

30-025-27885

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

Name of Operator
Harvey E. Yates Company

Address of Operator
P. O. Box 1933, Roswell, New Mexico 88210

Location of Well
UNIT LETTER EC LOCATED 660 FEET FROM THE North LINE

AND 1980 FEET FROM THE West LINE OF SEC. 35 TWP. 13S R. 35E N.M.P.M.

7. Unit Agreement Name
Duncan Unit

8. Farm or Lease Name

9. Well No.
3

10. Field and Pool, or Wildcat
Wildcat

11. County
Lea

12. County
Lea

13. Proposed Depth
13,900'

14. Formation
Miss

15. Rotary or C.T.
Rotary

16. Elevations (Show whether DE, RT, etc.)
4021' GR

17. Kind & Status Plug. Bond
Blanket

18. Drilling Contractor
Moranco

19. Approx. Date Work will start
Nov. 15, 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	360		Circ
11	8 5/8	24-32	4500		Circ
7 7/8	5 1/2	17-20	13900		Suff cmt to cover 600' above payzon

This acreage is not dedicated to a pipeline purchaser.

VOID

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5/15/84
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 PRODUCTION 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 Jerry Sexton Title Reservoir Engineer Date November 9, 1983

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

NOV 15 1983

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100
Supersedes O-100
Effective 1-1-85

All distances must be from the outer boundaries of the Section

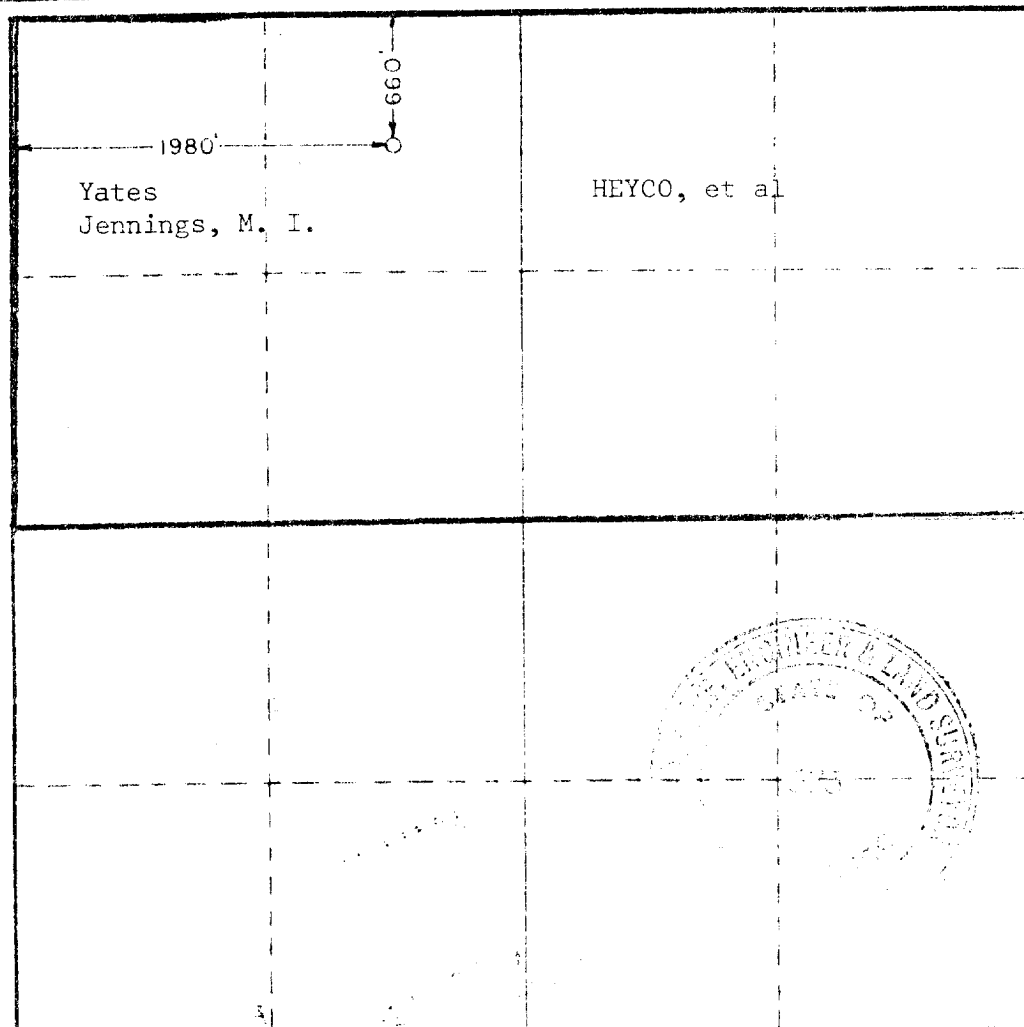
Operator Harvey E. Yates Co.		Lease Duncan		Section 3
Unit Letter C	Section 35	Township 13 South	Range 35 East	County Lea
Actual Location of Well: 660 feet from the North line and 1980 feet from the West line				
Ground Level Elev. 4021.0	Producing Formation Atoka - Miss	Pool Wildcat	Section of 1/4 Section 320	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



CERTIFICATION

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

Peck Hardee

Peck Hardee

Engineer

Harvey E. Yates Company

July 7, 1982

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.

7/2/82

John W. West
Certificate No. **JOHN W. WEST 578**
PATRICK A. ROMERO 6553
Ronald J. Eidson 3235

DRAWWORKS

Brewster N-75

Drum: 1 1/4" 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, 14 1/2' high, 550,000 lb. nominal capacity.

MUD PUMPS

Pump No. 1: Emsco DB700. 700 H.P. with steel fluid end. 4 3/4" - 7 3/4" liners, 16" stroke. Compound-driven.

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

DRILL STRING

3000' 4 1/2" Grade E, 20 lb.

Tool Joints: 4 1/2" H-90, 6 1/4" OD,

11000' 4 1/2" Grade E, 16.60 lb.

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

Thirty Drilco spiral-grooved 6 1/2" OD, 2 1/4" ID.

With 4" H-90 Joints.

Other sized drillpipe & drillcollars available.

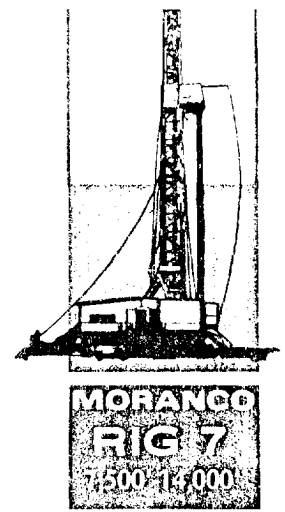
BLOWOUT PREVENTERS

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 7 1/2 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.

