State of New Mexico

Form C-101 Permit 48404

Energy, Minerals and Natural Resources

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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

7 H I DI CATTON I C	HAT ENGINEED TO ORTER AND TO DRIBE, RE ENTER, DEET EN, TEGODITOR, OR THO IT ZONE						
	1. Operator Name and Address	2. OGRID Number					
	MACK ENERGY CORP	13837					
	PO Box 960 Artesia , NM 88211	3. API Number					
	1110511, 1111 00211	30-015-35532					
4. Property Code	5. Property Name	6. Well No.					
36442	JOKER STATE COM	001					

7. Surface Location

UL - I	ot Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	4	23S	25E	J	1960	S	1950	E	EDDY

8. Pool Information

SHEEP DRAW MORROW (GAS) 8516	SHEEP DRAW MORROW ((GAS)	85160
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Additional Well Information

	901						
9. Work Type New Well	20023	10. Well Туре GAS		11. Cable/Rotary	<i>r</i>	12. Lease Type State	13. Ground Level Elevation 3735
14. Mühtiple N	ple 15. Proposed Depth		16. Formation Morrow		17. Contractor	18. Spud Date 4/1/2007	
Depth to Ground water 132			D	istance from neares	t fresh water w	ell	Distance to nearest surface water
it: Liner: Synthetic Closed Loop System	 m_ X	mils thick	Clay	Pit Volume:		Drilling Method: Fresh Water Brine	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	325	400	0
Int1	12.25	9.625	36	1590	1630	0
Prod	8.75	5.5	17	11500	2100	n

Casing/Cement Program: Additional Comments

Mack Energy proposes to Drill a 17 1/2 hole to 325, run 13 3/8 casing and cement. Drill a 12 1/4 hole to 1590, run 9 5/8 casing and cement. Drill a 8 3/4 hole to 11,500 and evaluate morrow formation, run 5 1/2 casing and cement.

Proposed Blowout Prevention Program

Í	Туре	Working Pressure	Test Pressure	Manufacturer
	DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete of my knowledge and belief. I further certify that the drilling pit will be constructed according	OIL COMBERCATION DIVISION
NMOCD guidelines , a general permit , or an (attached) alto OCD approved plan .	
Printed Name: Electronically filed by Jerry Sherrell	Title: Geologist
Title: Production Clerk	Approved Date: 4/5/2007 Expiration Date: 4/5/2008
Email Address: jerrys@mackenergycorp.com	
Date: 3/13/2007 Phone: 505-748-1288	Conditions of Approval Attached

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 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

Form C-102 Permit 48404

Energy, Minerals and Natural Resources Oil Conservation Division

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

35.5	CDD Do cillion in D inch	E.IOE DEDICITION I DI	• •		
1. API Number	2. Pool Code	3. Pool	Name		
30-015-35532	85160	SHEEP DRAW;M	RAW;MORROW (GAS)		
4. Property Code	5. Property	Name	6. Well No.		
36442	JOKER STA	TECOM	001		
7. OGRID No.	8. Operator	Name	9. Elevation		
13837	MACK ENERGY CORP 3735				

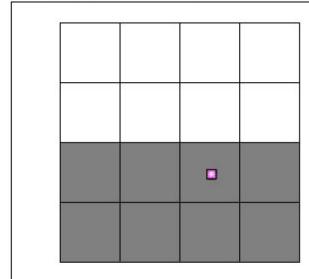
10. Surface Location

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UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	l
J	4	23S	25E		1960	S	1950	E	EDDY	l

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	To	ownship	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
107571571377	ated Acres		13. 1	foint 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: 3/13/2007

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: Gary Eidson Date of Survey: 2/26/2007 Certificate Number: 12641

Permit Comments

Operator: MACK ENERGY CORP , 13837 Well: JOKER STATE COM #001

API: 30-015-35532

Created By	Comment	Comment Date
JWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	3/13/2007
JWSHERRELL	Will request permit from the City of Carlsbad, well is located in Sheep Draw Wellhead Protection area.	3/13/2007

Permit Conditions of Approval

Operator: MACK ENERGY CORP , 13837 Well: JOKER STATE COM #001

API: 30-015-35532

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	As noted, operator to drill surface and intermediate hole sections with fresh water mud.
BArrant	Please see e mail dated 3/27/2007 for additional conditions of approval.
BArrant	Please notify the OCD the time of spud and time to witness the cementing to surface of all strings of casing.