

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101
Revised February 10, 1997
Instructions on back
Submit to Appropriate District Office

District II
PO Drawer DD, Artesia, NM 88211-0719

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

State Lease-6 Copies

Fee Lease-5 Copies

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

☐ AMENDED REPORT

District IV
PO Box 2088, Santa Fe, NM 87504-2088

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 10179 |
| | | API Number 30-025-34392 |
| Property Code 23243 | Property Name FONTAINE 28 STATE COM | WELL NO. 1 |

Surface Location

| UL or Lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N | 28 | T-18S | R-34E | | 1200 | SOUTH | 1650 | 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 | | | | | Proposed Pool 2 | | | | |
| LA RICA MORROW | | | | | | | | | |

| Work Type Code | Well Type Code | Cable/Rotary | Lease Type Code | Ground Level Elevation |
|----------------|----------------|---------------|-------------------|------------------------|
| N | G | ROTARY | S | 4027 |
| Multiple | Proposed Depth | Formation | Contractor | Spud Date |
| N | 13,800 | MISSISSIPPIAN | PETERSON DRILLING | 15-May-98 |

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 | CIRC. TO SURFACE |
| 12 1/4" | 8 5/8" | 32# | 3,100' | 1200 | CIRC. TO SURFACE |
| 7 7/8" | 5 1/2" | 17 & 20# | 13,800' | 1200 | 600' ABOVE 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.

MUD PROGRAM

DEPTH TYPE OF MUD

0-400 FRESH WATER w/ PAPER & SHALE GUARD.
400-3100 BRINE WATER w/ PAPER & SHALE GUARD.
3100-10400 FRESH WATER w/ PAPER, SHALE GUARD, N03, 18-20,000 CHLORIDES, & SWEEPS AS NEEDED.
10400-13800 MUD UP WITH DRISPAK & BENTONITE GEL PRIOR TO WOLFCAMP

PRESSURE CONTROL EQUIPMENT

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

OTHER

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

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: 3-17-98

Phone: 505-623-6601

OIL CONSERVATION DIVISION

Approved by: BOB WILLIAMS

Title: SUPERVISOR

Approval Date: MAY 13 1998

Expiration Date:

Conditions of Approval:

Attached

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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------|---|------------------------------------|
| API Number 30-025-34392 | Pool Code 79800 | Pool Name La Rica Morrow |
| Property Code 23243 | Property Name FOUNTAIN 28 STATE COM. | Well Number 1 |
| OGRID No. 010179 | Operator Name HARVEY E. YATES COMPANY | Elevation 4027 |

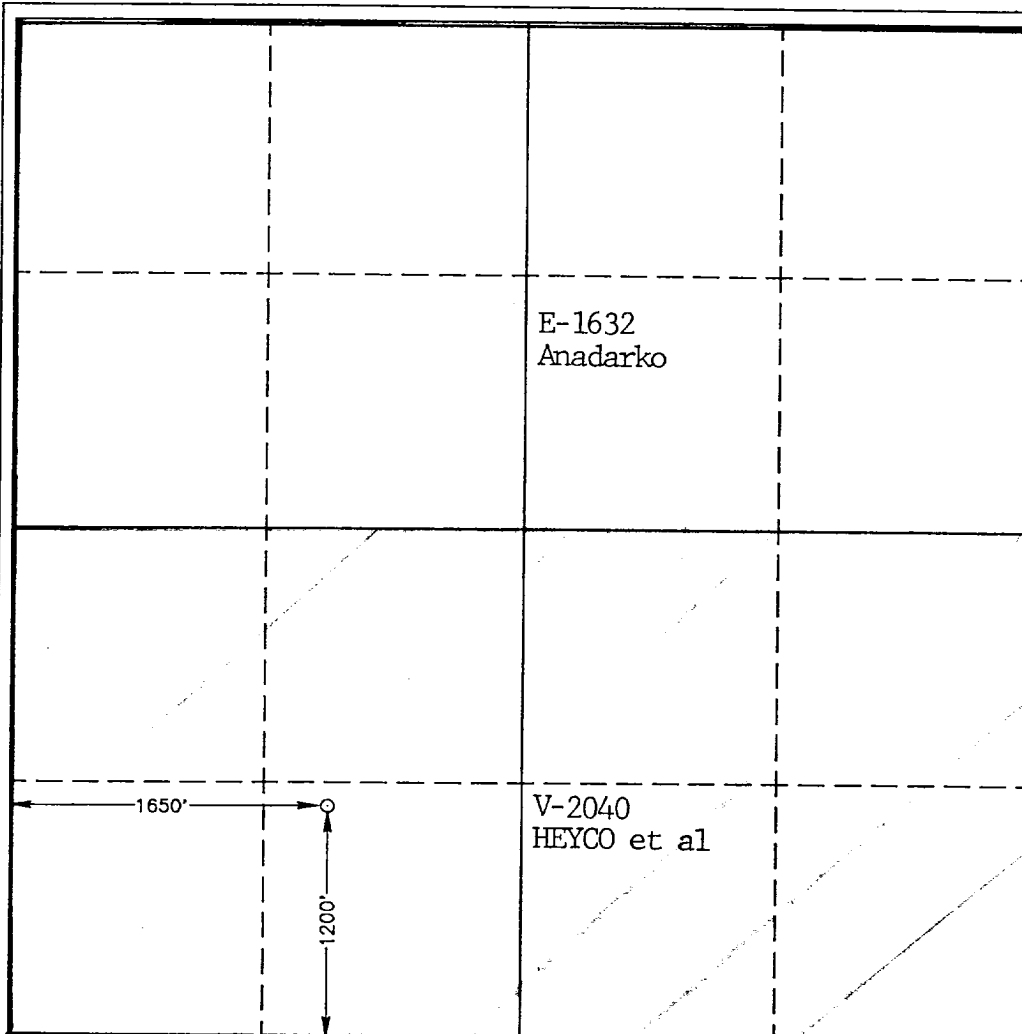
Surface Location

| | | | | | | | | | |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| N | 28 | 18 S | 34 E | | 1200 | SOUTH | 1650 | WEST | LEA |

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 640 | 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

Drilling Superintendent

Title

3/16/98

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.

MARCH 11, 1998

Date Surveyed

Signature & Seal of
Professional Surveyor

REYNOLD J. EIDSON

Num. 98-11-0432

Certificate

REYNOLD J. EIDSON, 3239

REYNOLD J. EIDSON, 12641

MACON McDONALD, 12185

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

FONTAINE 28 STATE COM #1
SEC 28. T18S, R34E
LEA COUNTY, NM

