Form 3160-4 (August 2007)



UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

MAY 26 20 0

POW

Gravity

Well Status

Production Method

FORM APPROVED OMB No 1004-0137

BUREAU OF LAND MANAGEMENT Expires July 31, 2010 WELL COMPLETION OR RECOMPLETION REPORT AND LOGOD ART Lease Serial No NMLC046119A Gas Well Oil Well Other 6. If Indian, Allottee or Tribe Name la Type of Well ☐ Dry New Well □ Work Over ☐ Diff. Resvr. □ Deepen Plug Back b. Type of Completion Unit or CA Agreement Name and No. Other NMNM124422 8. Lease Name and Well No. Name of Operator Contact: ROBERT CHASE **BILLS FEDERAL COM 1** MACK ENERGY CORPORATION E-Mail: jerrys@mackenergycorp.com 3. Address a. Phone No. (include area code) . API Well No. Ph: 505.748.1288 30-015-36586-00-S1 ARTESIA, NM 88211-0960 10. Field and Pool, or Exploratory 4 Location of Well (Report location clearly and in accordance with Federal requirements) Sec 20 T16S R29E Mer NMP At surface SWNW 1495FNL 330FWL 32.91042 N Lat, 104.10456 W Lon Parom Sec., T., R., M, or Block and Survey or Area Sec 20 T16S R29E Mer NMP At top prod interval reported below Sec 20 T16S R29E Mer NMP At total depth SENE 1675FNL 330FEL 12. County or Parish EDDY 13. State NM 14. Date Spudded 08/03/2009 17. Elevations (DF, KB, RT, GL)³ 3643 GL 15. Date T.D. Reached Date Completed □ D & A Ready to Prod. 04/29/2010 09/04/2009 18. Total Depth. MD 11368 MD 11318 20. Depth Bridge Plug Set. MD Plug Back T.D. TVD TVD 7078 TVD 7078 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) No No No Was well cored? Yes (Submit analysis) CNL FDC GR DLL Was DST run? Yes (Submit analysis) Directional Survey? Yes (Submit analysis) 23. Casing and Liner Record (Report all strings set in well) Bottom Stage Cementer No. of Sks & Slurry Vol. Hole Size Size/Grade Wt. (#/ft.) Cement Top* Amount Pulled (MD) Type of Cement (MD) Depth (BBL) 12.250 8.625 J55 24.0 388 400 6.125 5.500 P110 17.0 0 7409 1535 0 6 125 4.500 P110 11.6 7439 11318 24 Tubing Record Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size Size Packer Depth (MD) Size Depth Set (MD) 25 Producing Intervals 26. Perforation Record Top Bottom Perforated Interval Size No. Holes Perf. Status Formation STRATA PORT A) 7605 ABC 11239 7605 TO 11239 0.410 B) C) D) TAN DEAAD <u> AEDT</u>E 27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Amount and Type of Material 7605 TO 11239 SEE 3160-5 FOR DETAILS 2010 28 Production - Interval A Oil Gravity Date First Method JF LAND WANAGEWENT MCF BBI Production BBL Produced Date Tested Corr API Gravity CARLORAD FIRM OFFICE 05/02/2010 05/10/2010 74.0 140.0 540.0 0.60 24 44.5 Choke Tbg Press 24 Hr Gas Oil Well Status Csg Water Flwg BBL MCF BBL Ratio

(See Instructions and spaces for additional data on reverse side)

Test

Rate

Production

Hours

Tested

Csg

28a. Production - Interval B

Test

Date

Tbg Press

Date First

Produced

Choke

ELECTRONIC SUBMISSION #86433 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

Gas

MCF

MCF

140

74

BBL

BBL

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

540

Water

BBL.

1892

Oil Gravity

Corr API

Gas Oil Ratio

Date First Produced Choke Size	Test Date Tbg Press Flwg	Hours Tested	Test Production	Oil	Gas	Water	010	10		1			
Choke Size	Tbg Press	1103.00					Oil Gravity Corr API	Gas Gravit	v	Production Method			
Size				1000	MCF) bbc	con Art	Giavis	,				
30 - Dead	SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF		Gas Oil Ratio	Well S	tatus				
280. P100	uction - Interv	val D	<u> </u>		<u> </u>								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr API	Gas Gravit	y	Production Method			
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF		Gas Oil Ratio	Well S	Well Status				
29 Dispo	sition of Gas	Sold, used	for fuel, veni	ed, etc.)		_1							
	nary of Porous	s Zones (Inc	clude Aquife	rs):		_	-		1 31. Fo	rmation (Log) Marke	ers	 	
Show tests,	all important	zones of po	prosity and c	ontents there		intervals and all , flowing and sh		es		, 0			
Formation			Тор	Bottom		Descriptions	riptions, Contents, etc.			Name		Top Meas. Depth	
ABO 32. Addit	tional remarks	s (include p	7605	11239					QI GF SA GI TU AE	EVEN RIVERS JEEN RAYBURG AN ANDRES LORIETA JBB SO OLFCAMP		1000 1528 1936 2308 3778 5036 5778 7070	
33 Circle	e enclosed atta	achments:											
 Electrical/Mechanical Logs (1 full set req'd.) Sundry Notice for plugging and cement verification 						2. Geologic Re6. Core Analy				eport	ort 4. Directional Survey		
34. I here	by certify that		Elect	ronic Subm For MA	ission #86 CK ENER	nplete and corre	y the BLM V ATION, sent	Vell Inform t to the Car	ation Sy rlsbad		ed instructi	ons):	
Name (please print) DEANA WEAVER								Title PRODUCTION CLERK					
Signature (Electronic Submission)							Date (Date 05/13/2010					
Title 181	J.S.C. Section	1 1001 and	Title 43 H S	C. Section	212. make	it a crime for a	ny nerson kn	Owingly and	willfall	y to make to any dep	partment or	agency	