

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>HOBBS OGD</b> State of New Mexico Energy, Minerals and Natural Resources <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 July 17, 2008						
SEP 21 2012 RECEIVED				1 WELL API NO. <b>30-025-40197</b>						
		2 Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN		3 State Oil & Gas Lease No. <b>VO-7048</b>						
		5 Lease Name or Unit Agreement Name <b>Ohio State</b>		6 Well Number <b>5</b>						
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4 Reason for filing <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes # 1 through #31 for State and Fee wells only) <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes # 1 through #9, # 15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)										
7 Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8 Name of Operator <b>Mack Energy Corporation</b>				9 OGRID <b>013837</b>						
10 Address of Operator <b>P.O. Box 960 Artesia, NM 88210</b>				11 Pool name or Wildcat <b>Vacuum; Abo Reef</b>						
12 Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	7	18S	35E		1920	South	2130	West	Lea
BH:										
13 Date Spudded 6/20/2012	14 Date T D Reached 7/6/2012	15 Date Rig Released 7/6/2012		16 Date Completed (Ready to Produce) 9/6/2012		17 Elevations (DF and RKB, RT, GR, etc ) 3969' GR				
18 Total Measured Depth of Well 9235'		19 Plug Back Measured Depth 9189'		20 Was Directional Survey Made? No		21 Gamma Ray, Neutron, Density, Run Lateralog, Spectral Gamma Ray				
22 Producing Interval(s), of this completion - Top, Bottom, Name 8540-8909.5', Vacuum Abo Reef										
<b>23 CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB / FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
8 5/8, J-55		24		1567		12 1/4		850sx		None
5 1/2, L-80		17		9235		7 7/8		1860sx		None
24 LINER RECORD						25 TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8	8539'			
26 Perforation record (interval, size, and number)						27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC				
8908.5-8852.5', .41, 22 holes						DEPTH INTERVAL				
8672.5-8823.5', .41, 42 holes						AMOUNT AND KIND MATERIAL USED				
8540-8634.5', .41, 82 holes						8540-8909.5' See C-103 for Details				
<b>28 PRODUCTION</b>										
Date First Production 8/4/2012		Production Method (Flowing, gas lift, pumping - Size and type pump) 78' Sub Pump				Well Status (Prod or Shut-in) Producing				
Date of Test 8/4/2012	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl 4	Gas - MCF 4	Water - Bbl 50	Gas - Oil Ratio 1000			
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl 4	Gas - MCF 4	Water - Bbl 50	Oil Gravity - API - (Corr) 37.800				
29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold						30 Test Witnessed By Robert C. Chase				
31 List Attachments Logs, Deviation										
32 If a temporary pit was used at the well, attach a plat with the location of temporary pit										
33 If an on-site burial was used at the well, report the exact location of the on-site burial										
Latitude			Longitude			NAD 1927 1983				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <u>Deana Weaver</u>		Printed Name <u>Deana Weaver</u>		Title <u>Production Clerk</u>		Date <u>9.20.12</u>				
E-mail Address <u>dweaver@mec.com</u>										

SEP 27 2012

020294

$\frac{1}{2} \left( \frac{1}{2} \right) = \frac{1}{4}$

## GATE INFORMATION TOPICS IN CONFORMANCE WITH GEOGRAPHICAL SEC

Southeastern New Mexico		Northwestern New Mexico	
	T. Canyon	T. Ojo Alamo	T. Penn A"
1725	T. Strawn	T. Kirtland	T. Penn. "B"
2900	T. Atoka	T. Fruitland	T. Penn. "C"
s 2931	T. Miss	T. Pictured Cliffs	T. Penn. "D"
ers 3329	T. Devonian	T. Cliff House	T. Leadville
en 3993	T. Silurian	T. Menefee	T. Madison
burg 4446	T. Montoya	T. Point Lookout	T. Elbert
Andres 4687	T. Simpson	T. Mancos	T. McCracken
leta	T. McKee	T. Gallup	T. Ignacio Otzte
ock	T. Ellenburger	Base Greenhorn	T. Granite
ebry 6008	T. Gr. Wash	T. Dakota	
	T. Delaware Sand 5392	T. Morrison	
kard. 8051	T. Bone Springs 5928	T. Todilto	
8274	T.	T. Entrada	
fcamp	T.	T. Wingate	
	T.	T. Chinle	
o. (Bough Q	T.	T. Permian	

OIL OR GAS  
SANDS OR ZONES

No. 1, from.....	to.....	No. 3, from.....	to.....
No. 2, from.....	to.....	No. 4, from.....	to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet  
 No. 2, from ..... to ..... feet  
 No. 3, from ..... to ..... feet

## LITHOLOGY RECORD (Attach additional sheet if necessary).

From	To	Thickness In Feet	Lithology