

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

RECEIVED

Form C-101
May 27, 2004

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

Submit to appropriate District Office

JUN 23 2008

☐ AMENDED REPORT

HOBBS OCD

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
3 Property Code 37224		4 Property Name Dingo State
5 Well No 2		6 API Number 30-025-22833
7 Proposed Pool 1 Baum; Upper Penn		8 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
H	31	13S	33E		1980	North	660	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

11 Work Type Code E P	12 Well Type Code O	13 Cable/Rotary Rotary	14 Lease Type Code S	15 Ground Level Elevation 4269.3
16 Multiple No	17 Proposed Depth 10,000'	18 Formation Penn	19 Contractor	20 Spud Date 6/23/08
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	403	400sx	Circ
12 1/4	8 5/8	24	4071	300sx	4071
7 7/8	5 1/2	17, 15.5	10,000	200sx	9200

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 Bay State #1(formerly State 31 #2) well to a depth of 10,000', perforate the Penn formation 9685-9985' and produce well.

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 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: Jerry W. Sherrell		Approved by: Chris Williams	
Printed name: Jerry W. Sherrell		Title: OCD DISTRICT SUPERVISOR/GENERAL MANAGER	
Title: Production Clerk		Approval Date: JUL 01 2008	
E-mail Address: jerrys@mackenergycorp.com		Expiration Date:	
Date: 6/18/08	Phone: (575)748-1288	Conditions of Approval Attached <input type="checkbox"/>	

District I
1625 N French Dr , Hobbs, NM 88240
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811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
EnerRy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe. NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-025-22833		'Pool Code 04940		'Pool Name Baum; Upper Penn	
'Property Code 37224		'Property Name Dingo State			'Well Number 2
'OGRID No 013837		'Operator Name Mack Energy Corporation			'Elevation 4269.9'

HI Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	13S	33E		1980	North	660	East	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 160		" 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

16					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 <i>Jerry W. Sherrell</i> Printed Name Jerry W. Sherrell	
					Title Production Clerk Date 6/18/08	
					"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						