

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

FOR APPROVED
1004-0137
Expires December 31, 1991

DESIGNATION AND SERIAL NO.

LC-028480-A

INDIAN, ALIEN, FEE OR TRIBE NAME

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. Western Federal #6	
2. NAME OF OPERATOR Mack Energy Corporation						9. API WELL NO. 30-015-31706	
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 1650 FNL & 1650 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	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Eddy	13. STATE NM
15. DATE SPUDDED 5/11/01	16. DATE T.D. REACHED 5/21/01	17. DATE COMPL. (Ready to prod.) 6/7/01		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3648 RKB		19. ELEV. CASING HEAD 3635	
20. TOTAL DEPTH, MD & TVD 4310		21. PLUG, BACK T.D., MD & TVD 4290		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS Yes CABLE TOOLS	25. WAS DIRECTIONAL SURVEY MADE Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 3909.5-4218.5 Paddock						27. WAS WELL CORED No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray							
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	375	17 1/2	375 sx		None	
8 5/8, J-55	24	895	12 1/4	475 sx		None	
5 1/2, J-55	17	4304	7 7/8	835 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	4245	
31. PERFORATION RECORD (Interval, size and number) 3909.5-4218.5', .41, 111				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				3909.5-4218.5'		2500 gals 15% NE acid	
				3909.5-4218.5'		32,000 gals 20% acid	
				3909.5-4218.5'		54000 gals 40# gel	
				3909.5-4218.5'		5000 cold 15% HCL Acid	
33. PRODUCTION							
DATE FIRST PRODUCTION 6/11/01		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 12 RHBC HVR PAP BNC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6/15/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 92	GAS-MCF. 163	WATER-BBL. 455	GAS-OIL RATIO 1771
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 92	GAS-MCF. 163	WATER - BBL. 455	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 Gary W. Sherrill TITLE Production Clerk DATE 6/28/01

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
<div> <div>RECEIVED</div> <div>2001 JUL -2 AM 10:10</div> <div>BUREAU OF LAND MGMT</div> <div>TOSWELL OFFICE</div> </div> Empire Yeso	3860	4180		Queen	1635	
				San Andreas	2337	
				Glorietta	3791	

38.



Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors
PO Box 1370 Artesia, NM 88211-1370
505/746-6651 746-3518 fax 748-2205

June 8, 2001

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

RE: Western Federal #6
1650' FNL & 1650' FEL
Sec. 30, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

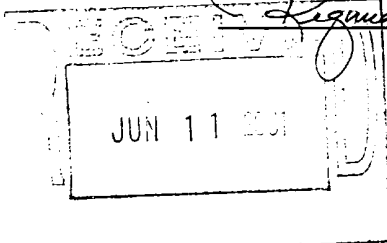
DEPTH	DEVIATION
499'	1 1/2°
941'	1°
1436'	3/4°
1932'	1 1/2°
2459'	2°
2924'	1 1/2°
3420'	1 1/2°
3913'	1 1/2°
4310'	1 1/4°

Very truly yours,

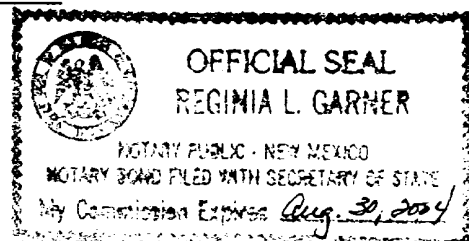
Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 8th day of June, 2001.

Notary Public

01_1064



Serving Southeast New Mexico and West Texas Since 1974

2001 JUL -2 AM 10:10
BUREAU OF LAND MGMT
ROSWELL OFFICE

RECEIVED

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
5. Designation and Serial No.
LC-028480A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
Western Federal #6
9. API Well No.
30-015-31706
10. Field and Pool, or Exploratory Area
Empire Yeso
11. County or Parish, State
Eddy, NM

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-30,T17S-R29E 1650 FNL & 1650 FEL

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

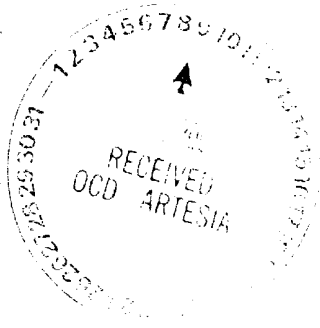
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Completion	<input type="checkbox"/> 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)*

06/05/2001 Drill out DV Tool @ 3733'. Perforate 3909.5-4218.5' 111 holes.
06/06/2001 Acidize perms w/2500 gals 15% NEFE acid.
06/07/2001 Reacidized w/32,000 gals 20% HCL & 54,000 gals 40# gel. Pump 5000 gals 15% cold HCL flush w/90 bbls FW.
06/08/2001 RIH w/2 7/8" J-55 tubing SN @ 4245' w/135 joints. RIH w/2 1/2x2x12' RHBC HVR PAP BNC pump.

ACCEPTED FOR RECORD
JUL - 8 - 01
GARY GOUPLEY
PETROLEUM ENGINEER



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

Signed Gary W. Shenell
(This space for Federal or State office use)

Title Production Clerk

Date 6/28/01

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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

Sec-30,T17S-R29E 1650 FNL & 1650 FEL

Eddy, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Spud & Cement Casings	<input type="checkbox"/> 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)*

05/11/2001 Spud 17 1/2" hole @ 2:30 PM.
05/12/2001 3:45 AM TD 17 1/2" hole @ 375'. RIH w/8 joints 13 3/8" 48# K-55 ST&C. Cemented w/375sx Class C 2% CC. Ready mix