

**Santa Fe, NM 87505**

1. Operator Name and Address MACK ENERGY CORP PO BOX 960 ARTESIA , NM 88211		2. OGRID Number 13837
		3. API Number 30-015-36311
4. Property Code 37146	5. Property Name CARDINALS STATE COM	6. Well No. 001H

UL - Lot L	Section 16	Township 16S	Range 29E	Lot Idn L	Feet From 2285	N/S Line S	Feet From 330	E/W Line W	County EDDY
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WILDCAT ABO	97019
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9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3661
14. Multiple N	15. Proposed Depth	16. Formation Abo	17. Contractor	18. Spud Date 5/15/2008
Depth to Ground water 100		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick      Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method:				
Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	380	400	0
Int1	12.25	9.625	36	1800	850	0
Prod	8.75	5.5	17	11475	2500	0

Mack Energy proposes to drill a 17 1/2" hole to 380', run 13 3/8" casing and cement. Drill a 12 1/4" hole to 1800', run 9 5/8" casing and cement. Drill a 8 3/4" hole to 11,475 MD, 7139 TVD. run 5 1/2" LS-110 0-1600', L-80 1600-6200', Buttress 6200-11475' and cement.

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Jerry Sherrell		Approved By: Tim Gum	
Title: Production Clerk		Title: District Supervisor	
Email Address: jerrys@mackenergycorp.com		Approved Date: 5/6/2008   Expiration Date: 5/6/2010	
Date: 4/29/2008   Phone: 505-748-1288			

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
 1301 W. Grand Ave., Artesia, NM 88210  
 Phone:(505) 748-1283 Fax:(505) 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-102  
 Permit 74085

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-36311	2. Pool Code 97019	3. Pool Name WILDCAT ABO
4. Property Code 37146	5. Property Name CARDINALS STATE COM	6. Well No. 001H
7. OGRID No. 13837	8. Operator Name MACK ENERGY CORP	9. Elevation 3661

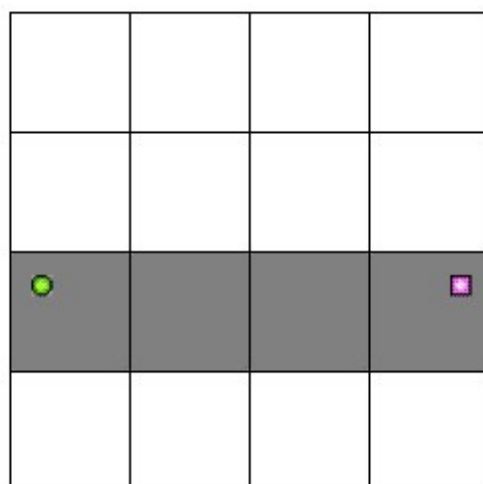
**10. Surface Location**

UL - Lot L	Section 16	Township 16S	Range 29E	Lot Idn	Feet From 2285	N/S Line S	Feet From 330	E/W Line W	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot I	Section 16	Township 16S	Range 29E	Lot Idn I	Feet From 2285	N/S Line S	Feet From 330	E/W Line E	County EDDY
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**



**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Jerry Sherrell

Title: Production Clerk

Date: 4/29/2008

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Ronald Eidson

Date of Survey: 4/8/2008

Certificate Number: 3239

## Permit Comments

Operator: MACK ENERGY CORP , 13837

Well: CARDINALS STATE COM #001H

API: 30-015-36311

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.	4/29/2008