

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See instructions 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 _____										
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															
4. LOCATION OF WELL (Report location clearly and in accordance with any State laws) At surface 990' FWL & 630' FNL, Sec. 21															
At top prod. interval reported below Same															
At total depth Same															
14. PERMIT NO.				DATE ISSUED 10-10-79											
15. DATE SPUDDED 3-21-80															
16. DATE T.D. REACHED 3-30-80															
17. DATE COMPL. (Ready to prod.) 4-28-80															
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 2943' GR															
19. ELEV. CASINGHEAD 2943'															
20. TOTAL DEPTH, MD & TVD 3700'															
21. PLUG, BACK T.D., MD & TVD 3578'															
22. IF MULTIPLE COMPL., HOW MANY* →															
23. INTERVALS DRILLED BY →															
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3224' - 3504' (Tansill Yates)															
25. WAS DIRECTIONAL SURVEY MADE No															
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Compensated Neutron															
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#		1420'		11"		600 HLW & 275 C1C		Circ.					
5-1/2"		14#		3700'		7-7/8"		450 HLW & 225 C1C							
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"		3402'			
31. PERFORATION RECORD (Interval, size and number)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
3642' - 3690' (.39" 15)								DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3224' - 3504' (.41" 15)								3642-3690				Cmt. ret. at 3588' w/150 C1C			
								3224 - 3504				15,000 gals. gel KCL Water,			
												50% CO ₂ , 48,000# 10-20 sand.			
33. PRODUCTION															
DATE FIRST PRODUCTION 4-28-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping						WELL STATUS (Producing or shut-in) Producing							
DATE OF TEST 5-8-80		HOURS TESTED 24		CHOKE SIZE —		PROD'N. FOR TEST PERIOD →		OIL—BBL. 45		GAS—MCF. 8		WATER—BBL. 8		GAS-OIL RATIO 5625	
FLOW, TUBING PRESS. —		CASING PRESSURE —		CALCULATED 24-HOUR RATE →		OIL—BBL. —		GAS—MCF. —		WATER—BBL. —		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold								35. LIST OF ATTACHMENTS Inclination Report, Logs				36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Betty A. Gildon</u> Betty A. Gildon								TITLE <u>Regulatory Clerk</u>				U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO DATE <u>5/14/80</u>			

*(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
Sand & Anhy	0	3194			
Tansill	3194	3460	Sand & Dolomite		
Yates	3460	3510	"		
Seven Rivers	3510	3642	"		
Seven Rivers Pay	3642	TD	"		

RECEIVED
MAY 27 1980
OIL CONSERVATION DIV.