

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-401
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837 API Number 30-015-31345
Property Code 25029	Property Name Harper State	Well No. 4Y

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	17S	30E		2170	South	990	East	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 Loco Hills Paddock 96718					Proposed Pool 2				

Work Type Code N Multiple No	Well Type Code O Proposed Depth 4900'	Cable/Rotary R Formation Paddock	Lease Type Code S Contractor LaRue	Ground Level Elevation 3676 Spud Date 4/25/00
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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	54.5	350'	Circ	Surface
12 1/4	8 5/8	24	1100'	Circ	"
7 7/8	5 1/2	17	4900'	Sufficient to Circ	"

Describe the proposed program. If this application is to DEEPEN 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 had to skid 15' because of hole problems, therefore we propose to drill to a depth of sufficient to test the Paddock and San Andres formation for oil. If productive, 5 1/2" casing will be cemented. If non-productive, the well will be plugged and abandoned in a manor consistent with state regulations.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief Signature <i>Crissa D. Carter</i>		OIL CONSERVATION DIVISION	
Printed name: Crissa D. Carter		Approval by: ORIGINAL SIGNED BY TIM W. GUM	
Title: Production Analyst		Title: DISTRICT II SUPERVISOR	
Date: 9/13/2000		Approval Date: SEP 20 2000 Expiration Date SEP 20 2001	
Phone: (505)748-1288		Conditions of Approval: Attached <input type="checkbox"/>	