

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

ENTERED
8-19-09Lease Serial No.
NMLC-062996B1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv.,
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.
Cowboys Federal #13. Address
P.O. Box 960 Artesia, NM 882103a. Phone No. (include area code)
(575) 748-12889. API Well No.
30-015-36526

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

At surface 355 FNL & 330 FEL

At top prod. interval reported below 366 FNL & 850 FEL

At total depth 370 FNL & 336 FWL

14. Date Spudded
3/20/200915. Date T.D. Reached
4/22/200916. Date Completed
☐ D&A ☒ Ready to Prod. 6/26/200910. 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)*
3671' GR18. Total Depth: MD
TVD 11,434'19. Plug Back T.D.: MD
TVD 11,235'20. 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	379'		640sx		0	None
6 1/8	5 1/2, P-110	17	0	734'		1025sx		0	None
6 1/8	4 1/2, HCP-110	11.6	7341'	11,235'		Open Hole Packers		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	6848'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) County Line Tank, Abo	7,591'	11,235'	Strata Port 11,235', 10,733'			
B)			Strata Port 10,196', 9,664'			
C)			Strata Port 9,150', 8,661'			
D)			Strata Port 8,127', 7,591'			

27. Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval 7,591-11,235' Strata Port
Amount and Type of Material 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
6/30/09	7/16/09	24 hrs	→	102	99	418	43.800	0.600	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
		0	→	102	99	418	971	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	
			→						

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



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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 (Solid, 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	7,591'	11,235'		Yates	819
				Seven Rivers	1,045'
				Queen	1,562'
				Grayburg	1,970'
				San Andres	2,359'
				Glorietta	3,816'
				Tubb	5,030'
				Abo	5,806'
				Wolfcamp	7,122'

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 Notices 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. SherrellTitle Production Clerk

Signature

Jerry W. SherrellDate 7/16/09

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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