

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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HOBBS OCD

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO ~~DEEPEN~~ RE-ENTER, ~~DEEPEN~~ PLUG BACK OR ADD A ZONE

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837
Property Code 37283		Property Name Arabian State
Well No 1		API Number 30-025-32389
Proposed Pool 1 Reeves; Bone Spring		Proposed Pool 2

7 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	18S	35E		990	North	2150	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

Work Type Code E	Well Type Code O	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation 3893
Multiple No	Proposed Depth 8800	Formation Bone Spring	Contractor	Spud Date 8/10/08
Depth to Groundwater 85'		Distance from nearest fresh water well 1000'		Distance from nearest surface water 1000'
Pit Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/>		Pit Volume: _____bbls		
Closed-Loop System <input checked="" type="checkbox"/>		Drilling Method - Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	405	425sx	Surface
12 1/4	8 5/8	32	3455	1500sx	Surface
7 7/8	5 1/2	17	9797	1750sx	Surface

2 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Mack Energy corporation proposes to Re-enter the Buckeye 11 State #1, now called the Arabian State #1 to a depth of 8800' test the Bone Spring formation. Put well on production.

Note: Well to be drilled using closed loop system.

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 NMOCD guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan. <input type="checkbox"/>		OIL CONSERVATION DIVISION	
Signature: <i>Jerry W. Sherrell</i>		Approved by: <i>[Signature]</i>	
Printed name: Jerry W. Sherrell		Title: <i>Geologist</i>	
Title: Production Clerk		Approval Date: 7/31/08	Expiration Date: 7/31/10
E-mail Address: jerrys@mackenergycorp.com			
Date: 7/29/08	Phone: (575)748-1288	Conditions of Approval Attached <input type="checkbox"/>	

1625 N French Dr , Hobbs, NM 88240

811 South First, Artesia, NM 88210

1000 Rio Brazos Rd , Aztec, NM 87410

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
EnerRy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-025-32389	'Pool Code 51870	'Pool Name Reeves; Bone Spring
'Property Code 37283	'Property Name Arabian State	'Well Number 1
'OGRID No 013837	'Operator Name Mack Energy Corporation	'Elevation 3893

HI Surface Location

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" Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
"Dedicated Acres 40	"joint or Infill	"Consolidation Code		"Order No					

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

<div>16</div>		OPERATOR CERTIFICATION <i>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>	
		Signature <u>Jerry W. Sherrell</u>	
		Printed Name Jerry W. Sherrell	
		Title Production Clerk	
		Date 7/29/08	
		"SURVEYOR CERTIFICATION <i>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</i>	
		Date of Survey	
		Signature and Seal of Professional Surveyer	
		Certificate Number	