

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
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

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

Operator Name and Address: Middle Bay Oil Company, Inc. 115 S. Dearborn Street Mobile, Alabama 36602		OGRID Number 142072
Property Code 16646	Property Name Kim Harris	API Number 30 - 025-31522
		Well No. #2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	12	16S	36E		600'	North	797'	East	Lea

8 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
A	12	16S	36E		150'	North	797'	East	Lea

Proposed Pool 1 Northeast Lovington Penn	Proposed Pool 2 Northeast Lovington - Wolfcamp
---	---

Work Type Code E	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3,861.6
Multiple N	Proposed Depth 11,541	Formation Penn	Contractor Norton Drilling	Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
Existing 17 1/2	13 3/8	54 1/2#	413	420	
Existing 11	8 5/8	28#	4,510	1,200	
Proposed 7 7/8	5 1/2	17-20#	11,600	500	600 above
					top pay

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.

Plans are to re-enter the wellbore and clean out to $\pm 8,500'$ and set a cement plug. The hole will be kicked off in a Northerly direction building to a maximum 12 degree angle to intersect target #1 (Wolfcamp Reef) at $\pm 10,500'$. Angle will then drop to ± 6 degrees to intersect target #2 (Strawn) at $\pm 11,700'$. Total Northerly displacement is projected to be $\pm 450'$. Estimated TVD will be 11,700' @ BHL.

BOP Equipment -- 11" 5000# double & 11" 5000# annular

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>[Signature]</i> Printed name: John J. Bassett Title: President Date: 2-8-95		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY Title: GARY WINK FIELD REP. II Approval: MAR 03 1995 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
Phone: (334) 432-7540			

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.