

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico CONSERVATION</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505 <div style="position: absolute; top: 0; right: 0; text-align: right;">           SEP 02 2015  <b>RECEIVED</b> </div>				Form C-105 Revised August 1, 2011				
<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)				5. Lease Name or Unit Agreement Name <b>Lava Fee DHC-4761</b>						
7. Type of Completion: <input checked="" type="checkbox"/> <b>NEW WELL</b> <input type="checkbox"/> <b>WORKOVER</b> <input type="checkbox"/> <b>DEEPENING</b> <input type="checkbox"/> <b>PLUGBACK</b> <input type="checkbox"/> <b>DIFFERENT RESERVOIR</b> <input type="checkbox"/> <b>OTHER</b>				6. Well Number: <b>1</b>						
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>Cass Draw, Bone Spring &amp; WC-015 G-06 S232704H; Upper Wolfcamp</b>						
<b>12. Location</b>	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	3	23S	27E		1150	South	1150	East	Eddy, NM
BH:	P	3	23S	27E		898	South	968	East	Eddy, NM
13. Date Spudded 7/26/2014		14. Date T.D. Reached 8/5/2014		15. Date Rig Released 8/8/2014		16. Date Completed (Ready to Produce) 11/7/2014		17. Elevations (OF and RKB, RT, GR, etc.) 3092' GR		
18. Total Measured Depth of Well 9296'				19. Plug Back Measured Depth 9296'		20. Was Directional Survey Made? Yes		21. Gamma Ray, Density, etc. Logs Run Lateralog, Spectral Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name <b>6556-9023' Cass Draw; Bone Spring 9023-9121' WC-015 G-06 S232704H; Upper Wolfcamp</b>										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8" H-40		48#		420		17 1/2"		470sx		None
9 5/8" J-55		36#		2018		12 1/4"		670sx		None
7" P-110		26#		9296'		8 3/4"		1450sx		None
<b>24. LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	<b>25. TUBING RECORD</b>					
					SIZE	DEPTH SET	PACKER SET			
					2 7/8" J-55 (Tubing)	6425'	6425'			
26. Perforation record (interval, size, and number)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
6556-6766', .42, 50 holes					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
7272-7394', .42, 50 holes					6556-9121'		See C-103 for details			
8676-8890', .42, 50 holes										
8949-9121', .42, 50 holes										
<b>28. PRODUCTION</b>										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
8/19/2015		Pumping - 10K Arrowset Packer @ 6425'				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
8/30/2015	24 hours			56	106	109	1892			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
			56	106	109	47.00				
29. Disposition of Gas (Sold, used for fuel, vented, etc)							30. Test Witnessed By			
Sold							Robert Chase			
31. List Attachments										
Logs, Directional & Deviation Survey										
32. If a temporary pit was used at the well, attach a plat with the location of the 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>		Name <u>Deana Weaver</u>		Title <u>Production Clerk</u>			Date <u>8.31.15</u>			
E-mail Address <u>dweaver@mec.com</u>										

9/9/15  
JW

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 1145'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 1872'	T. Atoka	T. Fruitland	T. Penn. T"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 2194'	T. Morrison	
T. Drinkard	T. Bone Springs 5573'	T. Todilto	
T. Abo	T. Cherry Canyon- 2913'	T. Entrada	
T. Wolfcamp 8993'	T. Brushy Canyon- 4130'	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough Q	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, 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

From	To	Thickness In Feet	Lithology

RM