

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED
OMB NO. 1004-0137
Expiring December 31, 1991
Oil and Gas Division
1625 N. French Dr., Hobbs, NM 88240
LEASE DESIGNATION AND SERIAL NO.
29405A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

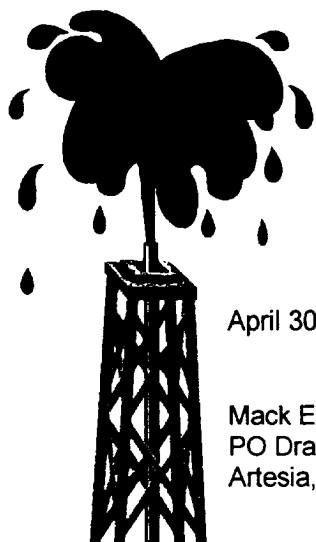
1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____						7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____						8. FARM OR LEASE NAME, WELL NO. BC Federal #4	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-025-35481	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						10. FIELD AND POOL, OR WILDCAT Maljamar Paddock	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330 FNL & 2310 FEL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 19-T17S-R32E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Lea	13. STATE NM
15. DATE SPUDDED 3/31/01	16. DATE T.D. REACHED 4/20/01	17. DATE COMPL. (Ready to prod.) 6/4/01		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3972 RKB		19. ELEV. CASING HEAD 3960	
20. TOTAL DEPTH, MD & TVD 5600		21. PLUG, BACK T.D., MD & TVD 5558		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)* 5496.5-5504 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 H-40	48	661	17 1/2	550 sx		None	
9 5/8	36 & 40	2101	12 1/4	800 sx		None	
7 J-55	26	5582	8 3/4	700 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	5508	
31. PERFORATION RECORD (Interval, size and number) 5496.5-5504, .41, 4				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				5496.5-5504'		500 gals 15% Acid	
				5496.5-5504'		2000 gals 15% acid	
33. PRODUCTION							
DATE FIRST PRODUCTION 6/8/01		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2x1 1/2x16' RHBC HVR PAP BNC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6/27/01	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD →	OIL-BBL. 14	GAS-MCF. 18	WATER-BBL. 432	GAS-OIL RATIO 1285
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 14	GAS-MCF. 18	WATER - BBL. 432	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>Jerry W. Shemell</u>		TITLE <u>Production Clerk</u>		DATE <u>6/27/01</u>			

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Maljamar Paddock	5330	5600		Queen	2973	
				San Andreas	3732	
				Glorietta	5250	



Artesia Fishing Tool Co., Inc.

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

April 30, 2001

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

RE: BC Federal #4
330' FNL & 2310' FEL
Sec. 19, T17S, R32E
Lea County, New Mexico

Gentlemen:

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

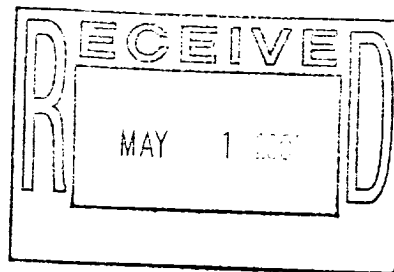
DEPTH	DEVIATION	DEPTH	DEVIATION
232'	1/4°	2576'	1°
501'	3/4°	2819'	3/4°
710'	1 1/2°	3249'	1°
963'	1 3/4°	3748'	1 1/2°
1232'	1°	4020'	1 3/4°
1451'	1°	4276'	2 1/4°
1661'	1 1/2°	4770'	1 1/2°
2106'	2°	5205'	2°
2329'	2°	5600'	2°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 30th-day of April, 2001.

Notary Public

01_1057

Serving Southeast New Mexico and West Texas Since 1974