

SEP 23 2009

RM

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

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 P.O. Box 960 Artesia, NM 88210

3a Phone No. (include area code)
(575) 748-1288

4 Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1675 FNL & 30 FWL

At top prod interval reported below 1669 FNL & 538 FWL

At total depth 1686 FNL & 336 FEL

14 Date Spudded
4/28/2009

15 Date T.D Reached
5/30/2009

16 Date Completed 8/6/2009
☐ D&A ☒ Ready to Prod.

5. Lease Serial No
NMLC- 062996B

6 If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8 Lease Name and Well No
Titans Federal Com #1

9. API Well No
30-015-36449

10 Field and Pool or Exploratory
County Line Tank, Abo

11 Sec., T., R., M., on Block

Sec.17 T16S R29E

12. County or Parish 13 State

Eddy NM

17 Elevations (DF, RKB, RT, GR)*
3644' GR

18 Total Depth MD
TVD 11,711' MD 7,055' TVD

19. Plug Back T.D : MD
TVD 11,550' MD 7,055' TVD

20 Depth Bridge Plug Set. MD
TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
12 1/4	8 5/8, J-55	24	0	382'		455sx		0	None
6 1/8	5 1/2, P-110	17	0	7240'		910sx		0	None
	4 1/2, HCP-110	11.60	7240'	11,550'				0	None

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	6,418'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) County Line Tank; Abo	7,561'	11,042'	Strata Ports @ 7,561, 8,169,			
B)			8,782, 9,270, 9,685,			
C)			10,096, 10,549, 11,042			
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7,561-11,042'	See 3160-5 for details

28 Production Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
8/28/09	8/31/09	24 hrs	→	36	41	517		.600	Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	36	41	517	1,139	Producing	

28a Production Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
Petroleum Engineer
SEP 17 2009
/s/ Roger Hall
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(See instructions and spaces for additional data on page 2)

28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29 Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30 Summary of Porous Zones (Include Aquifers)

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.

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
County Line Tank; Abo	7,561'	11,042'		Yates	745'
				Seven Rivers	971'
				Queen	1490'
				Grayburg	1900'
				San Andres	2294'
				Glorietta	3750*
				Tubb	4688'
				Abo	5750'
				Wolfcamp	7056'

32. Additional remarks (include pugging procedure)

33 Indicate which items have been attached by placing a check in the appropriate boxes

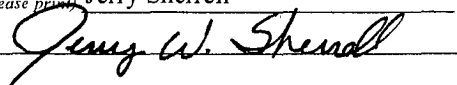
- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34 I hereby certify that the foregoing and attached information is complete as determined from all available records (see attached instruction)*

Name (please print) Jerry Sherrell

Title Production Clerk

Signature



Date 9/8/09

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for my person knowingly and willfully to make to my department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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