## State of New Mexico

Form C-101 Permit 122533

# **Energy, Minerals and Natural Resources**

# Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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

	Name and Address ENERGY CORP	2. OGRID Number 13837	
10. 10.	) Box 960 a, NM 88211	3. API Number 30-025-39954	
4. Property Code 38373	5. Property Name PAINT STATE	6. Wett No. 001	

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	1	188	35E	E	1650	N	990	W	LEA

#### 8. Pool Information

WILDCAT:BLINEBRY 97817
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#### Additional Well Information

	563		I LUGITIVE HILL III CHI LEITUI HILL			
9. Work Type New Well	10. Weti 7 OIL		11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3889 18. Spud Date 12/1/2010	
14. Multiple N	15. Propose	d Depth	16. Formation Blinebry	17. Contractor		
Depth to Ground 85	water		Distance from nearest fresh water w	vel1	Distance to nearest surface water	
it: Liner: Synthetic Closed Loop Syste		nils thick		Drilling Method: Fresh Water Brine	Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1600	800	0
Prod	7.875	5.5	17	7500	2100	0

### Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 12 1/4 hole to 1600', run 8 5/8 casing and cement. Drill a 7 7/8 hole to 7500' test Blinebry formation, run 5 1/2 casing and cement. Note: On production string a hole caliper will be run and will figure cement with excesss, attempt to circulate.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

of my knowledge and belief.	ation given above is true and complete to the best lling pit will be constructed according to	OIL CONSERVATION DIVISION  Approved By: Paul Kautz				
	neral permit □, or an (attached) alternative					
Printed Name: Electronic	ally filed by Jerry Sherrell	Title: Geologist				
Title: Production Clerk		Approved Date: 11/23/2010	Expiration Date: 11/23/2012			
Email Address: jerrys@r	nackenergycorp.com		** ** ** ** ** ** ** ** ** ** ** ** **			
Date: 11/3/2010	Phone: 505-748-1288	Conditions of Approval Attached				

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

Form C-102 Permit 122533

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39954	2. Pool Code 97817	3. Pool Name WILDCAT;BLINEBRY
4. Property Code 38373	5. Property Na PAINT STA	
7. OGRID No. 13837	8. Operator Na MACK ENERGY	

#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	1	188	35E	In the second of	1650	N	990	W	LEA

#### 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
	cated Acres	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

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#### 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: 11/3/2010

# 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: 9/29/2009 Certificate Number: 3239

# **Permit Comments**

Operator: MACK ENERGY CORP, 13837

Well: PAINT STATE #001

API: 30-025-39954

Created By	Comment	<b>Comment Date</b>
pkautz	land S/S	11/5/2010
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-02834.	11/23/2010

# **Permit Conditions of Approval**

Operator: MACK ENERGY CORP , 13837 Well: PAINT STATE #001

API: 30-025-39954

OCD Reviewer	Condition
pkautz	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