

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
• other in-
struction on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
NM-14840

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Mack Energy Corporation

8. FARM OR LEASE NAME, WELL NO.

White Star Federal 4

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960

(505) 748-1288

9. API WELL NO.

30-015-30306

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

2230 FNL 1650 FEL

At top prod. interval reported below

2230 FNL 1650 FEL

At total depth

2230 FNL 1650 FEL

10. FIELD AND POOL, OR WILDCAT
East Empire Yeso11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 29-T17S-R29E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Eddy13. STATE
NM

15. DATE SPUDDED 12/28/99 16. DATE T.D. REACHED 1/9/00 17. DATE COMPL. (Ready to prod.) 1/24/00 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3598 19. ELEV. CASING HEAD 3588

20. TOTAL DEPTH, MD & TVD 4468 21. PLUG, BACK T.D., MD & TVD 4445 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)*

3914-4293.5' 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 K-55	54.5	334	17 1/2	325 sx	None
8 5/8 J-55	24	819	12 1/4	425 sx	None
5 1/2 J-55	17	4458	7 7/8	875 sx	None

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4310	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3914-4293.5', 1/2, 100

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3914-4293.5'	2500 gals 15% NEFE acid
3914-4293.5'	32000 gals 20% HCL acid
3914-4293.5'	54000 gals 40# gel
3914-4293.5'	5000 gals 15% acid

33. PRODUCTION

DATE FIRST PRODUCTION 1/24/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2x2x20' HVR PAP				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/27/00	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD →	OIL-BBL. 92	GAS-MCF. 112	WATER-BBL. 620	GAS-OIL RATIO 1217
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 92	GAS-MCF. 112	WATER - BBL. 620	OIL GRAVITY - API (CORR.) 38	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

(ORIG. SGD.) GARY GOURLEY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Curtis D. Cat TITLE Production Analyst DATE 1/28/00

*(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	3914	4303		Queen	1696		
				San Andres	2400		
				Glorietta	3850		

RECEIVED
 10/12/11
 10/12/11