District I 1825 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 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-101 August 1, 2011

Permit 181939

	I LICATION ON ENWIT TO DIREC, NE-ENTER, DEEL	LIV, I LOODACI CON ADD A ZONE
Operator Name and Address MACK ENERGY CORP		2. OGRID Number 13837
PO Box 960 Artesia, NM 88211		3. API Number 30-015-42086
4. Property Code 40408	5. Property Name Paradise Fee	6. Well No. 001
	7 Surface Location	·

7. Surface Location

ſ	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	G	12	238	27E	70.7	1650	N	2090	E	Eddy

8. Proposed Bottom Hole Location

-[UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	G	12	238	27E	G	1650	N	2090	E	Eddy

9. Pool Information

CASS DRAW;BONE SPRING	10380

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3063	
16. Multiple N	17. Proposed Depth 9500	18. Formation Bone Spring	19. Contractor	20. Spud Date 2/28/2014	
Depth to Ground water		Distance from nearest fresh water w	ell	Distance to nearest surface water	

☑ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sads of Cement	Estimated TOC
Surf	17.5	13.375	48	400	470	0
Int1	12.25	9.625	36	2100	725	0
Prod	8.75	7	26	9500	1120	0

Casing/Cement Program: Additional Comments

Mack Energy Corporation proposes to drill a 17 1/2" hole to 400', run 13 3/8" casing and cement. Drill a 12 1/4" hole to 2100', run 9 5/8" casing and cement. Drill a 8 3/4" hole to 9500', run 7" casing and cement. Put well on production.

22. Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

knowledge and b				OIL CONSE	RVATION DIVISION	
Signature:						
Printed Name:	Electronically filed by Jerr	y Sherrell	Approved By:	Randy Dade		
Title:	Production Clerk		Title:	District Supervisor		
Email Address: jerrys@mec.com			Approved Date:	2/25/2014 Expiration Date: 2/25/2016		
Date: 2/21/2014 Phone: 505-748-1288			Conditions of Ap	proval Attached	•	

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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

Permit 181939

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-015-42086	10380	CASS DRAW;BONE SPRING
4. Property Code	5. Property Name	6. Well No.
40408	Paradise Fee	001
7. OGRID No. 13837	8. Operator Name MACK ENERGY CORP	9. Elevation 3063

10. Surface Location

UL - Lot	H. Janes	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	G	12	238	27E		1650	N	2090	E	Eddy

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Ac	es		13. Joint or Infill		14. Consolidation C	ode		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

organization either or a right to drill this we	OPERATOR CERTIFICATION is information contained herein is true and complete to the best of my knowledge and belief, and that this was a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has it at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling alsory pooling order heretofore entered by the division.
E-Signed By:	Jerry Sherrell
Title:	Production Clerk
Date:	2/21/2014
	SURVEYOR CERTIFICATION we well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision frue and correct to the best of my belief.
Surveyed By:	Filimon Jaramillo
Date of Survey:	2/10/2014
Certificate Number:	12797

Form APD Comments

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 181939

PERMIT COMMENTS

Operator Name and Address:	API Number:
MACK ENERGY CORP [13837]	30-015-42086
PO Box 960	Well:
Artesia, NM 88211	Paradise Fee #001

Created By	Comment	Comment Date
DWEAVER	H2S Concertrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	2/21/2014
CSHAPARD	Land p/P	2/24/2014

Form APD Conditions

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 181939

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
MACK ENERGY CORP [13837]	30-015-42086
PO Box 960	Well:
Artesia, NM 88211	Paradise Fee #001

OCD	Condition
Reviewer	
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the
	fresh water zone or zones and shall immediately set in cement the water protection string