

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

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

State Lease-6 Copies
Fee Lease-6Copies

☐ AMENDED REPORT

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

Operator Name and Address Harvey E. Yates Company, Inc. P.O. Box 1933 Roswell, N.M. 88202		OGRID Number 040173 -10186 API Number 30-025-34190
Property Code 22067	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 CHRIS WILLIAMS
Title: DISTRICT I SUPERVISOR

Approval Date: 11/12/97 Expiration Date:

Conditions of Approval:

Attached

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., Artec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 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 30025-34190	Pool Code	Pool Name Wildcat
Property Code 22067	Property Name FLINT UNIT	Well Number 4
OGRID No. 10186	Operator Name HARVEY E. YATES COMPANY, Inc	Elevation 3847

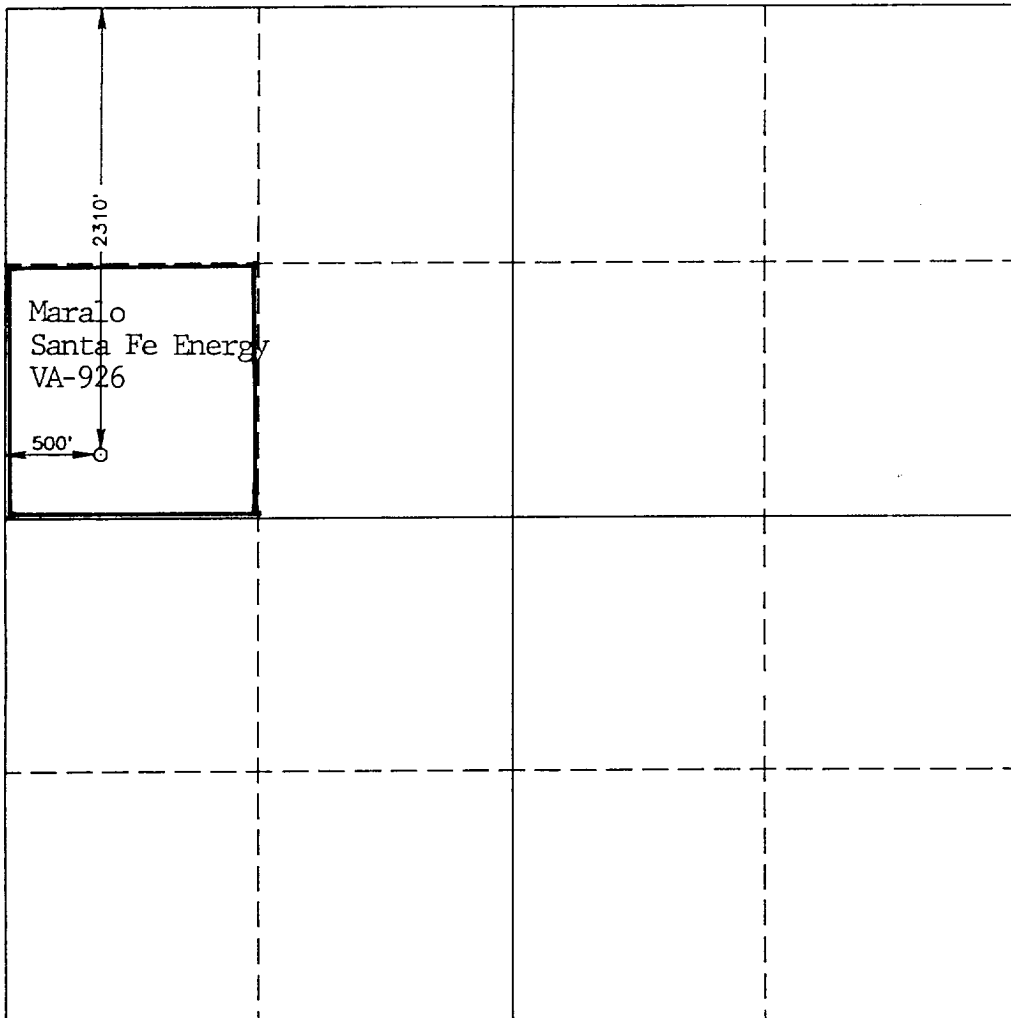
Surface Location

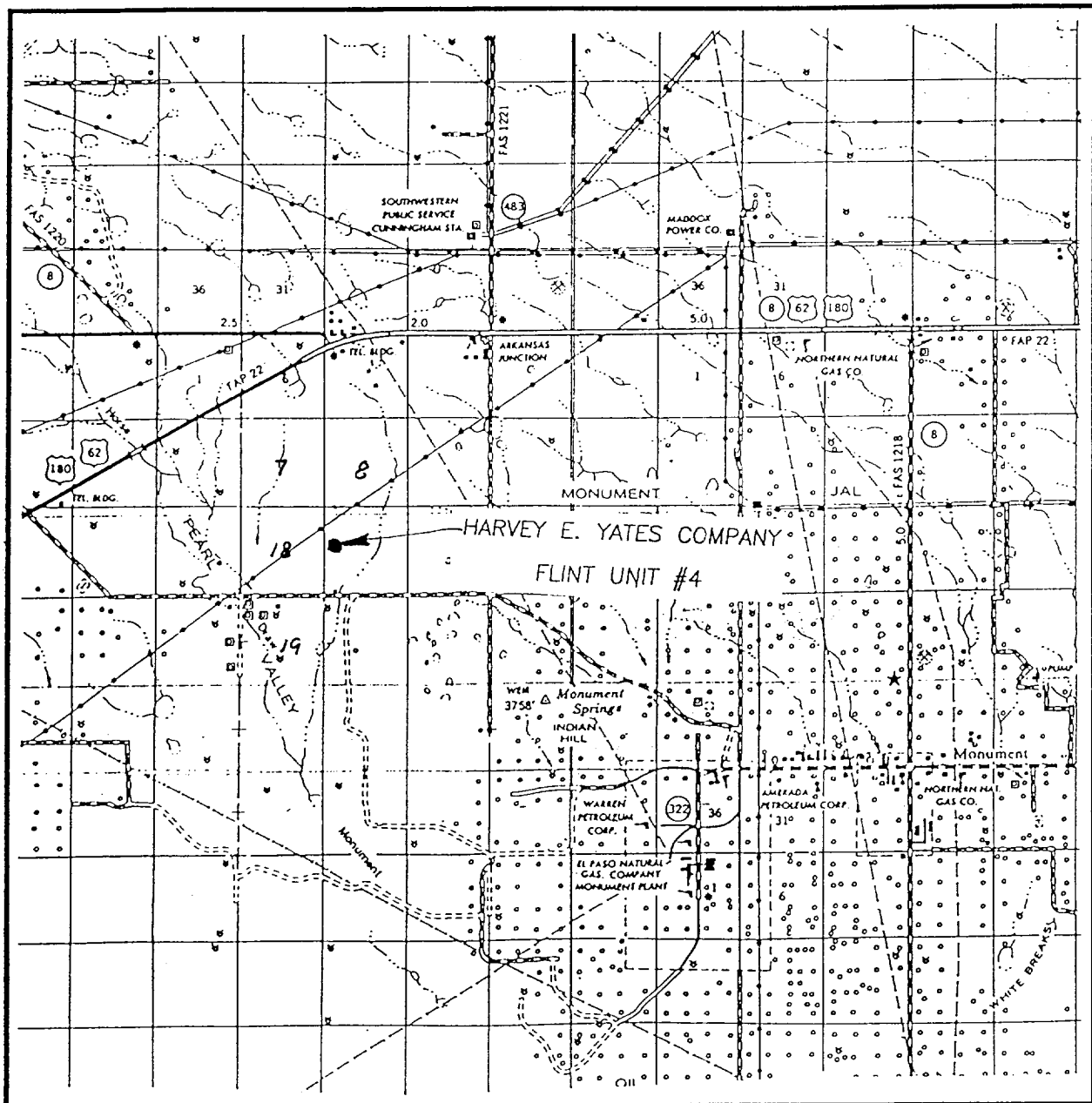
UL or lot No. E	Section 17	Township 18 S	Range 36 E	Lot Idn	Feet from the 2310	North/South line NORTH	Feet from the 500	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

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	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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Bob Williams Signature BOB WILLIAMS Printed Name DRLE SUPT Title 11-10-97 Date SURVEYOR CERTIFICATION 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. NOVEMBER 6, 1997 Date Surveyed Signature R. J. Eidson Professional Surveyor W.O. Num. 97-1839 Certificate No. RONALD J. EIDSON, 3239 RONALD J. EIDSON, 12641 WAGON McDONALD, 12185
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SEC. 17 TWP. 18-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY _____ LEA _____

DESCRIPTION 2310 FNL & 500' FWL

ELEVATION 3847'

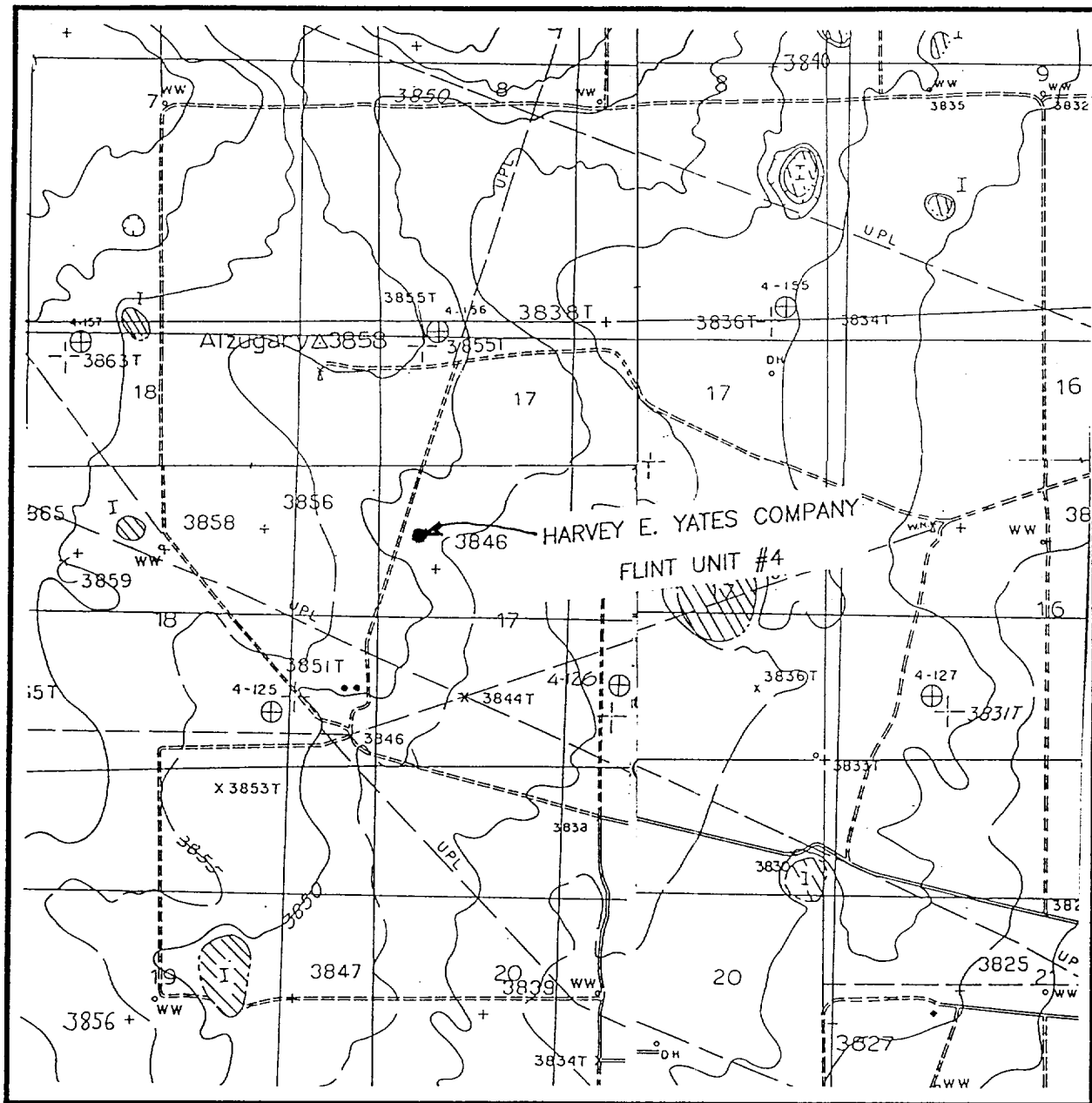
OPERATOR HARVEY E. YATES COMPANY

LEASE _____ FLINT UNIT _____

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO

(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 5'

CONTOUR INTERVAL - 10'

SEC. 17 TWP. 18-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2310 FNL & 500' FWL

ELEVATION 3847'

OPERATOR HARVEY E. YATES COMPANY

LEASE FLINT UNIT

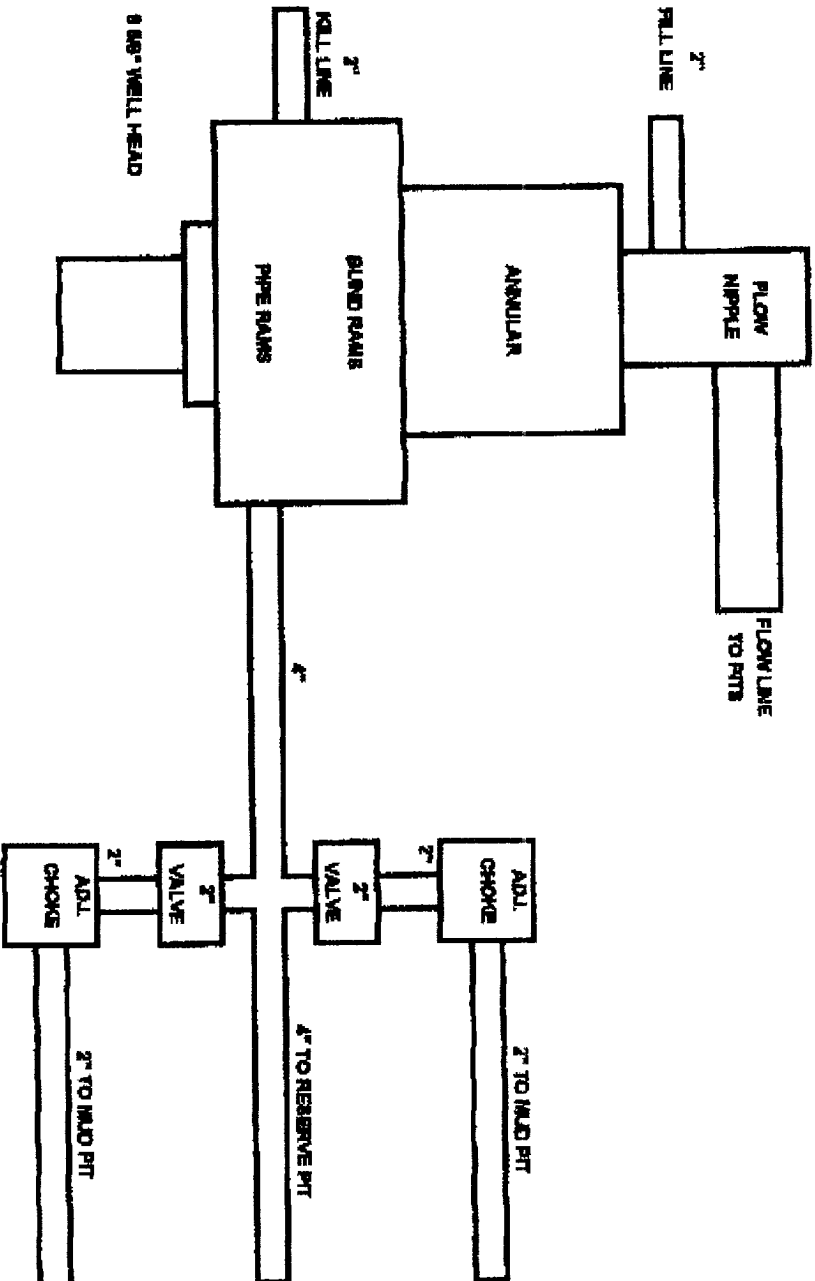
JOHN WEST ENGINEERING
HOBBS, NEW MEXICO

(505) 393-3117

U.S.G.S. TOPOGRAPHIC MAP

LOVINGTON SE, LOVINGTON SW, IRONHOUSE DRAW, & MONUMENT N, N.M.

EXHIBIT C BOP STACK
900 SERIES
RATED @ 3,000 PSI



Harvey E. Yates Company
 Plant Unit #4
 Sec. 17, T18S, R36E
 2310' FNL & 500' FHL
 Lea County, New Mexico