<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 82167

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.	Operator Name and Address	2. OGRID Number						
IM	IACK ENERGY CORP	13837						
	PO BOX 960 ARTESIA , NM 88211	3. API Number						
·	ACTESIA , MW 60211	30-025-39156						
4. Property Code	5. Property Name	6. Well No.						
36929	ARKANSAS STATE	004						

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
В	35	18S	36E	В	990	N	1650	E	LEA

8. Pool Information

ARKANSAS JUNCTION;BONE SPRING	2340
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Additional Well Information

9. Work Type 10. Well Ty New Well OIL				11. Cable/Rotary	á	12. Lease Type State	13. Ground Level Elevation 3767
14. Montiple N	1000005	osed Depth 500		16. Formation Bone Spring		17. Contractor	18. Spud Date 9/20/2008
Depth to Ground	water		D	istance from nearest	fresh water we	11	Distance to nearest surface water
Pit: Liner: Synthetic mils thick Closed Loop System			Clay	Pit Volume:		rilling Method: resh 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

			2.0
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. I further certify that the drilling pit will be constructed according to	OIL CONSERVATION DIVISION				
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	62 E				
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

<u>District II</u>

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

<u>District III</u> 1000 Rio Brazos Rd., Azzec, NIM 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 82167

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 cillion in D inc	TELLOL DEDICTION	
1. API Number	2. Pool Code	3	Pool Name
30-025-39156	2340	ARKANSAS JUI	NCTION;BONE SPRING
. Property Code	5. Prope	ity Name	6. Well No.
36929	ARKANSA	AS STATE	004
7. OGRID No.	8. Operat	tor Name	9. Elevation
13837	MACK ENE	RGY CORP	3767

10. Surface Location

	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	l
,	В	35	18S	36E		990	N	1650	E	LEA	l

11. Bottom Hole Location If Different From Surface

	and position and position and particular par											
UL - Lot	Section	To	wnship	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
307000000000000000000000000000000000000	cated Acres		13. J	oint 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 #004

API: 30-025-39156

Created By	Comment	Comment Date
JWSHERRELL	H2S Concentrations of wells in this area from surface to TD are low enough that a contigency plan is not required.	9/16/2008
DMULL	OCD received form C-144 "Pit Registration". OCD Permit Number P1-00470.	9/18/2008