

(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
formation on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
LC-062407

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.

PO 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

990 FSL & 330 FEL

At top prod. interval reported below

At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Cheyenne Federal #3

9. API WELL NO.

30-015-34472 0051

10. FIELD AND POOL, OR WILDCAT

Empire Yeso, East

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 30 T17S R29E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy13. STATE
NM15. DATE SPUDDED
1/7/200616. DATE T.D. REACHED
1/22/200617. DATE COMPL (Ready to prod.)
2/9/200618. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3632' RKB19. ELEV. CASING HEAD
3616'20. TOTAL DEPTH, MD & TVD
547521. PLUG, BACK T.D., MD & TVD
545222. 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)*

4200-5355', Yeso25. WAS DIRECTIONAL
SURVEY MADE**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray27. WAS WELL CORED
No28. **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	378	17 1/2	448sx	None
8 5/8 J-55	24	812	12 1/4	500sx	None
5 1/2 J-55	17	5466	7 7/8	1110sx	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	5362	

30. **TUBING RECORD**

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC
	DEPTH INTERVAL (MD)
	AMOUNT AND KIND OF MATERIAL USED
	See 3160-5 for detail
4200-5355', .42, 140	

33. **PRODUCTION**

DATE FIRST PRODUCTION 2/11/2006		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 24' pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/7/2006	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 74	GAS-MCF. 135	WATER-BBL. 375	GAS-OIL RATIO 1824
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 74	GAS-MCF. 135	WATER-BBL. 375	OIL GRAVITY - API (CORR.)	

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

Sold**ACCEPTED FOR RECORD**

35. LIST OF ATTACHMENTS

Deviation Survey and Logs**DAVID R. GLASS****APR 3 2006**

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

SIGNED

Gerry W. Sherrell

TITLE

Production Clerk

DATE

3/27/2006**DAVID R. GLASS****PETROLEUM ENGINEER**

*(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. DEPTH	TRUE VERT. DEPTH
Empire; Yeso, East	4200	5355	<div> <div>RECEIVED</div> <div> <div>50:1 PM 03 MAR 1967</div> <div> <div>OFFICE</div> <div>CARLOS</div> <div>BUREAU OF LAND MGMT</div> </div> </div> </div>	Yates	852	
				Seven Rivers	1148	
				Queen	1790	
				Grayburg	2213	
				San Andres	2546	
				Glorietta	5030	

38. GEOLOGIC MARKERS

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370

ARTESIA, NEW MEXICO 88211-1370

(505) 746-4405

746-3518

748-2205

January 30, 2006

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

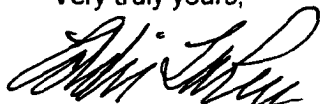
RE: Cheyenne Federal #3
990' FSL & 330' FEL
Sec. 30, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
183'	1/2°	3519'	3 3/4°
360'	1°	3677'	4 1/2°
568'	1°	3738'	4 1/4°
1032'	1°	3831'	4 1/4°
1468'	1 1/2°	4020'	4 1/2°
1965'	1 1/2°	4206'	4°
2465'	3 1/4°	4394'	4 1/4°
2558'	3 1/4°	4614'	4°
2775'	3 1/2°	4872'	4°
2962'	3 3/4°	5051'	4°
3148'	3 3/4°	5459'	5 1/2°
3330'	3 3/4°		

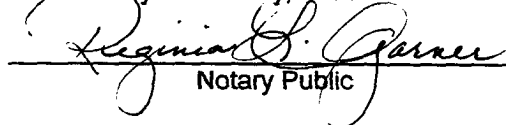
Very truly yours,



Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 30th day of January, 2006.


Notary Public

