

88240

SUBMIT IN LICATE (Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL [X] DEEPEN []
b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER []
2. NAME OF OPERATOR Harvey E. Yates Company
3. ADDRESS AND TELEPHONE NO. P.O. Box 1933, Roswell, N.M. 88202
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 100' FNL & 310' FWL UNORTHODOX LOCATION: Unit D
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 7 miles south of Maljamar, N.M.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 100'
16. NO. OF ACRES IN LEASE 80
17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330'
19. PROPOSED DEPTH 9100'
20. ROTARY OR CABLE TOOLS rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3844'
22. APPROX. DATE WORK WILL START* ASAP

5. LEASE DESIGNATION AND SERIAL NO. NM-14789-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Young Deep Unit
8. FARM OR LEASE NAME, WELL NO.
9. API WELL NO. #25
10. FIELD AND POOL, OR WILDCAT North Young Bone Spring
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T18S, R32E
12. COUNTY OR PARISH Lea
13. STATE N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM
Table with columns: SIZE OF HOLE, GRADE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes handwritten 'CIRCULATE' and '600' above pay'.

Mud Program:
0 - 400' FW w/paper; MW-9, Vis-31
400 - 3100' Brine Wtr; MW-10, Vis-31
3100 - 9100' FW mud; MW-8.6, Vis-29

OPER. OGRID NO. 10179
PROPERTY NO. 12933
POOL CODE 65-350
EFF. DATE 11/9/95
API NO. 32-123-33173

RECEIVED
OCT 12 11 15 AM 1995
NSL-3591

Subject to General Requirements and Special Stipulations Attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bob Williams Bob Williams TITLE Drlg Superintendent DATE 10/9/95

(This space for Federal or State office use)
PERMIT NO. APPROVAL DATE
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE ASSIST. MGR. DATE 11-6-95

*See Instructions On Reverse Side

2005
Received
Hubbs
DGD

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 32-025-33173	Pool Code G5350	Pool Name North Young Bone Spring
Property Code 12403	Property Name YOUNG DEEP UNIT	Well Number 25
OGRID No. 010179	Operator Name HARVEY E. YATES COMPANY	Elevation 3844

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	18 S	32 E		100	NORTH	310	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 40	Joint or Infill	Consolidation Code	Order No.
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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>Drlg Superintendent</u> Title</p> <p><u>10/9/95</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>SEPTEMBER 20, 1995</p> <p>Date Surveyed _____ SJA</p> <p>Signature & Seal of Professional Surveyor <u>Ronald J. Eidson</u> 9-27-95 W.O. No. 95-113424</p> <p>Certificate No. JOHN W. WEST 676 RONALD J. EIDSON 3239 GARY EIDSON 12641</p>	

Application
HARVEY E. YATES COMPANY
Young Deep Unit #25
Sec. 10, T18S, R32E
Lea County, New Mexico

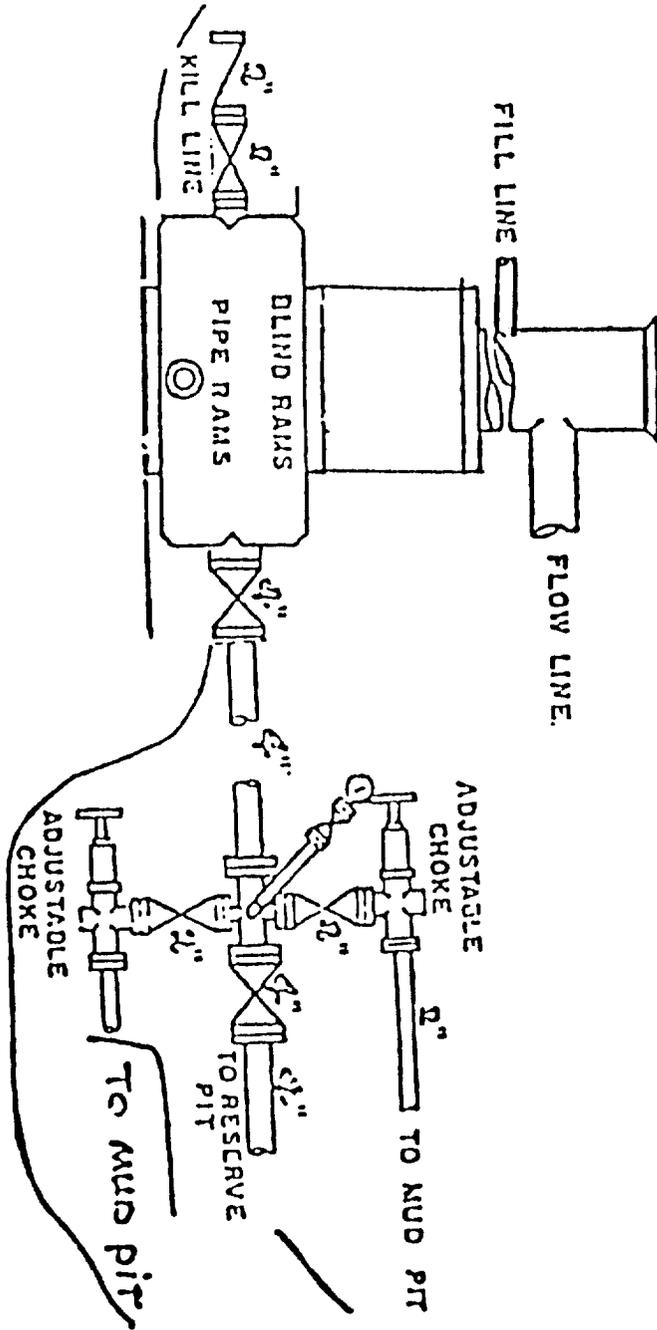
In conjunction with Form 3160-3, Application for Permit to Drill the Subject well in Section 10, Township 18 South, Range 32 East, Lea County, New Mexico, Harvey E. Yates Company submits the following twelve items of pertinent information in accordance with Bureau of Land Management requirements:

1. The geologic surface formation is quaternary alluvium and bolson deposits and other surficial deposits.
2. The estimated tops of geologic markers are as follow:

Rustler	1180'	Penrose	4145'
Yates	2650'	San Andres	4935'
7 Rivers	3100'	Delaware	5161'
Bowers	3600'	Bone Spring	6185'
Queen	3880'	TD	9100'
3. We do not anticipate finding water but have listed the formations in which we anticipate finding oil or gas.

Bone Springs, Delaware
4. Proposed casing program: See Form 3160-3. HEYCO will be using some used casing when applicable.
5. Pressure control equipment: See Exhibit C. Due to the density of wells in this area, we ask for variance on PVT's and alarm systems.
6. Mud program: See Form 3160-3.
7. Auxiliary equipment: Blowout preventer and HYDRIL.
8. Testing, logging and coring programs: One possible core to be taken in the Bone Spring. The planned logs are DLL-Micro w/GR & Caliper and CN-Den w/GR & Caliper.
9. No abnormal pressures, temperatures or hydrogen sulfide are anticipated during drilling or production phases of operations.
10. Anticipated bottom hole pressures at Bone Spring: 2500 psi
11. Anticipated starting date: As soon as possible.
12. Anticipated duration: Approximately 60 days

EXHIBIT C
Harvey E. Yates Company
Young Deep Unit #25
Sec. 10, T18S, R32E
Lea Co., N.M.



900 Series