

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

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

CISF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
Mack Energy Corporation
3. ADDRESS AND TELEPHONE NO.
P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 470 FNL & 2210 FWL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
NM-14840
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME, WELL NO.
White Star Federal #23
9. API WELL NO.
30-015-32356
10. FIELD AND POOL, OR WILDCAT
East Empire Yeso
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 29 T17S R29E, C

14. PERMIT NO. _____ DATE ISSUED _____
12. COUNTY OR PARISH **Eddy** 13. STATE **NM**
15. DATE SPUDDED **7/28/02** 16. DATE T.D. REACHED **8/8/02** 17. DATE COMPL. (Ready to prod.) **8/28/02** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **3635' RKB** 19. ELEV. CASING HEAD **3622'**
20. TOTAL DEPTH, MD & TVD **4378'** 21. PLUG, BACK T.D., MD & TVD **4364'** 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)*
3894-4198.5' 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 J-55	48	325'	17 1/2	325 sx	None
8 5/8 K-55	24	853'	12 1/4	500 sx	None
5 1/2 J-55	17	4377'	7 7/8	955 sx	None

29. LINDER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4228'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3894-4198.5'		2500 gals 15% NEFE	
3894-4198.5'		32000 gals 20% HCL	
3894-4198.5'		54000 gals 40# gel	
3894-4198.5'		5000 gals 15% acid	

33. PRODUCTION							
DATE FIRST PRODUCTION ON		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
8/30/02		2 1/2x2x16' Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
9/9/02	24 hours			58	124	165	2138
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
			58	124	165	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 **9/26/02**

*(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.