

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720 <b>District II</b> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011 Permit 181107 WELL API NUMBER 30-025-41499 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name DEEP JACK																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)																																																		
1. Type of Well: O		8. Well Number 001																																																
2. Name of Operator MACK ENERGY CORP		9. OGRID Number 13837																																																
3. Address of Operator PO Box 960, 11344 Lovington Hwy, Artesia, NM 88211		10. Pool name or Wildcat																																																
4. Well Location Unit Letter <u>L</u> : <u>2310</u> feet from the <u>S</u> line and feet <u>990</u> from the <u>W</u> line Section <u>17</u> Township <u>18S</u> Range <u>35E</u> NMPM County <u>Lea</u>																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3953 GR																																																		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>		Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																													
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																																																
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>																																															
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>																																															
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>																																																
Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																																
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. 1/29/2014 Spud 12 1/4" hole @ 6pm. 1/30/2014 TD 12 1/4" hole @ 1827' 1/31/2014 RIH w/ 48 jts 8 5/8" 32# J-55 ST&C @ 1827'. Cemented w/ 550sx Class C 4%, 200sx Class C 1%, plug down @ 3:46am, circ 160sx. WOC 18 hrs tested casing to 1800# for 30 mins, held ok. 2/11/2014 TD 7 7/8" hole @ 9790'. 2/13/2014 RIH w/ 251jts 5 1/2", 17#, L-80 @ 9790'. Cemented w/ 1250sx POZ H, tail w/ 850sx PVL, plug down @ 6:20pm, circ 327sx. Woc 12 hrs tested casing to 600# for 20 mins, held ok. 2/14/2014 Released Rig 6am. 1/29/2014 Spudded well.																																																		
<b>Casing and Cement Program</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>01/31/14</td> <td>Surf</td> <td>FreshWater</td> <td>12.25</td> <td>8.625</td> <td>32</td> <td>J55</td> <td>0</td> <td>1827</td> <td>700</td> <td></td> <td>C</td> <td></td> <td>1800</td> <td></td> <td></td> </tr> <tr> <td>02/13/14</td> <td>Prod</td> <td>CutBrine</td> <td>7.875</td> <td>5.5</td> <td>17</td> <td>180</td> <td>0</td> <td>9790</td> <td>2100</td> <td></td> <td>H</td> <td></td> <td>600</td> <td></td> <td>N</td> </tr> </tbody> </table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	01/31/14	Surf	FreshWater	12.25	8.625	32	J55	0	1827	700		C		1800			02/13/14	Prod	CutBrine	7.875	5.5	17	180	0	9790	2100		H		600		N
Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole																																			
01/31/14	Surf	FreshWater	12.25	8.625	32	J55	0	1827	700		C		1800																																					
02/13/14	Prod	CutBrine	7.875	5.5	17	180	0	9790	2100		H		600		N																																			
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																		
<table style="width:100%;"> <tr> <td>SIGNATURE</td> <td>Electronically Signed</td> <td>TITLE</td> <td>Production Clerk</td> <td>DATE</td> <td>2/14/2014</td> </tr> <tr> <td>Type or print name</td> <td>Jerry Sherrell</td> <td>E-mail address</td> <td>jerrys@mec.com</td> <td>Telephone No.</td> <td>505-748-1288</td> </tr> </table>			SIGNATURE	Electronically Signed	TITLE	Production Clerk	DATE	2/14/2014	Type or print name	Jerry Sherrell	E-mail address	jerrys@mec.com	Telephone No.	505-748-1288																																				
SIGNATURE	Electronically Signed	TITLE	Production Clerk	DATE	2/14/2014																																													
Type or print name	Jerry Sherrell	E-mail address	jerrys@mec.com	Telephone No.	505-748-1288																																													
<b>For State Use Only:</b> <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td>Paul Kautz</td> <td>TITLE</td> <td>Geologist</td> <td>DATE</td> <td>2/14/2014 3:50:00 PM</td> </tr> </table>			APPROVED BY:	Paul Kautz	TITLE	Geologist	DATE	2/14/2014 3:50:00 PM																																										
APPROVED BY:	Paul Kautz	TITLE	Geologist	DATE	2/14/2014 3:50:00 PM																																													

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Comments  
Permit 181107

**DRILLING COMMENTS**

Operator: MACK ENERGY CORP PO Box 960 Artesia, NM 88211	OGRID: 13837
	Permit Number: 181107
	Permit Type: Drilling

**Comments**

Created By	Comment	Comment Date
There are no Comments for this Permit		