 8, T26S, R36E

12. COUNTY OR
PARISH
Lea13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

HNG Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 2267, Midland, Texas 79702

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FNL & 660' FEL of Sec. 8

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

6-18-79

15. DATE SPUDDED

1-16-80

16. DATE T.D. REACHED

1-25-80

17. DATE COMPL. (Ready to prod.)

2-22-80

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

2974' GR

19. ELEV. CASINGHEAD

2974'

20. TOTAL DEPTH, MD & TVD

3800

21. PLUG, BACK T.D., MD & TVD

3652'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

→

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3337-3602 (Yates)

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC Sonic

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	1425'	11"	600 sx HLW & 300sx ClC	Circ.
5-1/2"	14#	3800'	7-7/8"	450 sx HLW & 225sx ClC	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3363	3323

31. PERFORATION RECORD (Interval, size and number)

3337 - 3602 (.37" 15)

3692 - 3734 (.41" 10)

Ret. at 3662' Sq. w/200 sx ClC

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3337-3602	6000 gals gelled prepad w/40
gals. Paracheck	14z, 22,000 gals gelled KC
Wtr. + 50% CO ₂	2, 40,000# 20-40 & 60,000#
10-20 sand.	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-22-80		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-25-80	24	-	→	31	50	124	1613
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	Packer	→				31.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Log

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Betty A. Gildon

TITLE Regulatory Clerk

DATE 3-6-80

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

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: "Seals 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.
Salt & Anhy	0	3312	
Tansill	3312	3520	Dolomite & Sand
Yates	3520	3567	Dolomite & Sand
Seven Rivers	3567	3687	Dolomite & Sand
Seven Rivers Pay	3687	TD	Dolomite & Sand

38.

GEOLOGIC MARKERS

NAME	TOP		TRUE VERT. DEPTH
	MEAS. DEPTH		

RECEIVED
MAR 18 1930
OIL CONSERVATION DIV.