

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

(See other instructions reverse)

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 23199					
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 Wilson 21 Federal					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FWL & 2000' FNL of Sec. 21 At top prod. interval reported below Same At total depth Same		9. WELL NO. 5					
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Comanche Stateline Tansill Yates					
DATE ISSUED 10-10-79		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T26S, R36E					
12. COUNTY OR PARISH Lea		13. STATE NM					
15. DATE SPUDDED 12-22-79	16. DATE T.D. REACHED 1-1-80	17. DATE COMPL. (Ready to prod.) 1-23-80	18. ELEVATIONS (DF, RES. RT, GR, ETC.)* 2927' GR				
19. ELEV. CASING HEAD 2927'		20. TOTAL DEPTH, MD & TVD 3800'					
21. PLUG, BACK T.D., MD & TVD RBB at 3530'		22. IF MULTIPLE COMPL., HOW MANY*					
23. INTERVALS DRILLED BY		ROTARY TOOLS					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3215 - 3454 Tansill Yates		25. WAS DIRECTIONAL SURVEY MADE No					
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterlog & BHC Sonic		27. WAS WELL CORED No					
U. S. GEOLOGICAL SURVEY HOBBS, NEW MEXICO							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
6-5/8"	24#	1419'	11"	600 HLW & 250 C1C	Circ.		
6-1/2"	14#	3775'	7-7/8"	450 HLW & 225 C1H			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3344	None
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
INTERVAL	SIZE	AMOUNT AND KIND OF MATERIAL USED					
3552 - 3589 (4)	.37"	1800 gals 15% NEA, Frac w/					
3617 - 3654 (8)	.37"	4000 gals prepad & 14,000 50					
3215 - 3280 (12)	.39"	gelled wtr; 40% CO ₂ , 15,800#					
3417 - 3454 (12)	.39"	20-40 & 16,800# 10-20 sand					
33. PRODUCTION (Over) RBP at 3530'				34. WELL STATUS (Producing or shut-in) Producing			
DATE FIRST PRODUCTION 1/27/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		DATE OF TEST 1/28/80			
HOURS TESTED 24	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 264	GAS—MCF 15	WATER—BBL. 12		
CASING PRESSURE 220	24-HOUR RATE 130	OIL—BBL. →	GAS—MCF. →	WATER—BBL. →	OIL GRAVITY-API (CORE) 31.0		
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold				TEST WITNESSED BY			

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

SIGNED Betty A. Giddon TITLE Regulatory Clerk DATE 2/1/80

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

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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: "Sacks 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.)

Perfs: 3215 - 3454

1750 gals. 15% HCL, Frac w/3000 gals. paraffin & 44,000 gals. 50# gel wtr. w/5% CO2,
102,000# 20-40 sand

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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Tansill	3188	3410	Dolomite & Sand			
Yates	3410	3459	Sand			
Seven Rivers	3459	TD	Dolomite & Sand			
Seven Rivers	3579		Dolomite & Sand			

RECEIVED

FEB 12 '80