

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

HOBBS OCD

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

Submit to appropriate District Office

AMENDED REPORT

JUN 04 2013

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 6149		API Number 30-025-36932
Property Name Miller BW State		Well No. 3
Proposed Pool 1 Vacuum; Grayburg San Andres		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
K	3	17S	34E		1840	South	2120	West	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	12 Well Type Code O	" Cable/Rotary Rotary	13 Lease Type Code S	15 Ground Level Elevation 4064' GR
16 Multiple No	" Proposed Depth 5270	" Formation San Andres	19 Contractor	2 Spud Date 6/15/2013
Depth to Groundwater		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	307	400sx	Surface-In place
12 1/4	9 5/8	36	3125	1100sx	296'-In place
8 3/4	5 1/2	17	5270	1965sx	1910'-in place

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 Miller BW State #3 to a depth of 5270'. Complete the San Andres formation. Put well on production.

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Re-Entry**

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>DIST. MGR</i>	
Title: Production Clerk		Approval Date: <i>6-4-2013</i>	Expiration Date: <i>6-4-2015</i>
E-mail Address: jerrys@mec.com			
Date: 5/31/13	Phone: (575)748-1288	Conditions of Approval Attached <input type="checkbox"/>	

JUN 04 2013

HOBBS OCD

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

JUN 04 2013

RECEIVED

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 30-025-36932	'Pool Code 62180	'Pool Name Vacuum;Grayburg San Andres
'Property Code 6149	'Property Name Miller BW State	'Well Number 3
'OGRID No. 013837	'Operator Name Mack Energy Corporation	'Elevation 4064' GR

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	3	17S	34E		1840	South	2120	West	Lea

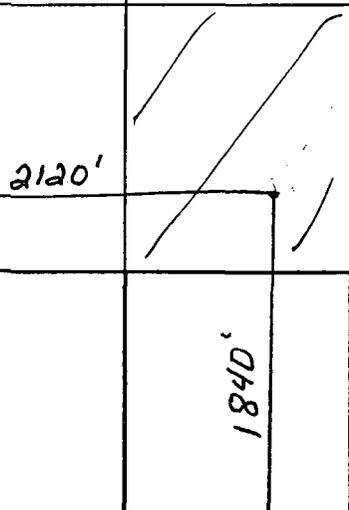
" Bottom Hole Location If Different From Surface

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

" Dedicated Acres 40	" joint or Infill	" Consolidation Code	" Order No.
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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

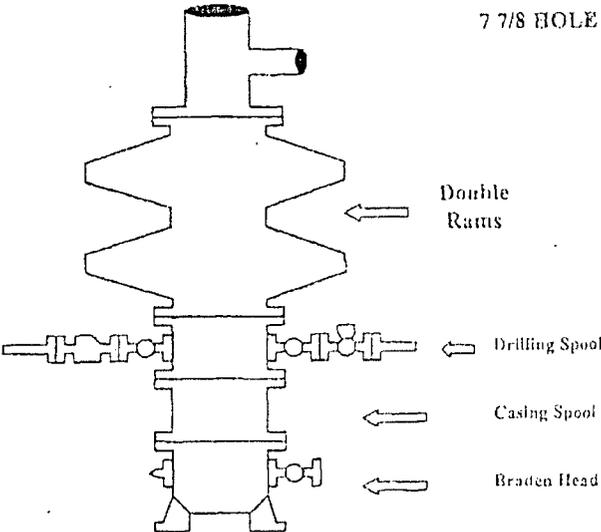
				<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to 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></p> <p>Signature <u>Jerry W. Sherrell</u></p> <p>Printed Name Jerry W. Sherrell</p> <p>Title Production Clerk</p> <p>Date 5/31/2013</p>
				<p>"SURVEYOR CERTIFICATION</p> <p><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></p> <p>On File</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor.</p>
				Certificate Number



ELG 6-3-2013

Mack Energy Corporation

Exhibit #1-A BOPE Schematic



Choke Manifold Requirement (3000 psi WP)
No Annular Required

