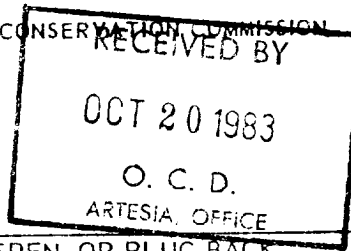


NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

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LAND OFFICE	☒
OPERATOR	☒



5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-8368

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

UNIT LETTER P LOCATED 660 FEET FROM THE South LINE

AND 660 FEET FROM THE East LINE OF SEC. 2 TWP. 18S RGE. 31E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Mesquito 2 State

9. Well No.

1

10. Field and Pool, or Wildcat

X Wildcat - Bone Spring

12. County

Eddy

19. Proposed Depth

8300'

19A. Formation

Bone Spring

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

3769' GR

21A. Kind & Status Plug. Bond

\$50,000 Blankey

21B. Drilling Contractor

Moranco

22. Approx. Date Work will start

November 1, 1983

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48 - 54	750	590	Circ
11	8 5/8	24 - 28	4200	1250	Circ
7 7/8	5 1/2	11.6	8300	520	Suff to cover 600' above payzor

Post ID-1
10-28-83
New Loc + API

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7-21-84
UNLESS DRILLING UNDERWAY

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Ray J. [Signature] Title Reservoir Engineer Date October 19, 1983

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE OCT 21 1983

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 1-1-75

All distances must be from the outer boundaries of the Section

Harvey E. Yates Co.		MESQUITO 2 STATE		1
P	2	18 SOUTH	31 EAST	EDDY

660 EAST 660 SOUTH
3769.0 Bone Springs Wildcat - 40

- Outline the acreage dedicated to the subject well by colored pencil or rubber stamp on the plat.
- If more than one lease is dedicated to the well, outline each and identify the ownership (ownership is to be shown, interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners 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 (on reverse side of this form if necessary) _____

No allocation 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.

Ray F. Nokes

Reservoir Engineer

Harvey E. Yates Company

October 19, 1983

I hereby certify that the well location shown on this plat was obtained 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.

SEPTEMBER 21, 1983

John W. West
Certification of John W. West

DRAWWORKS

Brewster N-75

Drum: 1¼" Lebus grooved

Compound: 2-engine oil bath chain drive

Brake: Hydromatic Parkersburg 40"

ENGINES

Two 610-H.P. D379TA Caterpillar Diesel.

DERRICK

Lee C. Moore, 131', 550,000 lb. nominal capacity.

SUBSTRUCTURE

Lee C. Moore, 14½' high, 550,000 lb. nominal capacity.

MUD PUMPS

Pump No. 1: Emsco DB700. 700 H.P. with steel fluid end. 4¾" - 7¾" liners, 16" stroke. Compound-driven.

Pump No. 2: NAT C-250, 350 H.P. Powered by D353 Caterpillar Diesel.

DRILL STRING

3000' 4½" Grade E, 20 lb.

Tool Joints: 4½" H-90, 6¼" OD, 11000' 4½" Grade E, 16.60 lb.

Tool Joints: 4" H-90, 6" OD

Thirty Drilco spiral-grooved 6½" OD, 2¼" ID. With 4" H-90 joints.

Other sized drillpipe & drillcollars available.

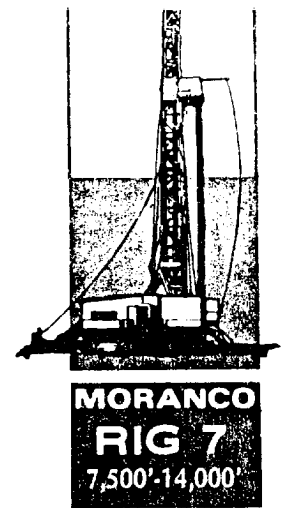
BLOWOUT PREVENTERS

One Shaffer LWS hydraulic double 10" x 1500 series. One Hydril 10" x 1500 series.

Choke manifold 4" x 1500 series flanged connections. Payne 4 valve accumulator closing unit.

MUD SYSTEM

3 - 30 x 7½ x 6 steel pits, with 700 Bbl. capacity. Complete low pressure circulating system, consisting of four submerged mud guns and two counter sunk jets in each pit. System utilizes a 6 x 8 centrifugal pump, powered by diesel.



MUD HOUSE

One - 8' x 30' Steel Storage House

COMMUNICATIONS

24-Hour direct telephone interconnection through Hobbs (A.C. 505-397-3291) or Midland - Odessa (A.C. 915-563-0562).

OTHER EQUIPMENT

BLOCKS -- Oilwell 350 Ton

HOOK -- BJ4300 350 Ton

SWIVEL -- NAT N69 350 Ton

LIGHT PLANTS -- One 40 KW and one 20 KW AC generators, powered by diesel engines.

LIGHTS -- AC fluorescent or mercury - All vapor proof.

SHALE SHAKER -- Link belt, single screen.

FRESH WATER STORAGE -- two 500 Bbl., horizontal tanks.

HOUSING -- 1 - 8' x 36' airconditioned trailer house, with sleeping and cooking facilities.

