

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Oil Cons. M. Div-Dist 2
1301 W. Grand Avenue
Artesia, NM 88210
FOR APPROVED
OMB NO. 1004-0137
Expiring: December 31, 1991
LEASE DESIGNATION AND SERIAL NO.
88210
IF OWNER, LOTTEE OR TRIBE NAME

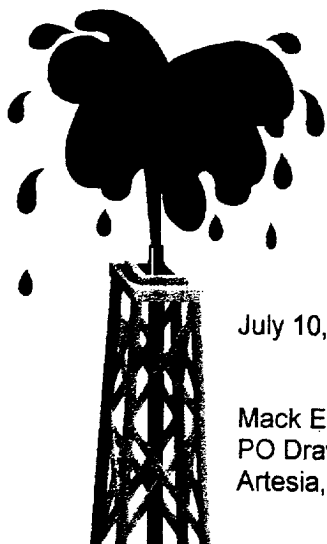
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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. Gold Star Federal #6	
2. NAME OF OPERATOR Mack Energy Corporation		9. API WELL NO. 30-015-32285	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288		10. FIELD AND POOL, OR WILDCAT Empire Yeso	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330 FNL & 485 FEL At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 30, T17S, R29E, A	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 6/22/02		16. DATE T.D. REACHED 7/1/02	
17. DATE COMPL. (Ready to prod.) 7/16/02		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3650' RKB	
19. ELEV. CASING HEAD 3637'		20. TOTAL DEPTH, MD & TVD 4275'	
21. PLUG, BACK T.D., MD & TVD 4254'		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)* 3852-4146' 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	
336'		17 1/2	
300 sx		None	
8 5/8 K-55		24	
903'		12 1/4	
500 sx		None	
5 1/2 J-55		17	
4267'		7 7/8	
905 sx		None	
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
Bottom (MD)		Sacks Cement	
Screen (MD)		Size	
Depth Set (MD)		Packer Set (MD)	
2 7/8		4169'	
31. PERFORATION RECORD (Interval, size and number) 3852-4146', .43, 81		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
Depth Interval (MD)		Amount and Kind of Material Used	
3852-4146'		2500 gals 15% NEFE	
3852-4146'		32000 gals 20% HCL	
3852-4146'		54000 gals 40# gel	
3852-4146'		5000 gals 15% acid	
33. PRODUCTION		DATE FIRST PRODUCTION 7/20/02	
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 8/2/02		HOURS TESTED 24 hours	
CHOKE SIZE		PROD'N FOR TEST PERIOD	
OIL-BBL. 121		GAS-MCF. 229	
WATER-BBL. 157		GAS-OIL RATIO 1893	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL-BBL. 121	
GAS-MCF. 229		WATER-BBL. 157	
OIL GRAVITY - API (CORR.)		OIL GRAVITY - API (CORR.)	
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 _____ TITLE Production Analyst	
LES BABYAK		DATE 8/23/02	

*(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.DEPH	TRUE VERT.DEPH
Empire Yeso	3822	4140			Yates	750	
					Seven Rivers	1008	
					Queen	1600	
					San Andres	2276	
					Glorietta	3734	



Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors

PO Box 1370
505/746-6651

Artesia, NM 88211-1370
746-3518 fax 748-2205

July 10, 2002

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

RE: Gold Star Federal #6
330' FNL & 485' FEL
Sec. 30, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

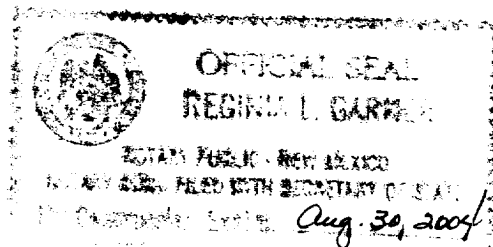
DEPTH	DEVIATION	DEPTH	DEVIATION
530'	1°	2940'	1°
908'	1/2°	3436'	1°
1425'	1/2°	3930'	1°
1920'	3/4°	4275'	1°
2445'	1°		

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 10th day of July, 2002.

Notary Public

02-1152

Serving Southeast New Mexico and West Texas Since 1974