

USACE
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 O-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease-6 Copies
Fee Lease-5Copies
☐ AMENDED REPORT

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

Operator Name and Address Harvey E. Yates Company P.O. Box 1933 Roswell, N.M. 88202		OGRID Number 010179 API Number 30-0 25-33465
Property Code 17564	Property Name FLINT UNIT	WELL NO. #2

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 _c	SEC-7	T-18S	R-36E	2	2310'	NORTH	330'	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					Proposed Pool 2				

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
N Multiple	O Proposed Depth	ROTARY Formation	S Contractor	3860 Spud Date
N	9100'	BONE SPRINGS	PETERSON DRILLING RIG #5	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#	3200'	1200	Circulate to surface
7 7/8"	5 1/2"	17#	9100'	1100	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.
400-3200' BRINE WATER w/ PAPER & SHALE GUARD.
3200-9100' 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.

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.		OIL CONSERVATION DIVISION	
Signature Bob Williams	Printed name: Bob Williams	Approved by ORIGINAL SIGNED BY TERRY J. DISTRICT I SUPERVISOR	Title: Approval Date: Expiration Date:
Date: 5-29-96	Phone: 505-623-6601	Attached MAY 24 1996	



DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504 2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33465	Pool Code -	Pool Name Wildcat
Property Code 17564	Property Name FLINT UNIT	Well Number 2
OGRID No. 10179	Operator Name HARVEY E. YATES CO.	Elevation 3875

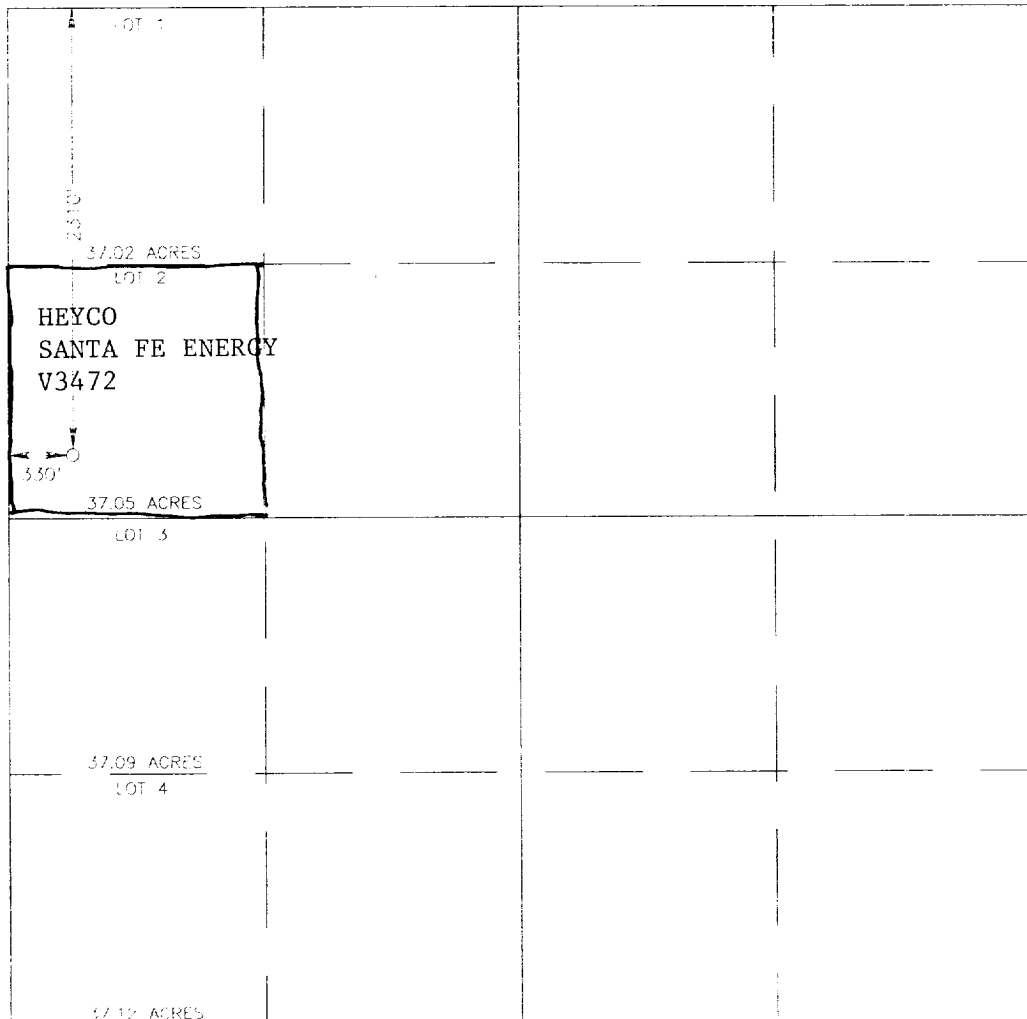
Surface Location

UL or lot No. E/ LOT 2	Section 7	Township 18 S	Range 36 E	Lot Idn 2	Feet from the 2310	North/South line NORTH	Feet from the 330	East/West line WEST	County T&A
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Bottom Hole Location If Different From Surface

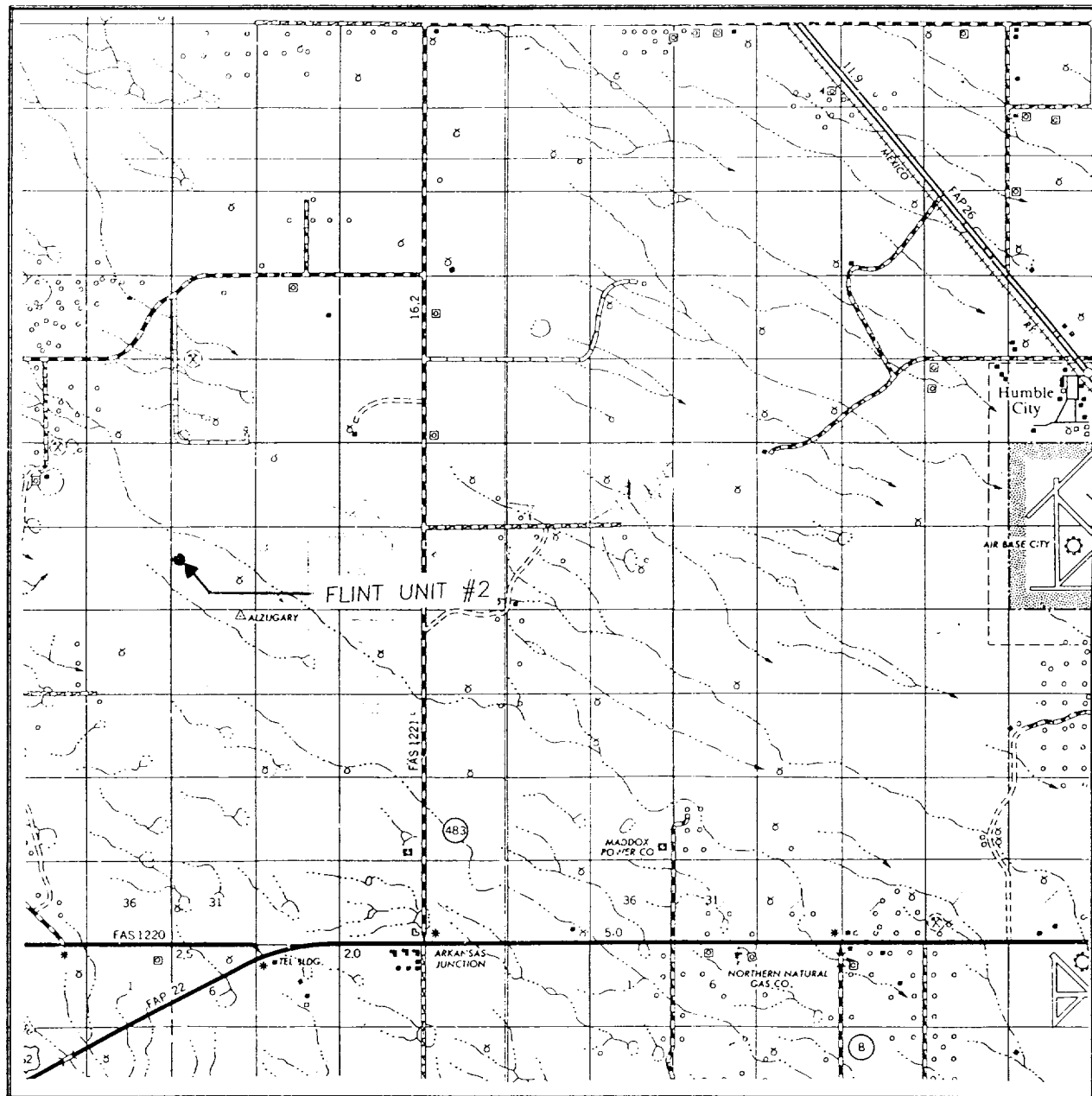
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40 37.05	Joint or Infill	Consolidation Code		Order No.					

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Bob Williams</u> Signature</p> <p><u>Bob Williams</u> Printed Name</p> <p><u>Drilling Superintendent</u> Title</p> <p><u>May 29, 1996</u> Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p><u>MAY 28, 1996</u> Date Surveyed</p> <p><u>Ronald J. Edson</u> Signature & Seal of Professional Surveyor</p> <p><u>5-28-96</u> 06-11-0618</p> <p>Certificate No. <u>JOHN W. WEST</u> 646 <u>RONALD J. EDSON</u> 3234 <u>GARY EDSON</u> 12641</p>
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Received
Hobbs
OCD

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 7 TWP. 18-S RGE. 36-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 2310' FNL & 330' FWL
 ELEVATION 3875
 OPERATOR HARVEY E. YATES CO.
 LEASE FLINT UNIT

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117



CONTOUR INTERVAL:
LOVINGTON SW - 5'

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

DESCRIPTION 2310' FNL & 330' FWL

ELEVATION 3875

OPERATOR HARVEY E. YATES CO.

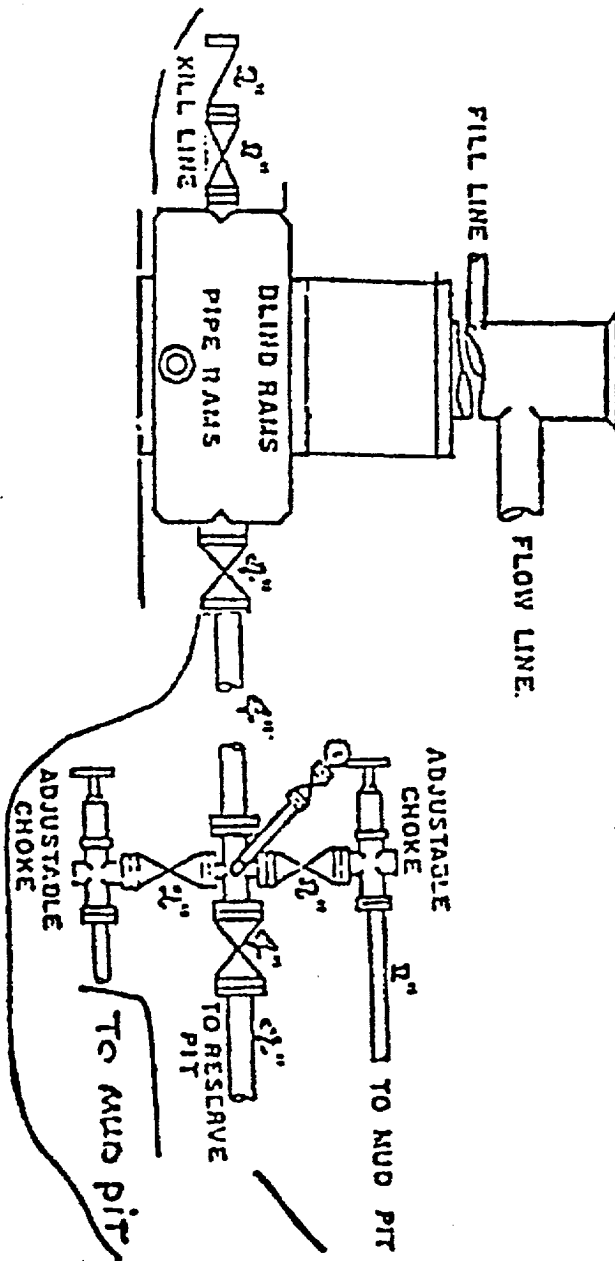
LEASE FLINT UNIT

U.S.G.S. TOPOGRAPHIC MAP

LOVINGTON SW, N.M.

EXHIBIT "C"

Harvey E. Yates Company
Flint Unit #2
Sec. 7, T18S, R36E
2310' FNL & 330' FWL
Lea County, New Mexico



900 Series
(3000 psi rated)