

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. **III 30 2009**
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
API Number 30-025-27685		
Property Code 37284	Property Name Buckskin State	Well No 1
Proposed Pool 1 Vacuum; Grayburg-San Andres		Proposed Pool 2

7 Surface Location									
UL or lot no L	Section 31	Township 17S	Range 36E	Lot Idn	Feet from the 2310	North/South line South	Feet from the 660	East/West line West	County 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 3883
Multiple No	Proposed Depth 5800	Formation San Andres	Contractor	Spud Date 8/10/08
Depth to Groundwater 40'		Distance from nearest fresh water well		Distance from nearest surface water
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	400	450sx	Surface
12 1/4	9 5/8	40	4490	3450sx	Surface
8 1/2	5 1/2	20, 17	12275	1500sx	Surface

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 formerly State IV #1 now called the Buckskin State #1 to a depth of 5800' test the San Andres 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 ☒ a general permit ☐, or an (attached) alternative OCD-approved plan. ☐

Signature *Jerry W. Sherrell*

Printed name Jerry W. Sherrell

Title Production Clerk

E-mail Address jerrys@mackenergycorp.com

Date 7/29/08

Phone: (575)748-1288

OIL CONSERVATION DIVISION

Approved by

Title: PETROLEUM ENGINEER

Approval Date: 7/31/08

Expiration Date: 7/31/10

Conditions of Approval Attached ☐

District I
1625 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 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 30-025-27685	'Pool Code 62180	'Pool Name Vacuum;Grayburg-San Andres
'Property Code 37284	'Property Name Buckskin State	'Well Number 1
'OGRID No 013837	'Operator Name Mack Energy Corporation	'Elevation 3883'

HI Surface Location

UL or lot no L	Section 31	Township 17S	Range 36E	Lot Idn	Feet from the 2310	North/South line South	Feet from the 660	East/West line West	County Lea
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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

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 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