

Form 1-5-57
(Rev. 5-55)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
COPY TO O. G. C.
(See instructions on 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 2000' FWL & 660' FNL				9. WELL NO. 7	
At top prod. interval reported below				10. FIELD AND POOL, OR WILDCAT Comanche Stateline	
At total depth Same				Tansill Yates	
14. PERMIT NO.				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T26S, R36E	
DATE ISSUED 10-10-79				12. COUNTY OR PARISH Lea	
15. DATE SPUDDED 2-15-80				13. STATE NM	
16. DATE T.D. REACHED 2-21-80		17. DATE COMPL. (Ready to prod.) 3-11-80		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 2933' GR	
19. ELEV. CASINGHEAD 2933'					
20. TOTAL DEPTH, MD & TVD 3700'		21. PLUG, BACK T.D., MD & TVD 3665'		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)* 3590 - 3658 (Seven Rivers)					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron Log					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"	23#	1409'	11"	600 HLW & 350 C1C	Circ.
5-1/2"	14#	3700'	7-7/8"	450 sx HLW & 225 sx C1C	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8"	3414	3414			
31. PERFORATION RECORD (Interval, size and number) 3590 - 3658 (.41" 12)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
3590-3658		Frac W/12,000 gals gelled			
		2% KCL, 50% CO ₂ , 48,000#			
		10-20 sand.			
33.* PRODUCTION					
DATE FIRST PRODUCTION 3-18-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 3-19-80	HOURS TESTED 24	CHOKE SIZE 3/4" Open	PROD'N. FOR TEST PERIOD →	OIL—BBL. 85	GAS—MCF. 15
WATER—BBL. 4		GAS-OIL RATIO 176			
FLOW. TUBING PRESS. 50	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. →	WATER—BBL. →
					OIL GRAVITY-API (CORR.) 30.0
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					TEST WITNESSED BY
35. LIST OF ATTACHMENTS Logs					
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 3-31-80	

*(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: "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.)

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	TOP	TRUE VERT. DEPTH
Tansill	3215	3416					
Yates	3416	3465					
Seven Rivers 3465		3585					
Seven Rivers Pay 3585		TD					

RECEIVED
APR 8 1980
OIL CONSERVATION DIV.