

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE.

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		N.M. Oil Cons. Division		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		311 S. 1st Street		8. FARM OR LEASE NAME, WELL NO.	
2. NAME OF OPERATOR		Artesia M 88210-2834		Hackberry "18"	
3. ADDRESS AND TELEPHONE NO.		550 W. Texas, Suite 1330, Midland, TX 79701		Federal No. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		915/687-3951		API WELL NO.	
At surface		(0), 660' FSL & 1980' FEL, Sec. 18, T-19S, R-31E		30-015-29780	
At top prod. interval reported below				10. FIELD AND POOL, OR WILDCAT	
At total depth				Hackberry (Morrow)	
14. PERMIT NO.		DATE ISSUED		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
				Sec. 18, T-19S, R-31E	
				12. COUNTY OR PARISH	
				NM	
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)	
8/9/97		9/16/97		10/14/97	
18. ELEVATIONS (DF, EKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD			
3401' GR					
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
12,350'		12,256'		N/A	
23. INTERVALS DRILLED BY		ROTARY TOOLS		CABLE TOOLS	
→		A11		N/A	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE			
12,146' - 12,154' (Morrow)		No			
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED			
PEX w/ HALS; CMR		No			
28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13-3/8" H-40		42#		530'	
8-5/8" K-55		24 & 32#		3098'	
5-1/2" L-80/K55		20 & 17#		12,348'	
29. LINER RECORD		30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)	
N/A					
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
12,146' - 12,154' w/ 4 SPF (33 holes)		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
ACCEPTED FOR RECORD		12,146' - 12,154'		Natural Completion	
(ORIGINAL SET BY BLM)					
33.* BLM PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)		WELL STATUS (Producing or shut-in)	
11/13/97		Flowing		Producing	
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
12/5/97		4 hrs		Varied	
PROD'N. FOR TEST PERIOD		OIL - BBL.		GAS - MCF.	
→		8.6		399	
WATER - BBL.		GAS - OIL RATIO			
0		N/A			
FLOW. TUBING PRESS.		CASING PRESS.		CALCULATED 24-HOUR RATE	
2335		Pkr.		→	
OIL - BBL.		GAS - MCF.		WATER - BBL.	
51.6		CAOF 10,627		0	
OIL GRAVITY - API (CORR.)				54 deg	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY			
Sold					
35. LIST OF ATTACHMENTS					
C-104, Deviation Survey, C-122 + 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	
Darryl McCullough		Sr. Production Clerk		12/18/97	

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

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Atoka Sand	11351	11381	Gas Zone - DST 11,300' - 11,370	Delaware	4313	
			Initial Hydrostatic 5415 psi	Bone Spring	6468	
			Initial Flow 5 mins 977-339 psi	Wolfcamp	9960	
			Initial Shut-in 4989 psi	Strawn	10,900	
			Final flow 443-1453 psi	Atoka Clastics	11,238	
			Final Shut-in 5002 psi	Morrow Carbonate	11,392	
			Final Hydrostatic 5395 psi	Morrow Clastics	11,780	
			Surface Indications: Flowed gas @ 900 psi on 1/4" choke approx. 1.3 MMCF/D			
			Sample Chamber Recovery: 5.14 cu ft Gas, 100 cc mud			
			Pressure 800 psi			
Middle Morrow Sd	11841	12041	Gas & Water			
Lower Morrow Snd	12142	12150	Gas Zone			
Lower Morrow Snd	12154	12187	Water Zone			