

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>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<div style="text-align: right;">Form C-105</div> Amended Report <u>/BHL</u> July 17, 2008 1. WELL API NO. <b>30-015-40817</b> 2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No. <b>FEE</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)		5. Lease Name or Unit Agreement Name <b>Derrick Fee</b> 6. Well Number: <div style="text-align: center; border: 1px solid black; padding: 5px;"> <b>NM OIL CONSERVATION</b>  <b>ARTESIA DISTRICT</b> </div>																																	
7. Type of Completion: <input checked="" type="checkbox"/> <b>NEW WELL</b> <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER		<div style="text-align: right; font-size: 1.2em;">AUG 12 2014</div>																																	
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 <div style="text-align: center; border: 1px solid black; padding: 5px;"> <b>RECEIVED</b>  <b>Cass Draw; Bone Springs</b> </div>																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>12. Location</th> <th>Unit Ltr</th> <th>Section</th> <th>Township</th> <th>Range</th> <th>Lot</th> <th>Feet from the</th> <th>N/S Line</th> <th>Feet from the</th> <th>E/W Line</th> <th>County</th> </tr> <tr> <td><b>Surface:</b></td> <td><b>H</b></td> <td><b>4</b></td> <td><b>23S</b></td> <td><b>27E</b></td> <td></td> <td><b>1675</b></td> <td><b>North</b></td> <td><b>700</b></td> <td><b>East</b></td> <td><b>Eddy</b></td> </tr> <tr> <td><b>BH:</b></td> <td><b>H</b></td> <td><b>4</b></td> <td><b>23S</b></td> <td><b>27E</b></td> <td></td> <td><b>1728</b></td> <td><b>North</b></td> <td><b>389</b></td> <td><b>East</b></td> <td><b>Eddy</b></td> </tr> </table>	12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	<b>Surface:</b>	<b>H</b>	<b>4</b>	<b>23S</b>	<b>27E</b>		<b>1675</b>	<b>North</b>	<b>700</b>	<b>East</b>	<b>Eddy</b>	<b>BH:</b>	<b>H</b>	<b>4</b>	<b>23S</b>	<b>27E</b>		<b>1728</b>	<b>North</b>	<b>389</b>	<b>East</b>	<b>Eddy</b>	13. Date Spudded <b>2/27/2013</b>	
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14. Date T.D. Reached <b>3/14/2013</b>		15. Date Rig Released <b>3/21/2013</b>																																	
16. Date Completed (Ready to Produce) <b>6/28/2013</b>		17. Elevations (DF and RKB, RT, GR, etc.) <b>3125' GR</b>																																	
18. Total Measured Depth of Well <b>10,520'</b>		19. Plug Back Measured Depth <b>10,477'</b>																																	
20. Was Directional Survey Made? <b>NO</b>		21. Directional Survey Log <b>Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray</b>																																	
22. Producing Interval(s), of this completion - Top, Bottom, Name <b>8424-9066' Cass Draw; Bone Springs</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	398'	17 1/2"	475sx	None																														
8 5/8, K-55	32	2005'	12 1/4"	1025sx	None																														
5 1/2, L-80	17	10520'	7 7/8"	1310sx	None																														
<b>24. LINER RECORD</b>			<b>25. TUBING RECORD</b>																																
SIZE	TOP	BOTTOM	SACKCEMENT	SCREEN	SIZE																														
26. Perforation record (interval, size, and number)  <b>8886-9066', .42, 50</b> <b>8424-8821', .42, 50</b>			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED <b>8424-9066'</b> See C-103 for Details																																
<b>28. PRODUCTION</b>																																			
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod or Shut-in)																															
<b>6/28/2013</b>		<b>Flowing</b>		<b>Producing</b>																															
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF																														
<b>7/9/2013</b>	<b>24hrs</b>			<b>77</b>	<b>165</b>																														
				<b>246</b>	<b>2142</b>																														
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.																														
			<b>77</b>	<b>165</b>	<b>246</b>																														
			Oil Gravity - API - (Corr.) <b>32.00</b>																																
29. Disposition of Gas (Sold, used for fuel, vented, etc)					30. Test Witnessed By																														
<b>Sold</b>					<b>Robert C. Chase</b>																														
31. List Attachments <b>Logs, Deviation</b>																																			
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>																															
E-mail Address <u>dweaver@mec.com</u>				Date <u>8-11-14</u>																															

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## OIL OR GAS SANDS OR ZONES

## IMPORTANT WATER SANDS

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