

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 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**

Form C-101  
August 1, 2011  
Permit 176037

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address MACK ENERGY CORP PO Box 960 Artesia, NM 88211		2. OGRID Number 13837
4. Property Code 39600		3. API Number 30-015-41756
5. Property Name WIND FEE		6. Well No. 002

**7. Surface Location**

UL - Lot F	Section 4	Township 23S	Range 27E	Lot Idn F	Feet From 1650	N/S Line N	Feet From 2310	E/W Line W	County Eddy
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**8. Proposed Bottom Hole Location**

UL - Lot F	Section 4	Township 23S	Range 27E	Lot Idn F	Feet From 1650	N/S Line N	Feet From 2310	E/W Line W	County Eddy
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**9. Pool Information**

FOREHAND RANCH;DELAWARE	24670
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3138
16. Multiple N	17. Proposed Depth 5550	18. Formation Delaware	19. Contractor	20. Spud Date 11/30/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	400	450	0
Prod	7.875	5.5	17	5550	800	0

**Casing/Cement Program: Additional Comments**

Mack Energy proposes to drill a 12 1/4" hole to 400', run 8 5/8" casing and cement. Drill a 7 7/8" hole to 5550', run 5 1/2" casing and cement. Put well on production.
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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.  Signature: _____ Printed Name: Electronically filed by Jerry Sherrell Title: Production Clerk Email Address: jerrys@mec.com Date: 10/25/2013	<div style="text-align: center;"><b>OIL CONSERVATION DIVISION</b></div> Approved By: Randy Dade Title: District Supervisor Approved Date: 10/25/2013      Expiration Date: 10/25/2015 Conditions of Approval Attached
Phone: 505-748-1288	

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Form APD Comments  
  
 Permit 176037

**PERMIT COMMENTS**

Operator Name and Address: MACK ENERGY CORP [13837] PO Box 960 Artesia, NM 88211		API Number: 30-015-41756
		Well: WIND FEE #002

Created By	Comment	Comment Date
JWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	10/24/2013
CSHAPARD	Land p/P	10/25/2013

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Form APD Conditions  
Permit 176037

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MACK ENERGY CORP [13837] PO Box 960 Artesia, NM 88211		API Number: 30-015-41756
		Well: WIND FEE #002

OCD Reviewer	Condition
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string