

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-27547

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL DEEPEN PLUG BACK

2. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. NAME OF OPERATOR
Harvey E. Yates Company

4. ADDRESS OF OPERATOR
P. O. Box 1933, Roswell New Mexico 88201

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 660' FSL & 660' FWL'
At proposed prod. zone Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 6 1/2 miles south of Maljamar

7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest dirg. unit line, if any) 660'

8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'

9. ELEVATIONS (Show whether DF, NT, GR, etc.)
3853.6 GL

10. NO. OF ACRES IN LEASE 321.22
11. FEET-DEPT. LEPTD 9650'

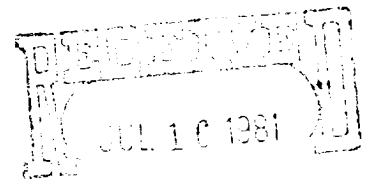
12. NO. OF ACRES ASSIGNED TO THIS WELL 40
13. ROTARY OR CABLE TOOLS Rotary

14. APPROX. DATE WORK WILL START*
8-17-81

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48# - 54#	650'	Circulate
11"	8 5/8"	24# - 28#	4650'	Circulate
7 7/8"	4 1/2"	11.6	9650	Sufficient to cover 600' above pay zone.

MUD PROGRAM: 0 - 650' Spud Mud
650' - 4650' Brine Water
4650' - 6150' Fresh Water
6150' - 9350' Salt base mud system



OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

15. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

16. SIGNED: *Paul J. Gardner* TITLE: Engineer DATE: 7/15/81
(This space for Federal or State office use)

17. PERMIT NO. APPROVAL DATE

18. APPROVED BY: *George H. Stewart* TITLE DATE: 8-13-81
CONDITIONS OF APPROVAL, IF ANY:

19-3-46

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OIL CONSERVATION DIV

N. MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Harvey E. Yates Company		Lease Young Deep Unit			Well No. 7
Map Letter M	Section 3	Township 18 S	Range 32 E	County Lea	
Actual Well Location of Well: 660 feet from the SOUTH line and 660 feet from the WEST line					
Ground Level Elev. 3853.6	Producing Formation Bone Spring		Pool N. Young Bone Spring	Dedicated Acreage 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

HEYCO - etal
 NM - 11118

660'

U. S. GEO. SURV.

CERTIFICATION

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

Peck Hardee

Name
Peck Hardee

Position
Engineer

Company
Harvey E. Yates Company

Date
July 15, 1981

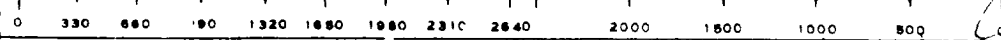
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
7-13-81

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 876**
PATRICK A. ROMERO 6863
Ronald J. Eidson 3239



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2-15-81
EJH