

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 19858	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. GENVR. ☐ 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 Madera Ridge 25 Fed. Com.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FNL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO. -		DATE ISSUED	
15. DATE SPUNDED 9-8-86		16. DATE T.D. REACHED 9-12-86	
17. DATE COMPL. (Ready to prod.) 9-15-86		18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 3556' GR	
19. ELEV. CASING HEAD 3556'		20. TOTAL DEPTH, MD & TVD 15,750'	
21. PLUG, BACK T.D., MD & TVD 13,742'		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)* 13528 - 13580 (Wolfcamp)		25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN None		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"	61#	600'	17-1/2"
9-5/8"	40# & 36#	5087'	12-1/4"
7"	26#	13420'	8-3/4"
CEMENTING RECORD		AMOUNT PULLED	
300 Cl C Lite & 300 Cl C		Circulated	
1900 Pacesetter & 475 Cl C		Circulated	
750 Pacesetter & 400 Cl H			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
5-1/2"	13060	15000	200 CL H
3-1/2"	14036	14973	140 Cl H
30. TUBING RECORD		SCREEN (MD)	
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)			
14664-14682 (.39" 36)			
13528-13580 (.41" 24)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
14664-14682		CIBP at 13795 + 40' cmt on top	
13528-13580		4000 gals MCA-FE Acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 9-16-86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 9-16-86		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE 16/64"	PROD'N. FOR TEST PERIOD 8	GAS—MCF. 2500
WATER—BBL. 0	GAS—OIL RATIO 312500		
FLOW. TUBING PRESS. 6100	CASING PRESSURE Sealed	CALCULATED 24-HOUR RATE 49.0	OIL GRAVITY-API (CORR.) 49.0
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS None			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Betty Gildon</u> Betty Gildon		TITLE <u>Carlsbad, New Mexico</u>	
DATE <u>9/24/86</u>			

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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. Copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	0	525	Anhy Redbeds	Delaware	5270	
Cherry Canyon	525	3041	100% Anhy	Cherry Canyon	6304	
CC Marker & Leonard	3041	3845	Salt	Cherry Canyon Mkr	6556	
Bone Springs	3845	5405	100% Anhy	Leonard	9060	
Bone Springs & Wolfcamp	5405	6580	Anhy, Shale, Lime	Bone Springs	9220	
Wolfcamp	6580	9600	Lime, Sand, Shale, Chert	Wolfcamp	12210	
Wolfcamp	9600	12427	Shale, Lime	Strawn	13858	
Wolfcamp	12427	12907	Shale, Lime, Sand	Atoka	14042	
Wolfcamp & Strawn	12907	13400	Shale, Lime	Morrow Lime	14472	
Strawn & Atoka	13400	13543	100% Shale	Morrow Clastics	14742	
Atoka & Morrow	13543	14021	Shale, Lime, Chert			
	14021	14264	Lime, Shale			
	14264	15750	Lime, Sand, Shale, Chert			

RECEIVED
OCT 1 1986
HOBBS OFFICE