

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

SUBMIT IN DUPLICATE

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

Oil Cons.
W.M. DIV. 2
1301 W. Grand Avenue
Artesia, NM 88210

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. White Star Federal #22	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-32250 S1	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960						10. FIELD AND POOL, OR WILDCAT East Empire Yeso	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330 FNL & 330 FEL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 29-T17S-R29E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED 5/13/02				16. DATE T.D. REACHED 5/25/02		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 6/10/02				18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3606' RKB		19. ELEV. CASING HEAD 3593'	
20. TOTAL DEPTH, MD & TVD 4423'		21. PLUG, BACK T.D., MD & TVD 4403'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 3910-4324.5' 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	337'	17 1/2	350 sx		None	
8 5/8 K-55	24	867'	12 1/4	500 sx		None	
5 1/2 J-55	17	4416'	7 7/8	890 sx		None	
29. ACCEPTED FOR RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4333'	
31. PERFORATION RECORD (Interval, size and number) 3910-4324.5', .41, 97				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				3910-4324.5'		2500 gals 15% NEFE	
				3910-4324.5'		32000 gals 20% HCL	
				3910-4324.5'		54000 gals 40# gel	
				3910-4324.5'		5000 gals 15% acid	
33. PRODUCTION							
DATE FIRST PRODUCTION 6/14/02		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 7/11/02	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 113	GAS-MCF. 254	WATER-BBL. 323	GAS- OIL RATIO 2248
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 113	GAS-MCF. 254	WATER - BBL. 323	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 [Signature]		TITLE Production Analyst			DATE 7/31/02		

*(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	3900	4324.5		Yates	798	
				Seven Rivers	1082	
				Queen	1696	
				San Andres	2366	
				Glorietta	3836	



Artesia Fishing Tool Co., Inc.

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

May 29, 2002

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

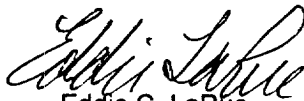
RE: White Star Federal #22
330' FNL & 330' FEL
Sec. 29, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

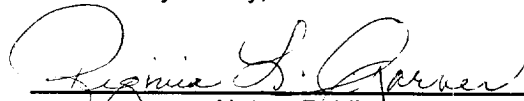
DEPTH	DEVIATION	DEPTH	DEVIATION
868'	1 1/4°	3034'	1 1/2°
1365'	1/4°	3531'	1°
1860'	1°	4027'	1 1/4°
2354'	1°	4423'	1 1/4°
2538'	1 1/4°		

Very truly yours,


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 29th day of May, 2002.


Regina L. Garner
Notary Public



02-1142

Serving Southeast New Mexico and West Texas Since 1974