

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

Oil Wells
N.M. Div-Dist. 2

5. LEASE DESIGNATION AND SERIAL NO.
NM-101593

6. LANDMAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**1301 W. Grand Avenue
Artesia, NM 88210**

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____						7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____						8. FARM OR LEASE NAME, WELL NO. Kodiak Federal #1	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-31811	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						10. FIELD AND POOL, OR WILDCAT Crow Flats Morrow	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980 FSL & 660 FEL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 9 T16S R28E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	13. STATE NM
15. DATE SPUDDED 7/26/01	16. DATE T.D. REACHED 8/16/01	17. DATE COMPL. (Ready to prod.) 9/28/01	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3610 RKB		19. ELEV. CASING HEAD 3600 GR		
20. TOTAL DEPTH, MD & TVD 9710		21. PLUG, BACK T.D., MD & TVD 9663		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY Rotary Tools	CABLE TOOLS	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 9258-9458' Morrow						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
13 3/8	48	525	17 1/2	650 sx		None	
8 5/8	32	1825	11	650 sx		None	
5 1/2	17	9710	7 7/8	1950 sx		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8					2 3/8	9216	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
9258-9458' .41, 216				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				9258-9458'		250 gals 10% acid	
				9258-9458'		3780 gals 7.5% acid	
				9258-9458'		41,000 lbs Frac sand	
33. PRODUCTION							
DATE FIRST PRODUCTION 10/1/01		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10/1/01	HOURS TESTED 24	CHOKE SIZE 12/64	PROD'N FOR TEST PERIOD 2	OIL-BBL. 1.2 MMCF	GAS-MCF 1.2 MMCF	WATER-BBL. 0	GAS-OIL RATIO 38
FLOW. TUBING PRESS. 1500	CASING PRESSURE 0	CALCULATED 24-HOUR RATE 2	OIL-BBL. 2	GAS-MCF. 1.2 MMCF	WATER - BBL. 0	OIL GRAVITY - API (CORR.) 38	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold				DEC - 7 2001			
35. LIST OF ATTACHMENTS				LES BABYAK PETROLEUM ENGINEER			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Cross D. Cat		TITLE Production Analyst		DATE 11/9/01			

*(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.

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):

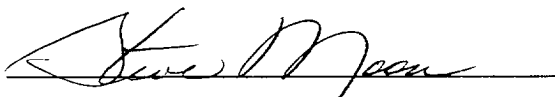
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Crow Flats Morrow	9258	9458		San Andres	1801	
				Glorietta	3320	
				Abo	5300	
				Wolfcamp	6560	
				Atoka	8996	
				Mississippian	9520	

OPERATOR: MACK ENERGY CORP.
WELL/LEASE: KODIAK FED. #1
COUNTY: EDDY

499/304-0169

STATE OF NEW MEXICO
DEVIATION REPORT

525	1/2
974	1/2
1,466	1/2
1,780	1/4
2,293	3/4
2,800	1/2
3,305	1/2
3,762	1/2
4,258	1/2
4,796	1/2
5,304	1/2
5,779	1
6,256	1 1/2
6,666	1 1/4
7,140	1
7,646	1
8,122	1/4
8,726	3/4
9,200	3/4
9,706	3/4

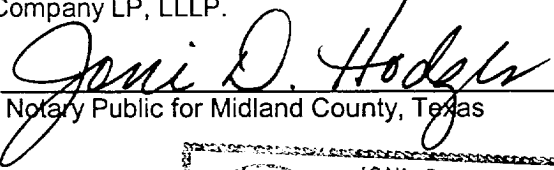
By: 

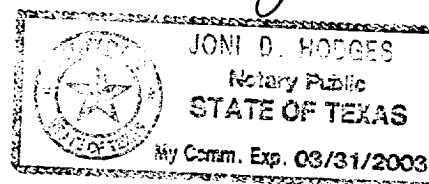
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 30th day of August, 2001, by Steve Moore on behalf of Patterson-UTi Drilling Company LP, LLLP.

My Commission Expires: 3/31/2003


Notary Public for Midland County, Texas



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