

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street Artesia, NM 88210-1404  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

**AMENDED REPORT**

**RECEIVED**  
OCD - ARTESIA  
JAN 2002

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

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837
		API Number <b>30-015-32151</b>
Property Code 17568	Property Name Antelope State	Well No. 3

Surface Location									
UL or lot no. K	Section 36	Township 17S	Range 31E	Lot Idn	Feet from the 2310	North/South line South	Feet from the 2310	East/West line West	County Eddy

Proposed Bottom Hole Location If Different From Surface									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Tamano San Andres					Proposed Pool 2				

Work Type Code N Multiple No	Well Type Code O Proposed Depth 5000'	Cable/Rotary R Formation San Andres	Lease Type Code S Contractor L & M	Ground Level Elevation 3833' Spud Date 2/15/02
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Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	<del>200'</del>	Circulated	Surface
12 1/4	8 5/8	32	2200'	Sufficient to Circ	Surface
7 7/8	5 1/2	17	5000'	Sufficient to Circ	Surface
<b>Set 13 3/8" ~ 800'</b>					

Describe the proposed program. If this application is to DEEPEEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Mack Energy Corporation proposes to drill to 350', run 13 3/8" casing and cement. Drill to 2200', run 8 5/8" casing and cement. Drill to 5000' and test San Andres Zone, run 5 1/2" casing and cement. Put well on production.

Note: On Production string, a fluid caliber will be run and will figure cement with 25% excess, attempt to circulate.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief		<b>OIL CONSERVATION DIVISION</b>	
Signature <i>Crissa D. Carter</i>		Approval by: <b>ORIGINAL SIGNED BY TIM W. GUM</b>	
Printed name: Crissa D. Carter		Title: <b>DISTRICT II SUPERVISOR</b>	
Title: Production Analyst		Approval Date: <b>JAN 10 2002</b>	Expiration Date: <b>JAN 10 2003</b>
Date: 1/8/02	Phone: (505)748-1288	Conditions of Approval: Attached <input type="checkbox"/>	

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