

PO Drawer DD, Artesia, NM 88211-0713
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIV. JN
PO Box 2088
Santa Fe, NM 87504-2088

Instructions on back
Submit to Appropriate District Office
State Lease-6 Copies
Fee Lease-6 Copies

☐ AMENDED REPORT

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

Operator Name and Address Harvey E. Yates Company <i>JAC</i> P.O. Box 1933 Roswell, N.M. 88202		OGRID Number 10179 API Number 30-025-34190
Property Code 17564	Property Name FLINT UNIT	WELL NO. #4

Surface Location

UL or Lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	SEC-17	T-18S	R-36E		2310'	NORTH	500'	WEST	LEA

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 WILDCAT Bone Spring					Proposed Pool 2				

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
N	O	ROTARY	S	3860
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	6,700'	BONE SPRINGS	PETERSON DRLG. RIG #2	ASAP

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#	400'	425	Circulate to surface
12 1/4"	8 5/8"	32#	3,500'	1200	Circulate to surface
7 7/8"	5 1/2"	17#	6,700'	1600	Tie into intermediate csg

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.

MUD PROGRAM

0-400' FRESH WATER w/ PAPER & SHALE GUARD.
400-3500' BRINE WATER w/ PAPER & SHALE GUARD.
3500-6700' FRESH WATER w/ PAPER, SHALE GUARD, N03, 18-20,000 CHLORIDES, & SWEEPS AS NEEDED.

PRESSURE CONTROL EQUIPMENT

BOP w/ ANNULAR. ALTHOUGH THE RIG EQUIPMENT IS RATED 3M, THIS WELL WILL BE RATED 2M.
UPPER AND LOWER KELLY COCK

OTHER

THIS IS A KNOWN H2S AREA. AN H2S COMPLIANCE PACKAGE WILL BE UTILIZED.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature *Bob Williams*
Printed name: **Bob Williams**

Title: **Drilling Superintendent**

Date: **11-10-97** Phone: **505-623-6601**

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY GARY WINK**
Title: **FIELD REP. II**

Approval Date: Expiration Date:

Conditions of Approval:

Attached