State of New Mexico

Form C-101 Permit 81724

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

	AT LICATION FOR FEIGHT TO DRIBE, RE-EITER, DELI EI, TEODERCK, OR ADD A ZONE								
	1.	Operator Name and Address	2. OGRID Number						
	IV.	13837							
		PO BOX 960 ARTESIA , NM 88211	3. API Number						
	r	ACTESIA , NW 00211	30-05-64052						
4. Proj	perty Code	5. Property Name	6. Well No.						
3	7215	ESKIMO STATE	006						

7. Surface Location

ſ	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
1	N	30	15S	29E	N	965	S	2310	W	CHAVES

8. Pool Information

ROUND TANK;SAN ANDRES	52770
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Additional Well Information

	· ·			0.0	
9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3721	
14. Montiple N	15. Proposed Depth	16. Formation San Andres	17. Contractor	18. Spud Date 9/15/2008	
Depth to Ground	water	Distance from nearest fresh water	well	Distance to nearest surface water	
it: Liner: Synthetic Closed Loop System	mils thick	Clay Pit Volume: bbls	Drilling Method: Fresh Water Brine I	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	12.25	8.625	24	450	400	0
Prod	7.875	5.5	15.5	3500	800	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 12 1/4 hole to 450', run 8 5/8 casing and cement. Drill a 7 7/8 hole to 3500' test the San Andres formation, run 5 1/2 casing and cement. Note: On prduction string a hole caliper will be run and will figure cement with excess, attempt to circulate.

Proposed Blowout Prevention Program

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: 9/11/2008	Expiration Date: 9/11/2010			
Email Address: jerrys@mackenergycorp.com	0.000	8.2 81			
Date: 9/10/2008 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

<u>District III</u>

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 81724

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

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1757						
1. API Number	2. Pool Code	3. Pool Name				
30-05-64052	52770	ROUND TANK;SAN ANDRES				
4. Property Code	5. Property	Name 6. Well No.				
37215	ESKIMO S	TATE 006				
7. OGRID No.	8. Operator	Name 9. Elevation				
13837	MACK ENER	GY CORP 3721				

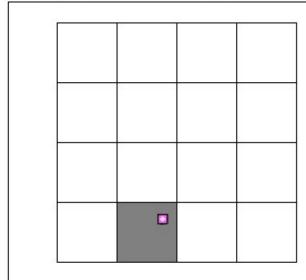
10. Surface Location

UL	- Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	N	30	15S	29E		965	S	2310	w	CHAVES

11. Bottom Hole Location If Different From Surface

	Lat Devicant Later Development in Description Countries										
UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
1075747533	cated Acres	13.	Joint 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: 9/10/2008

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: 9/10/2008 Certificate Number: 3239

Permit Comments

Operator: MACK ENERGY CORP , 13837 Well: ESKIMO STATE #006

API: 30-05-64052

Created By	Comment	Comment Date
DWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	9/10/2008