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

# State of New Mexico

Form C-101 Permit 82162

# 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

1.	2. OGRID Number			
M	13837			
Ĭ.	PO BOX 960 ARTESIA , NM 88211			
4. Property Code	5. Property Name	6. Well No.		
36929	ARKANSAS STATE	003		

### 7. Surface Location

UL - 1	ot Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Н	35	18S	36E	Н	2120	N	330	E	LEA

## 8. Pool Information

ARKANSAS JUNCTION:BONE SPRING	2340

### Additional Well Information

	563		imministration with	THO THE COLUMN	0.6		
9. Work Type New Well	2003	II Type IL	11. Cable/Rotary	13. Ground Level Elevation 3762			
14. Mõuhtiple N	15. Proposed Depth 6500			16. Formation 17. Contractor Bone Spring			
Depth to Ground	water		Distance from nearest	fresh water well	Distance to nearest surface water		
ht: Liner: Synthetic Closed Loop Syste	m [	mils thick	Clay Pit Volume:	bbls Drilling Method: Fresh Water ⊠ Brine	Diesel/Oil-based Gas/Air		

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1520	650	0
Prod	7.875	5.5	17	6500	1200	0

# Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 12 1/4 hole to 1520', run 8 5/8 casing and cement. Drill a 7 7/8 hole to 6500' test Bone Spring formation, run 5 1/2 casing and cement. Note: On production string a hole caliper will be run and will figure cement with excess, attempt to circulate.

Proposed Blowout Prevention Program

			4.0
Туре	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.	OIL CONSERVATION DIVISION				
I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Paul Kautz				
Printed Name: Electronically filed by Jerry Sherrell	Title: Geologist				
Title: Production Clerk	Approved Date: 9/18/2008 Expiration Date: 9/18/2010				
Email Address: jerrys@mackenergycorp.com	83 33				
Date: 9/16/2008   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

<u>District III</u> 1000 Rio Brazos Rd., Azize, 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 82162

# Energy, Minerals and Natural Resources Oil Conservation Division

1220 S. St Francis Dr. Santa Fe, NM 87505

### WELL LOCATION AND ACREAGE DEDICATION PLAT

	LDD Do cilitori in D ile	TELLOL DEDICTION			
1. API Number	2. Pool Code	3. Pool Name ARKANSAS JUNCTION;BONE SPRING			
30-025-39155	2340				
. Property Code	5. Prope	5. Property Name			
36929	ARKANSA	003			
7. OGRID No.	8. Operat	tor Name	9. Elevation		
13837	MACK ENE	3762			

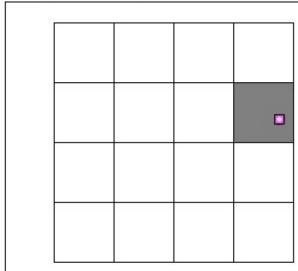
## 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Н	35	18S	36E		2120	N	330	E	LEA

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

UL - Lot	Section	Т	ownship	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
100000000000000000000000000000000000000	cated Acres		13. 1	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: 9/16/2008

### 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: 9/16/2008 Certificate Number: 3239

# Permit Comments

Operator: MACK ENERGY CORP, 13837

Well: ARKANSAS STATE #003

API: 30-025-39155

Created By	comment Comment	
JWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	9/16/2008
DMULL	OCD received form C-144 "Pit Registration". OCD Permit Number P1-00469.	9/18/2008