

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(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 28881		
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 Diamond 31 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 10-16-84					10. FIELD AND POOL, OR WILDCAT Pitchfork Ranch /Morrow/		
15. DATE SPUDDED 10-15-84					11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T24S, R34E		
16. DATE T.D. REACHED 12-8-84					12. COUNTY OR PARISH Lea		
17. DATE COMPL. (Ready to prod.) 12-17-84					13. STATE NM		
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3456.2' GR					19. ELEV. CASINGHEAD 3456.2'		
20. TOTAL DEPTH, MD & TVD 15,360'		21. PLUG, BACK T.D., MD & TVD 15,314'		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)* 15203 - 15242 (Morrow)					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN BHC Sonic Log, Composite Dual Laterolog and DUAL Induction Log, Comp. Neutron-Litho Den. No					27. WAS WELL CORED		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		54.5#		620'		17-1/2"	
9-5/8"		36# & 40#		5120'		12-1/4"	
7"		26#		13200'		8-3/4"	
CEMENTING RECORD		AMOUNT PULLED					
265 HLC & 250 CL C		Circulated					
2000 HLW & 475 CL C		Circulated					
800 TLW & 400 CL H		-					
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4-1/2"		12885'		15,360'		360 CL H	
SCREEN (MD)		TUBING RECORD					
-		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
-		2-7/8"		12885'		SA 12885'	
31. PERFORATION RECORDED (Interval, size and number) 15203 - 15242 (.35", 24)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
15203-15242				None			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-17-84		Flowing				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
12-18-84		24					
OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
0		1300		0		0	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
975		Sealed				-	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented							
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		TITLE			DATE		
Betty Sildon		Regulatory Analyst			1/11/85		

*(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 Content": 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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
	0	860	Red Bed	Delaware	5218
	860	3712	Anhy	Cherry Canyon	6250
	3712	4070	Salt	Cherry Can Mrkr	6514
	4070	5680	Anhy, Lime	Leonard	9078
	5680	7660	Sand	Bonesprings Lime	9262
	7660	11655	Lime, Sand, Shale	3rd BS Sand	11891
	11655	12695	Lime	Wolfcamp	12264
	12695	15360	Lime, Shale, Chert, Shale	Lime Marker	13030
				Strawn	13780
				Atoka	13952
				Morrow Lime	14319
				Morrow Clastics	14582
				Morrow "A" Sand	14594
				Sinatra Sand	14808
				Morrow "B" Sand	14924
				L. Morrow Sh	15096
				Morrow "C"	15150