District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rto Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV

State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division

Permit 159115

Form C-101 August 1, 2011

1220 S. St Francis Dr. Santa Fe, NM 87505

Operator Name and Address MACK ENERGY CORP PO Box 960								2. OGRID Number 13837			
		Ar	tesia, NM	100000				3. API Number 30-025-408	82		
				5. Property Nam REGON STA				'ett No. 101			
		5 196 5 196		7. S	urface Loc	ation	20				
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County		
M	18	188	37E	4	330	S	330	W	LEA		
124	99	9 188	8.	Proposed	Bottom H	ole Locatio	n	9 699			
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County		
A	18	18S	37E	4	330	S	330	W	Lea		
				9. P	ool Inform	ation					
RKANSA	S JUNCTIO	ON;BONE SP	RING								

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3758	
16. Multiple 17. Proposed Depth N 9150		18. Formation 19. Contractor Bone Spring		20. Spud Date 12/17/2012	
Depth to Ground	water	Distance from nearest fresh water	r well	Distance to nearest surface water	

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1700	850	0
Prod	7.875	5.5	17	9150	1200	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 12 1/4" hole to 1700', run 8 5/8" casing and cement. Drill a 7 7/8" hole to 9150', run 5 1/2" casing and cement. Put well on production.

22. Proposed Blowout Prevention Program

Test Flessure	ivianulacturer
3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	OIL CONSERVATION DIVISION				
I further certify I have complied with 19.15.14.9 (A) NMAC ⊠ and/or 19.15.14.9 (B) NMAC □, if applicable.	Approved By: Paul Kautz				
Signature:					
Printed Name: Electronically filed by Jerry Sherrell	Title: Geologist	62 -			
Title: Production Clerk	Approved Date: 12/12/2012	Expiration Date: 12/12/2014			
Email Address: jerrys@mec.com					
Date: 12/11/2012 Phone: 505-748-1288					

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II

Phone:(575) 393-6161 Fax:(575) 393-0720 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102 August 1, 2011

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40882	2. Pool Code 2340		
4. Property Code 39583	5. Property Name OREGON STATE		6. Well No. 001
7. OGRID No. 13837	8. Operat MACK ENE	or Name	9. Elevation 3758

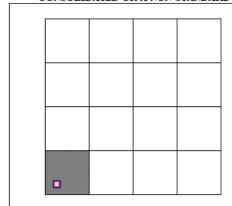
10 Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	18	188	37E	4	330	S	330	W	LEA

11 Rottom Hole Location If Different From Surface

11. Bottom Hote Escation II Billerent I om Sariace									
UL - Lot	Section	Township	Range	Lot Ide	Feet From	N/S Line	Feet From	E/W Line	County
100000000000000000000000000000000000000	cated Acres	13. J	oint or Infill		14. Consolidation	Code	15. 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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Jerry Sherrell Title: Production Clerk Date: 12/11/2012

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.

Surveyed By: Filimon Jaramillo Date of Survey: 11/20/2012 Certificate Number: 1367

Permit Comments

Operator: MACK ENERGY CORP , 13837 Well: OREGON STATE #001

API: 30-025-40882

Created By	Comment	Comment Date
DWEAVER	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	12/10/2012
pkautz	Land s/S	12/11/2012
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT # P1-05511	12/12/2012