

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240
Expires: December 31, 1991
REGISTRATION AND SERIAL NO.
029509-A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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. MC Federal #5	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-025-349730051	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						10. FIELD AND POOL, OR WILDCAT Maljampar Paddock	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 FSL 1650 FWL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 21 T17S R32E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Lea	13. STATE NM
15. DATE SPUDDED 9/24/00	16. DATE T.D. REACHED 10/12/00	17. DATE COMPL. (Ready to prod.) 4/14/01		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4031 RKB		19. ELEV. CASING HEAD 4019	
20. TOTAL DEPTH, MD & TVD 6010		21. PLUG, BACK T.D., MD & TVD 5992		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS Yes	CABLE TOOLS
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 5441.5-5467' Paddock							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	773	17 1/2	650 sx		None	
9 5/8	36	2208	12 1/4	600 sx		None	
7	23	6004	8 3/4	950 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 7/8	5489	
31. PERFORATION RECORD (Interval, size and number) 5441.5-5467' .41, 13				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				5441.5-5467'	2000 gals 15% NEFE acid		
				5441.5-5467'	32000 gals 20% NE Acid		
				5441.5-5467'	54000 gals 40# gel		
				5441.5-5467'	5000 15% HCL Acid		
33. PRODUCTION							
DATE FIRST PRODUCTION 4/18/01		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 16' HVR				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/18/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 14	GAS-MCF. 29	WATER-BBL. 450	GAS- OIL RATIO 2071
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 14	GAS-MCF. 29	WATER - BBL. 450	OIL GRAVITY - API (CORR.) 38	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>David R. Glass</u>				TITLE <u>Production Analyst</u>		DATE <u>5/10/01</u>	
DAVID R. GLASS PETROLEUM ENGINEER							

*(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
Maljamar Paddock	5441.5	5467		Queen	3080	
				San Andreas	3866	
				Glorietta	5354	

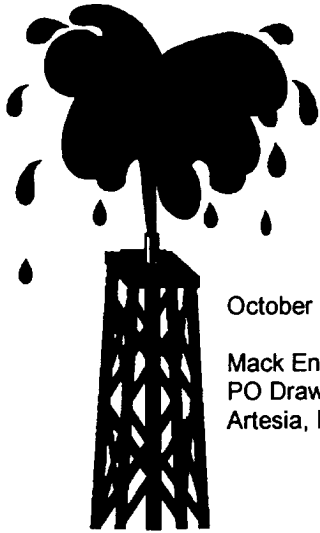
ROSWELL, NM

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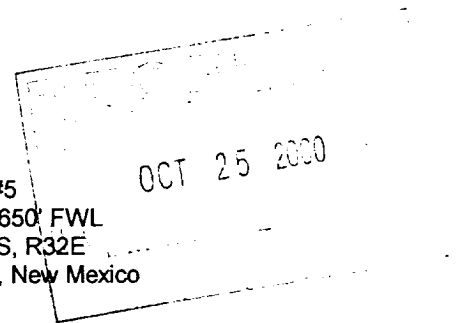
Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors
PO Box 1370 Artesia, NM 88211-1370
505/746-6651 746-3518 fax 748-2205

October 25, 2000

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: MC Federal #5
990' FSL & 1650' FWL
Sec. 21, T17S, R32E
Eddy County, New Mexico



Gentlemen:

The following is a Deviation Survey for the above captioned well.

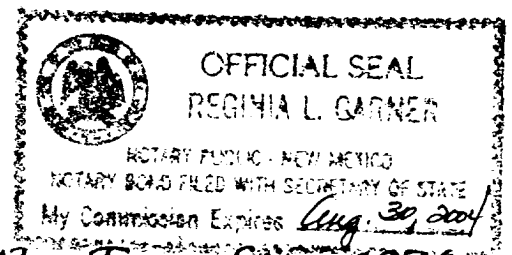
DEPTH	DEVIATION
240'	1/4°
410'	1°
494'	1°
780'	1°
1597'	1 1/2°
1843'	1 1/2°
2039'	1 3/4°
2215'	1 1/2°
2466'	3/4°
2714'	3/4°
3209'	1°
3706'	1°
4210'	1 1/4°
4721'	1 1/4°
5212'	1/4°
5712'	3/4°
6010'	1/2°

Very truly yours,

C. E. LaRue
President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
This 25th day of October, 2000.

Notary Public

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