

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JUN - 9 2009

Lease Serial No
NMLC-068677

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr,
Other Completion

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

2 Name of Operator
Mack Energy Corporation8 Lease Name and Well No
Giants Federal Com #23 Address
P.O. Box 960 Artesia, NM 882103a Phone No (include area code)
(575) 748-12889 API Well No
30-015-36431

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

At surface

965 FSL & 330 FWL

At top prod interval reported below

959 FSL & 380 FWL

At total depth

936 FSL & 467 FEL

10 Field and Pool or Exploratory

County Line Tank-Abo

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

Sec. 8 T16S R29E

12 County or Parish

13 State

Eddy

NM

14 Date Spudded
2/2/200915 Date T D Reached
3/11/200916 Date Completed 5/12/2009
☐ D&A ☒ Ready to Prod17 Elevations (DF, RKB, RT, GR)*
3,666'18 Total Depth MD
TVD 11,163' / 7,055'19 Plug Back T D . MD
TVD 11,163' / 7,055'20 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 Cement Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
14 3/4	9 5/8, J-55	36	0	402'		400sx		0	None
6 1/8	5 1/2, P-110	17	0	6287'		1375sx		0	None
6 1/8	4 1/2, P-110	11.60	6287'	11,004'		Open Hole Packers			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	6400'	6400'						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A)			Strata Port 11,000', 10,543' - 10,062'			
B)			Strata Port 9,503', 8,988' - 8,470'			
C)			Strata Port 7,950', 7,547'			
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7,547-11,000'	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 BBL	Production Method
5/13/2009	5/20/09	24 hrs	→	269	450	312	41.7	1.3314	Flowing
Choke Size	Tbg Press Flwg SI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
26/64	200	0	→	269	450	312	1673	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
			→						7 2009
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

ACCEPTED FOR RECORD

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
				Yates	763
				Seven Rivers	990
				Queen	1500
				Grayburg	1915
				San Andres	2284
				Glorietta	3768
				Tubb	4983
				Abo	5762
				Wolfcamp	7066

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 W. Sherrall Title Production Clerk
 Signature Jerry W. Sherrall Date 5-28-09

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

(Continued on page 3)

(Form 3160-4, page 2)

RECEIVED

MAY 22 2009