State of New Mexico

Form C-101 Permit 129881

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	2. OGRID Number	
MACK E	13837		
PO Box 960 Artesia, NM 88211		3. API Number	
2210000		30-025-40110	
4. Property Code	5. Property Name	6. Well No.	
38578	CAMEL STATE	001	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	10	198	36E	P	330	S	330	E	LEA

8. Pool Information

WILDCAT:BONE SPRING 9

Additional Well Information

	901	.Idditional frem	LHIOTHIGUION		
9. Work Type New Well	10. Weii Typ OIL	e 11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3757	
14. Multiple N	15. Proposed I 9000	Pepth 16. Formation Bone Spring	17. Contractor	18. Spud Date 5/7/2011	
Depth to Ground	water	Distance from nearest f	řesh water well	Distance to nearest surface water	
Liner: Synthetic Closed Loop Syste		thick Clay Pit Volume:	bbls Drilling Method: Fresh Water X 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	900	0
Prod	7.875	5.5	17	9000	1525	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 9000' test Bone Springs formation, run 5 1/2 casing and cement.

Proposed Blowout Prevention Program

	Type	Working Pressure	Test Pressure	Manufacturer
1	DoubleRam	3000	3000	

of my knowledge and belief.	tion given above is true and complete to the best ing pit will be constructed according to	OIL CONSERVATION DIVISION				
NMOCD guidelines , a gen OCD-approved plan .	eral permit , or an (attached) alternative	Approved By: Paul Kautz				
Printed Name: Electronica	illy filed by Jerry Sherrell	Title: Geologist				
Title: Production Clerk		Approved Date: 4/14/2011	Expiration Date: 4/14/2013			
Email Address: jerrys@m	ackenergycorp.com		62 P			
Date: 4/8/2011	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 129881

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

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

***	LLE LOCATION AND ACIE	AGE DEDICATION TEAT
1. API Number	2. Pool Code	3. Pool Name
30-025-40110	96403	WILDCAT;BONE SPRING
4. Property Code	5. Property N	ame 6. Well No.
38578	CAMEL ST	ATE 001
7. OGRID No.	8. Operator N	ame 9. Elevation
13837	MACK ENERG	Y CORP 3757

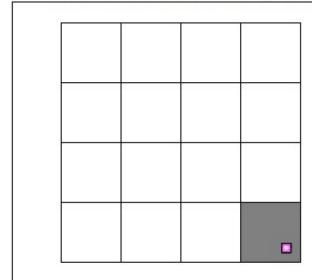
10 Surface Location

				10	Juliace Loc	ation			
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	10	198	36F.	1000000	330	S	330	E	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S Lin	ne	Feet From	E/W Line	County
0.500 100 100	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



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: 4/8/2011

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: 4/6/2011 Certificate Number: 3239

Permit Comments

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

API: 30-025-40110

Created By	Comment	Comment Date
DWEAVER	H2S Comment H2S in this area from surface to TD are low enough that a contingency plan is not required.	4/7/2011
Artesia	Rejected for operator to correct county fro Eddy to Lea	4/8/2011

Permit Conditions of Approval

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

30-025-40110 API:

OCD Reviewer	Condition
p <mark>k</mark> autz	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
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite