

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

C15F

Oil Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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. White Star Federal #24	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-32339 S1	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						10. FIELD AND POOL, OR WILDCAT East Empire Yeso	
4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal requirements) At surface 330 FNL & 990 FWL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 29-T17S-R29E, D	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	
13. STATE NM							
15. DATE SPUDDED 7/3/02		16. DATE T.D. REACHED 7/13/02		17. DATE COMPL. (Ready to prod.) 7/29/02		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3644' RKB	
19. ELEV. CASING HEAD 3631'							
20. TOTAL DEPTH, MD & TVD 4310'		21. PLUG, BACK T.D., MD & TVD 4289'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 3866.5-4132.5' Yeso		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	381'	17 1/2	375 sx		None	
8 5/8 K-55	24	854'	12 1/4	500 sx		None	
5 1/2 J-55	17	4304'	7 7/8	905 sx		None	
29. LINER RECORD							
SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	SEP 5 2002				2 7/8	4154'	
31. PERFORATION RECORD (Interval, size and number) ALEXIS C. SWOBODA PETROLEUM ENGINEER				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
3866.5-4132.5', .41, 84				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				3866.5-4132.5'		2500 gals 15% NEFE	
				3866.5-4132.5'		32000 gals 20% HCL	
				3866.5-4132.5'		54000 gals 40# gel	
				3866.5-4132.5'		5000 gals 15% acid	
33. PRODUCTION							
DATE FIRST PRODUCTION 8/1/02		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2x2x16' Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/13/02	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD 33	OIL-BBL. 78	GAS-MCF. 61	WATER-BBL. 2364	GAS- OIL RATIO 38
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 33	OIL-BBL. 78	GAS-MCF. 61	WATER - BBL. 2364	OIL GRAVITY - API (CORR.) 38	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold							
35. LIST OF ATTACHMENTS Deviation Survey, Logs							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Alex S. Swoboda		TITLE Production Analyst		DATE 8/22/02			

*(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
East Empire Yeso	3838	4144			Yates	751	
					Seven Rivers	1024	
					Queen	1619	
					San Andres	2290	
					Glorietta	3748	



Artesia Fishing Tool Co., Inc.

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

July 17, 2002

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

RE: White Star Federal #24
330' FNL & 990' FWL
Sec. 29, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
402'	3/4°	2684'	1/2°
860'	1°	3183'	3/4°
1361'	3/4°	3647'	1°
1856'	3/4°	4146'	3/4°
2346'	1°	4310'	1°

Very truly yours,

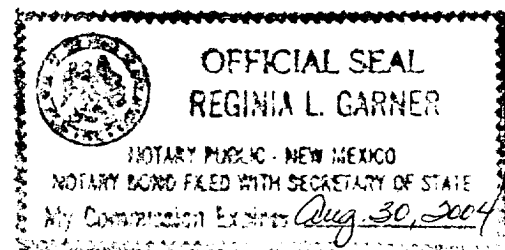
Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 17th day of July, 2002.

Notary Public

JUL 18 2002



02-1155

Serving Southeast New Mexico and West Texas Since 1974