

HOBBS OCD

JUN 04 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNew Mexico Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, NM 87401FORM APPROVED
BLM Form 3160-4
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS, NM 87401

Case Serial No.
NMNM32409

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator MACK ENERGY CORPORATION		8. Lease Name and Well No. SAM FEDERAL 4	
3. Address P.O. BOX 960 ARTESIA, NM 88211-0960		9. API Well No. 30-005-29105-00-S2	
3a. Phone No. (include area code) Ph: 575-748-1288		10. Field and Pool, or Exploratory LITTLE LUCKY LAKE WOLF CAMP (R150)	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW 2285FNL 380FWL At top prod interval reported below SWNW 2282FNL 1031FWL At total depth SWNW 2273FNL 313FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 28 T15S R30E Mer NMP Doublet	
14. Date Spudded 04/06/2010		15. Date T.D. Reached 08/16/2010	
16. Date Completed ☐ D & A ☒ Ready to Prod. 05/18/2012		17. Elevations (DF, KB, RT, GL)* 3987 GL	
18. Total Depth: MD 13091 TVD 9042		19. Plug Back T.D.: MD 4505 TVD 4505	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL DLL FDC GR CNL DLL FDC GR	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)			

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	9.625 J-55	36.0	0	588		700		0	
6.125	5.500 P-110	17.0	0	8107		2200		0	
6.125	4.500 P-110	11.6	8107	12990					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	3754							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) SAN ANDRES	3675	3725	3675 TO 3725	0.410	34	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3675 TO 3725	2100 Gals 15% HCL Acid.
3675 TO 3725	84 Bbbs Linear Gel, 1,712 Bbbs 25# B Frac, 97,760# White Sand 16/30, 22,188# Super LC 16/30.

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
05/27/2012	05/29/2012	24	→	8.0	9.0	545.0	39.2	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→	8	9	545	1125	POW	

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 reverse side)

ELECTRONIC SUBMISSION #139143 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

ACCEPTED FOR 6 MONTH PERIOD APR 01 2011

ENDING

ACCEPTED FOR RECORD
DAVID R. GLASS
MAY 30 2012
DAVID R. GLASS
PETROLEUM ENGINEER

JUN 11 2012

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):	31. Formation (Log) Markers
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	Descriptions, Contents, etc.	Name	Top Meas. Depth
QUATERNARY	0	200		SEVEN RIVERS	1760
SAN ANDRES	3675	3725		QUEEN	2267
WOLFCAMP	9379	12891		GRAYBURG	2660
				SAN ANDRES	2972
				GLORIETA	4542
				TUBB	5748
				ABO	6532
				WOLFCAMP	7946

32. Additional remarks (include plugging procedure)

33. Circle enclosed attachments.

1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7. Other	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #139143 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 05/30/2012 (12DG0259SE)

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 05/29/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #139143

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM32409	NMNM32409
Agreement:		
Operator:	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88210 Ph: 575-748-1288	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph. 505-748-3436
Admin Contact:	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Tech Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Well Name: Number:	SAM FEDERAL 4	SAM FEDERAL 4
Location:		
State:	NM	NM
County:	CHAVES	CHAVES
S/T/R:	Sec 28 T15S R30E Mer	Sec 28 T15S R30E Mer NMP
Surf Loc:	SWNW 2285FNL 380FWL	SWNW 2285FNL 380FWL
Field/Pool:	WILDCAT; SAN ANDRES	LITTLE LUCKY LAKE-WOLFCAMP
Logs Run:	CNL, DLL, FDC, GR	CNL DLL FDC GR CNL DLL FDC GR
Producing Intervals - Formations:	WILDCAT; SAN ANDRES	SAN ANDRES
Porous Zones:	QUATERNARY WOLFCAMP	QUATERNARY SAN ANDRES WOLFCAMP
Markers:	SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA	SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA TUBB ABO WOLFCAMP