

NEW OIL CONDUIT PERMIT
Drawer DD
Artesia, NM 88200
SUBMIT IN TRIPLICATE*
See instructions on reverse side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-015-25740

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface
660' FEL & 1980' FNL

At proposed prod. zone 1930
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12 Miles S.E. of Loco Hills New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660

16. NO. OF ACRES IN LEASE

160

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.

1650

19. PROPOSED DEPTH

9200

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3755 GL

22. APPROX. DATE WORK WILL START*

As soon as possible

23.

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	54.5	350	Circl
11	8 5/8	24	2300	Circl
7 7/8	5 1/2	17	9200	600 ft. above pay

MUD PROGRAM:

0 - 350 Spud Mud
350 - 2300 Brine Water
2300 - 9200 FW & Sweeps

IN 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.

24.

SIGNED N.M. Young N.M. Young TITLE Drilling Superintendent DATE February 20, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CARLSBAD RESOURCE AREA

*See Instructions On Reverse Side

**NEW 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

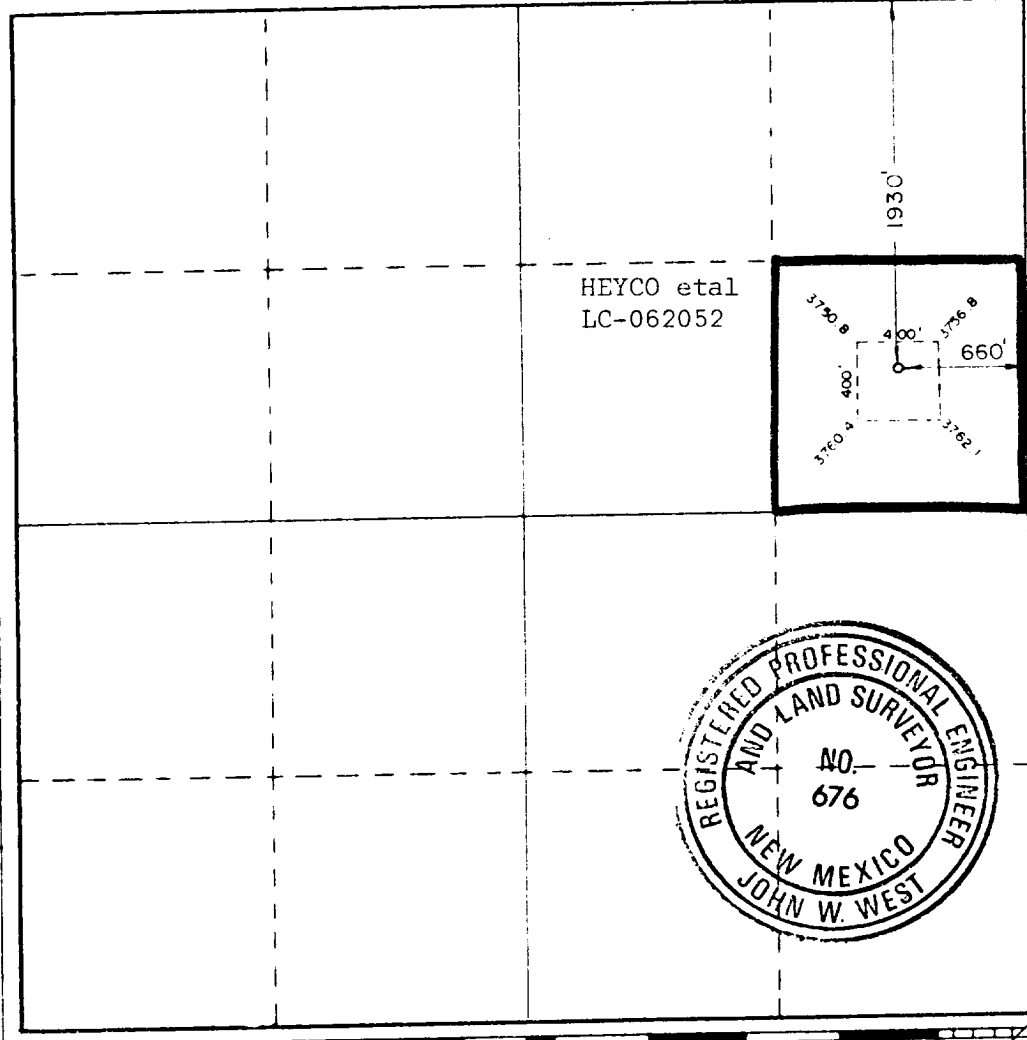
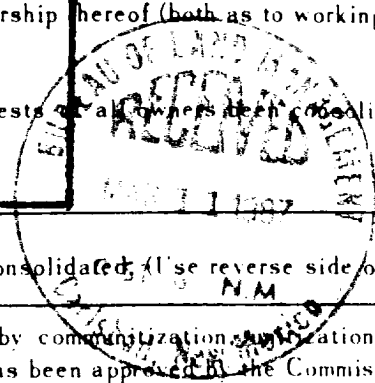
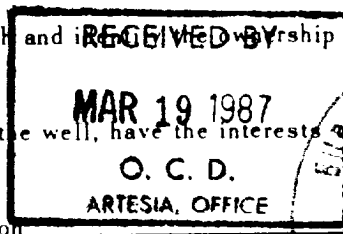
Operator HARVEY E. YATES COMPANY ✓			Lease HUDSON 11 FEDERAL		Well No. 2
Tract Letter H	Section 11	Township 18S	Range 31E	County EDDY	
Actual Well Location of Well: <div style="display: flex; justify-content: space-between;"> 1930 feet from the NORTH line and 660 feet from the EAST line </div>					
Ground Level Elev. 3755.0	Producing Formation Bone Springs		Pool Und Tamaqua BS Und Wildcat		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and indicate ownership thereof (both as to working interest and royalty).
- 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 _____

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.



CERTIFICATION

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

N.M. Young

Name
N.M. Young

Position
Drilling Superintendent

Company
Harvey E. Yates Co.

Date
3/10/87

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
JANUARY 28, 1987

Registered Professional Engineer and/or Land Surveyor

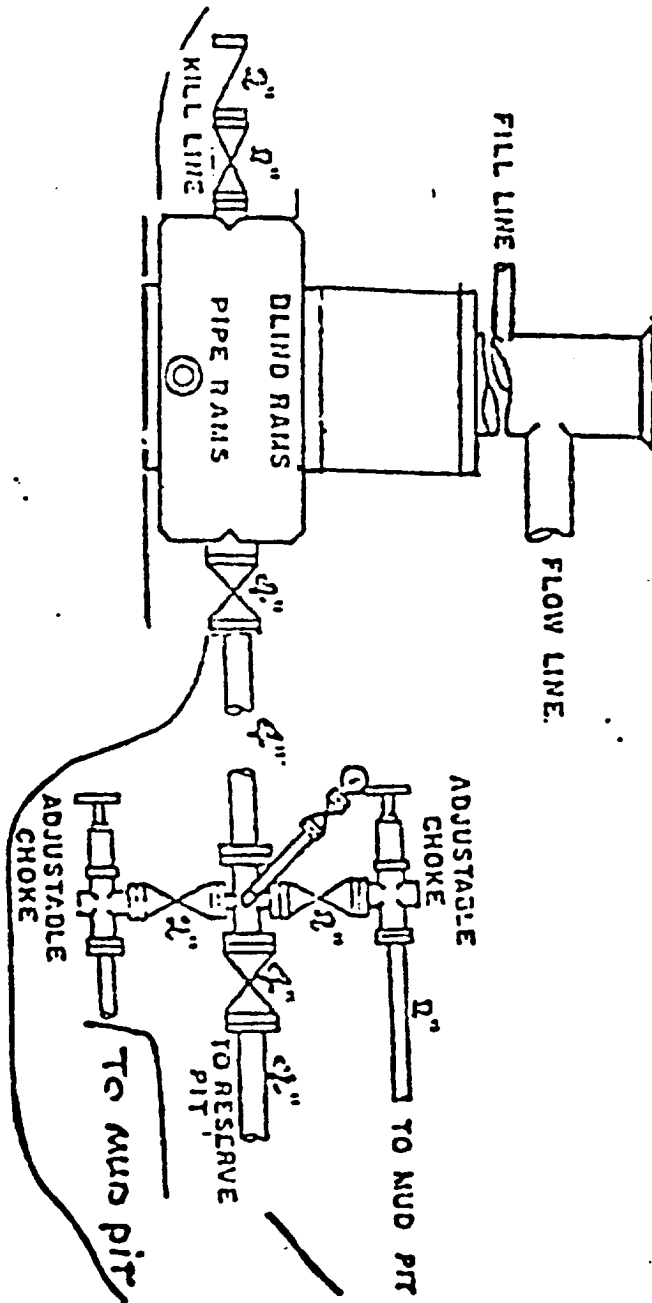
Ronald J. Eidson

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

41746

EXHIBIT C

Harvey E. Yates Co.
Hudson 11 Federal 2
Eddy Co., New Mexico



900 Series

Application

HARVEY E. YATES COMPANY
Hudson 11 Federal #2
Section 11, T-18S, R-31E
Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill the Subject well in Section 11, Township 18 South, Range 31 East, Eddy County, New Mexico, Harvey E. Yates Company submits the following ten 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 follows:

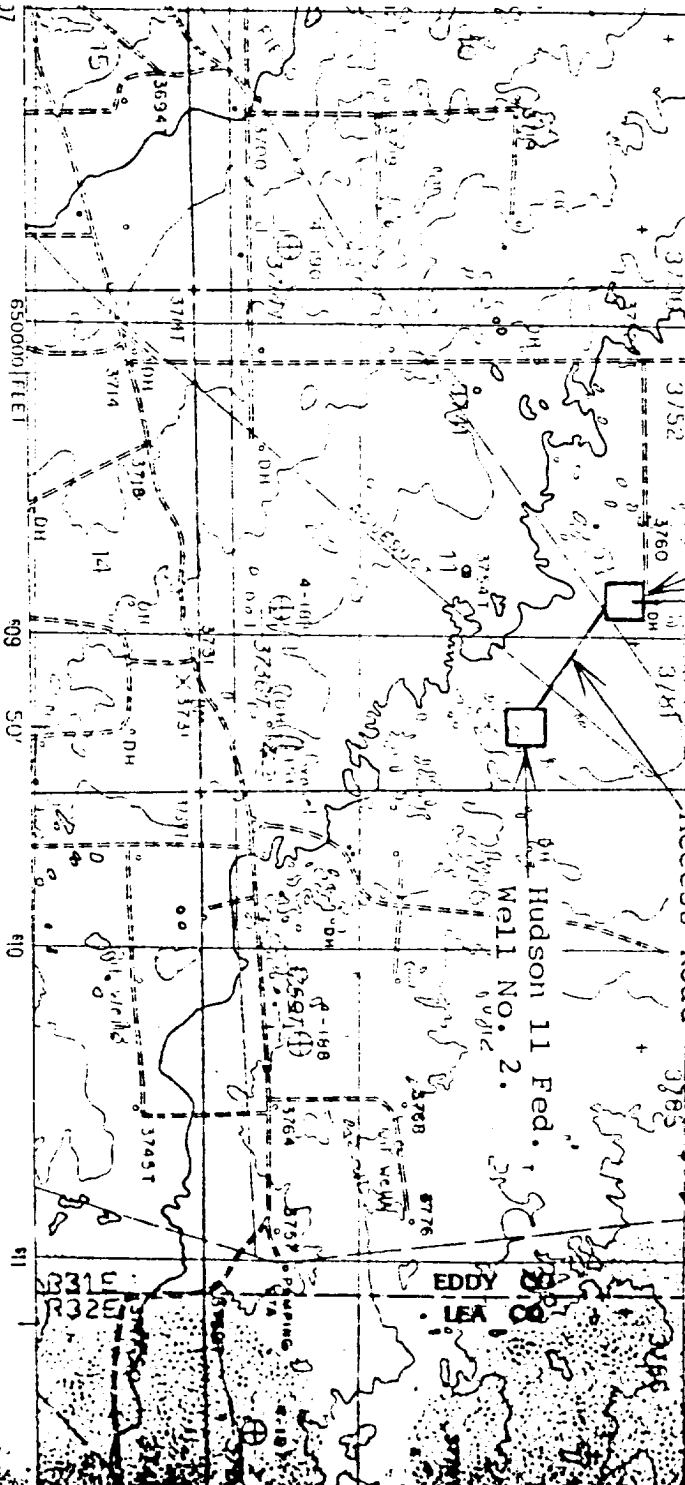
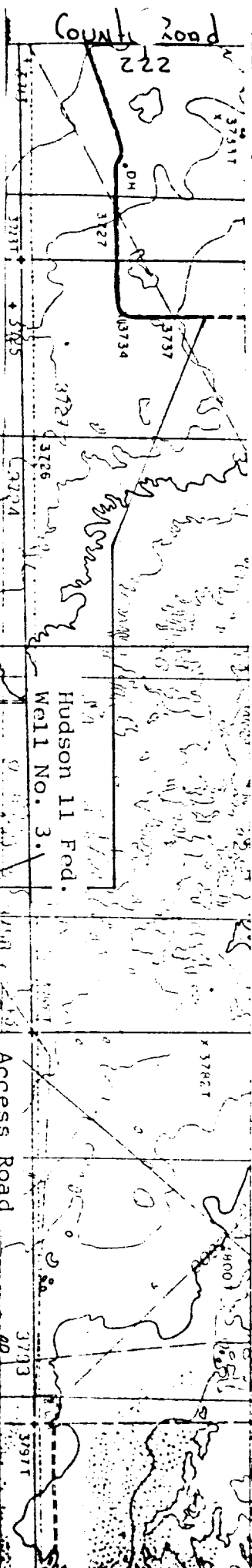
Rustler	820'	Penrose	3620'
Yates	2275'	Grayburg	3907'
Seven Rivers	2698'	San Andres	4252'
Bowers	3145'	Bone springs	5700'
Queen	3400'	TD	9200'
3. We do not anticipate finding water but have listed the formation in which we anticipate finding oil or gas.

Bone Springs 5700'
4. Proposed casing program: See Form 3160-3
5. Pressure control equipment: See Exhibit C.
6. Mud program: See Form 3160-3.
7. Auxiliary equipment: Blowout preventer
8. Testing, logging and coring programs: Two possible DST's both in the Bone Springs. We are not planning to do any coring. Planned logs are DLL-Micro w/GR & Caliper, CN-Den w/ GR & Caliper.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.

EXHIBIT A

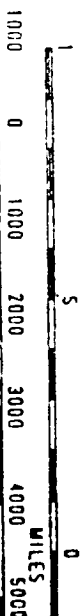
Harvey E. Yates Co.
Hudson 11 Federal #2
Eddy Co. , New Mexico

Map showing the location of the Harvey E. Yates Co., Hudson 11 Federal Well No. 2 and access road.
T18S, R31E, Section 11, Centre, SE/4NE/4 [1980 FNL, 660 FEL], Eddy County, New Mexico. Open squares
show locations of well pads; solid line shows location of access road. U.S.G.S. 7.5 minute series,
MALJAMAR, NEW MEXICO, 1985. ASC project: 87-55.



CAL SURVAY
NCR NOB/NOAA
1978
DATE MEASUREMENT
1985
ZONE 11
ICG EAST ZONE

NORTH



SCALE 1:24 000

EXHIBIT D

Harvey E. Yates Co.
Hudson 11 Federal 2
Eddy County, New Mexico

