State of New Mexico

Form C-101 Permit 73848

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

	perator Name and Address	2. OGRID Number	
MA	13837		
Al	PO BOX 960 ARTESIA , NM 88211		
4. Property Code	5. Property Name	6. Well No.	
37147	RAMS STATE COM	001	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	16	16S	29E	M	1015	S	430	W	EDDY

8. Pool Information

COUNTY LINE TANK: ABO (O)	97197

Additional Well Information

	561					(I) K	
9. Work Type New Well	10. We	Il Type 11. Cable/Rotary		12. Lease Type State	13. Ground Level Elevation 3653		
14. Multiple 15. Proposes		osed Depth	16. Formatio	on	17. Contractor	18. Spud Date 5/15/2008	
Depth to Ground water 100			Distance from nearest fresh water well			Distance to nearest surface water	
it: Liner: Synthetic Closed Loop System	_ X	mils thick	Clay Pit Volume:		lling Method: sh 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	380	400	0		
Int1	12.25	9.625	36	1800	850	0		
Prod	8.75	5.5	17	11361	2500	n		

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 17 1/2 hole to 380', run 13 3/8 casing and cement. Drill a 12 1/4 hole to 1800', run 9 5/8 casing and cement. Drill a 8 3/4 hole to 11,361 MD, 7129 TVD. run 5 1/2 LS-110 0-1600', L-80 1600-6200', Buttress 6200-11361' and cement.

Proposed Blowout Prevention Program

Troposca Bioliode Trevention Trogram									
Туре	Working Pressure	Test Pressure	Manufacturer						
DoubleRam	3000	3000							

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	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Tim Gum				
Printed Name: Electronically filed by Jerry Sherrell	Title: District Supervisor				
Title: Production Clerk	Approved Date: 5/1/2008 Expiration Date: 5/1/2010				
Email Address: jerrys@mackenergycorp.com					
Date: 4/24/2008 Phone: 505-748-1288					

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 73848

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

0.000	and no control of the control	TIOL BLUSTONIA CONTRACTOR				
1. API Number	2. Pool Code	3. Pool Name				
30-015-36310	97197	COUNTY LINE TANK; ABO (O)				
4. Property Code	5. Property	Name 6. Well No.				
37147	RAMS STAT	ECOM 001				
7. OGRID No.	8. Operator	Name 9. Elevation				
13837	MACK ENER	GY CORP 3653				

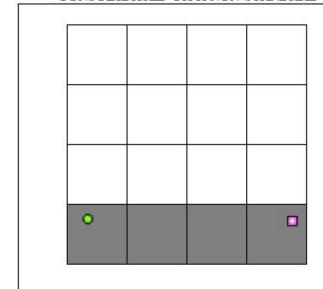
10. Surface Location

à	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	M	16	16S	29E		1015	S	430	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	C. minn	Township	D	T -4 TA.	E E	N/S Line	Feet From	E/W Line	C
8000	Section	76565	Range	Lot Idn	Feet From	N/5 Line	43354	7/22/	County
P	16	16S	29E	P	965	S	330	E	EDDY
12. Dedicated Acres 160.00		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: 4/24/2008

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: Ronald Eidson Date of Survey: 4/11/2008 Certificate Number: 3239

Permit Comments

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

API: 30-015-36310

Created By	Comment	Comment Date
JJWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	4/24/2008