

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

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 DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837
Property Code 305408		API Number 30-025-37055
Property Name Airstrip	Well No. 1	
Proposed Pool 1 Bone Spring North	Proposed Pool 2	

Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	13	18S	34E		1680	South	1980	West	Lea

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 P	Well Type Code O	Cable/Rotary	Lease Type Code S	Ground Level Elevation 3976'
Multiple No	Proposed Depth 9200'	Formation Bone Spring	Contractor	Spud Date 6/19/08
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 Drilling Method: _____				
Closed-Loop System <input checked="" type="checkbox"/> 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	370'	390sx	Surface
11	8 5/8	32	3250'	1200sx	Surface
7 7/8	5 1/2	17	9943'	835sx	

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 Bay State #1 (formerly Big Sky 13 State #1) well to a depth of 9200', perforate the Bone Spring formation and produce this well.

Note: Workover operations will be done without a pit.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway

Plugback

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 NMOC 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 Jerry W. Sherrell		Approved by: _____	
Printed name: Jerry W. Sherrell		Title: PETROLEUM ENGINEER	
Title: Production Clerk		Approval Date: JUN 19 2008	
E-mail Address: jerry@mackenergycorp.com		Expiration Date: _____	
Date: 6/18/08	Phone: (575)748-1288	CONDITIONS OF APPROVAL: Intent to drill ONLY -- CANNOT produce until the Non-Standard Location has been approved by OCD Santa Fe office	

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Panhoco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Panhoco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-37055	Pool Code 962	Pool Name Alstrip; Banc Spring, North
Property Code 305408	Property Name Bay State	Well Number 1
OGRI No. 013837	Operator Name Mack Energy Corporation	Elevation 3976'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	13	18 S	34 E		1680	SOUTH	1980	WEST	LEA

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 80	Joint or Infill	Consolidation Code	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. <u><i>Terry W. Sherrell</i></u> Signature <u>Terry W. Sherrell</u> Printed Name <u>Production Clerk</u> Title <u>6-18-08</u> Date	
	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. December 28, 2004 Date Surveyed <u><i>L. JONES</i></u> Signature & Seal of Professional Surveyor 	
	Certificate No. <u>7977</u> JLP BASIN SURVEYS	