

(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210-2834

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				7. UNIT AGREEMENT NAME _____	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>				8. FARM OR LEASE NAME, WELL NO. White Star Federal 6	
2. NAME OF OPERATOR Mack Energy Corporation				9. API WELL NO. 30-015-30992	
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 1650 FNL 115 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	13. STATE NM
15. DATE SPUDDED 5/1/00	16. DATE T.D. REACHED 5/11/00	17. DATE COMPL. (Ready to prod.) 5/26/00	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3603 RKB		19. ELEV. CASING HEAD 3591
20. TOTAL DEPTH, MD & TVD 4423		21. PLUG, BACK T.D., MD & TVD 4403	22. IF MULTIPLE COMPL., HOW MANY* _____	23. INTERVALS DRILLED BY _____	ROTARY TOOLS Yes
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 3962.5-4294.5 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	48	328	17 1/2	350 sx	None
8 5/8 J-55	24	845	12 1/4	425 sx	None
5 1/2 J-55	15.5	4415	7 7/8	825 sx	None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT	SCREEN (MD)	PACKER SET (MD)
				2 7/8	4310
31. PERFORATION RECORD (Interval, size and number) 3962.5-4294.5, 41, 7/8			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC		
			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
			3962.5-4294.5	2500 gals 15% NEFE acid	
			3962.5-4294.5	32000 gals 20% HCL acid	
			3962.5-4294.5	54000 gals 40# gel	
33. PRODUCTION					
DATE FIRST PRODUCTION 6/7/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Reda pump			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 6/16/00	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD _____	OIL-BBL. 110	GAS-MCF. 156
WATER-BBL. 425	GAS-OIL RATIO 1424				
FLOW. TUBING PRESS. _____	CASING PRESSURE _____	CALCULATED 24-HOUR RATE _____	OIL-BBL. 110	GAS-MCF. 156	WATER - BBL. 425
			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 Curtis D. Cat TITLE Production Analyst DATE 6/21/00

*(See Instructions and spaces for Additional Data on Reverse Side)

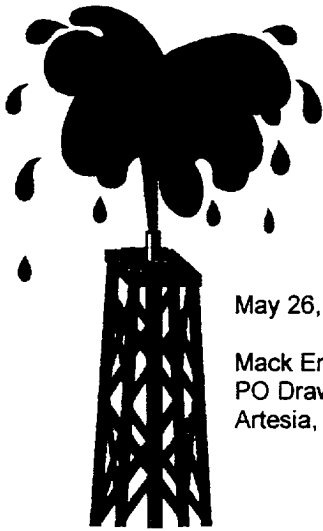
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS.DEPH	TRUE VERT.DEPH
East Empire Yeso	3916	4296		Queen	1692	
				San Andres	2386	
				Glorietta	3846	

38. GEOLOGIC MARKERS

RECEIVED
189 JAN 22 A 10:13



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 26, 2000

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

RE: White Star Federal #6
1650' FNL & 1115' FEL
Sec. 29, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

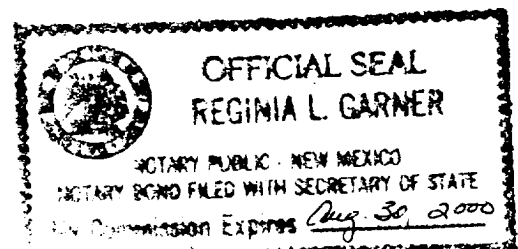
DEPTH	DEVIATION
333'	1/2°
360'	1/4°
644'	1/4°
852'	1/2°
1119'	3/4°
1386'	1°
1631'	1°
1939'	1 1/2°
2246'	1 1/2°
2448'	1°
2898'	1°
3361'	1 1/4°
3887'	1 1/2°
4322'	1 1/4°
4416'	1 1/4°

Very truly yours,

C. E. LaRue
President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 26th day of May, 2000.

Notary Public

00_998

Serving Southeast New Mexico and West Texas Since 1974

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ 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 (Footage, Sec., T. R., M. or Survey Description)

Sec-29,T17S-R29E 1650 FNL & 1115 FEL

5. Lease Designation and Serial No.

NM-14840

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

White Star Federal #6

9. API Well No.

30-015-30992

10. Field and Pool, or Exploratory Area

East Empire Yeso

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Completion
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

05/22/2000 Drill out DV Tool.
05/23/2000 Perf. 3962.5-4294.5 78 holes.
05/24/2000 Acidize perfs w/2500gals 15% NEFE.
05/25/2000 Pumped 32,000 gals 20% heated HCL & 54,000 gals 40# heated gel, 5000 gals 15% HCL.
05/26/2000 RIH w/2 7/8" J-55tbg. landed @ 4310' w/132jts. RIH w/2 1/2x2x16' RHBC HVR PAP BNC pump.

14. I hereby certify that the foregoing is true and correct

Signed Crista D. Card Title Production Analyst Date 6/21/00

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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.

•See Instruction on Reverse Side