

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-025-27885
Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
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 88201

Location of Well

UNIT LETTER PC LOCATED 660 FEET FROM THE North LINE
1980 FEET FROM THE West LINE OF SEC. 35 TWP. 13S RGE. 35E NMPM

7. Unit Agreement Name

Duncan Unit

8. Farm or Lease Name

9. Well No.

3

10. Field and Pool, or Wildcat
Wildcat

12. County
Lea

Elevations (Show whether DF, RT, etc.)

4021.0'

21A. Kind & Status Plug. Bond

Blanket

19. Proposed Depth

13,900'

19A. Formation

~~Atoka~~ - Miss

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Moranco

22. Approx. Date Work will start

August 8, 1982

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 payzone.

This acreage is not dedicated to a pipeline purchaser.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1/8/83
UNLESS DRILLING UNDERWAY

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 Paul J. Sander Title Engineer Date July 6, 1982

(This space for State Use)

ORIGINAL SIGNED BY

PROVED BY JERRY SEXTON TITLE DATE JUL 8 1982

CONDITIONS OF APPROVAL, IF ANY, DISTRICT 1 SUPR.

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.

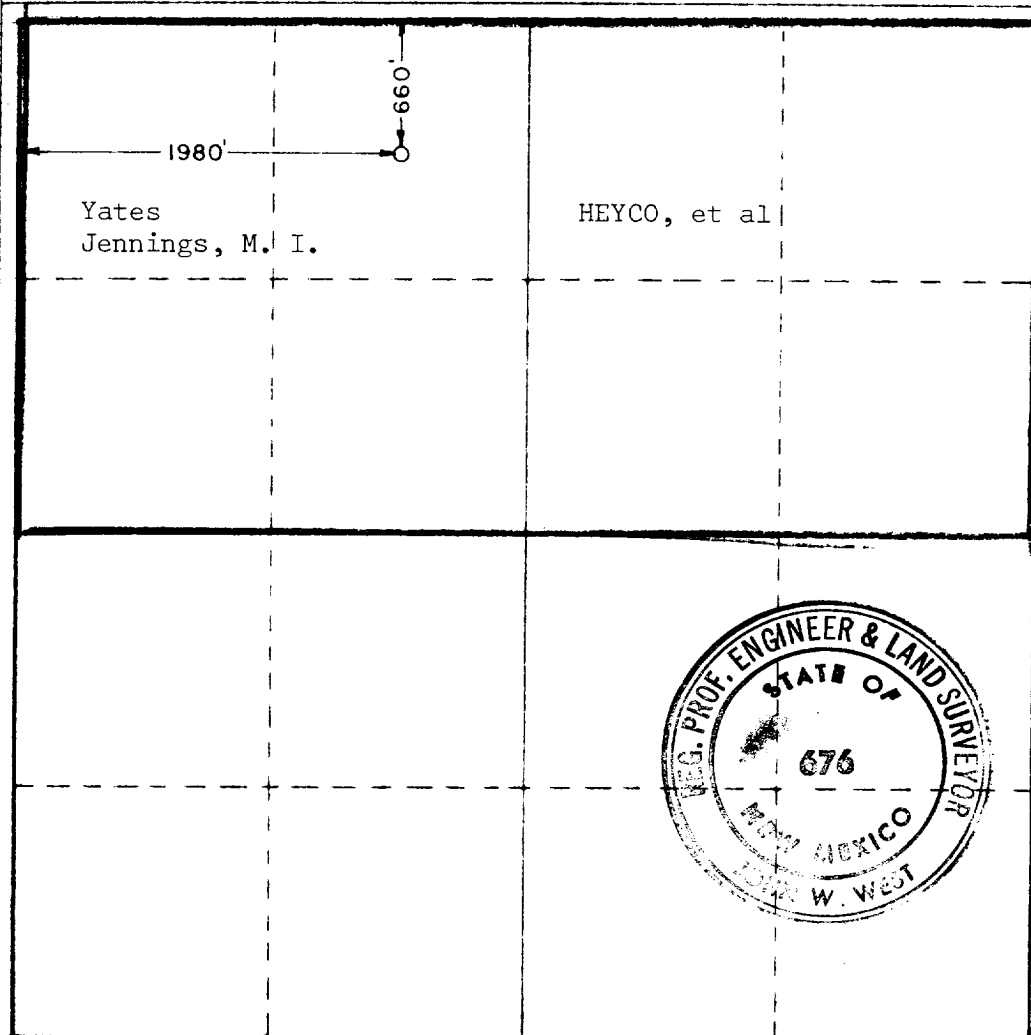
Operator Harvey E. Yates Co.		Lease Duncan		Well No. 3
Unit Letter C	Section 35	Township 13 South	Range 35 East	County Lea
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line				
Ground Level Elev. 4021.0	Producing Formation Atoka - Miss	Pool Wildcat	Dedicated Acreage: 320 Acres	

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

Name

Peck Hardee

Position

Engineer

Company

Harvey E. Yates Company

Date

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.

Date surveyed

7/2/82

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6868
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 800 0

DRAWWORKS

Brewster N-7-2W

Drum: 1-1/8" Lebus grooved

Compound: 2-engine oil bath chain drive

Brake: Hydromatic Parkersburg 40" Single

ENGINES

Two 410-H.P. D353TA Caterpillar Diesel.

DERRICK

Lee C. Moore, 127', 440,000 lb. nominal capacity.

SUBSTRUCTURE

Lee C. Moore, 10' high, 440,000 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: National C-250, powered by D353 Caterpillar diesel.

DRILL STRING

8400' - 4 1/2" Grade E, 16.60 lb.

3000' - 4 1/2" Grade E, 20 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

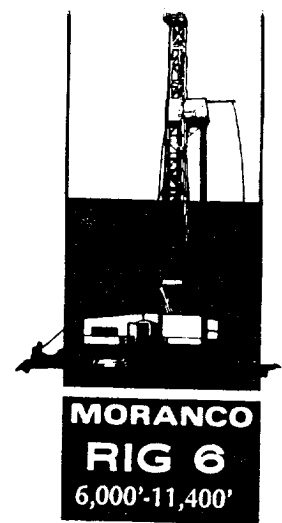
One Shaffer LWS hydraulic double 10" x 900 series. One Hydril 10" x 900 series.

Choke manifold 4" x 900 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 - McKissick 350 Ton

HOOK - BJ4300 350 Ton

SWIVEL - NAT N47 200 Ton

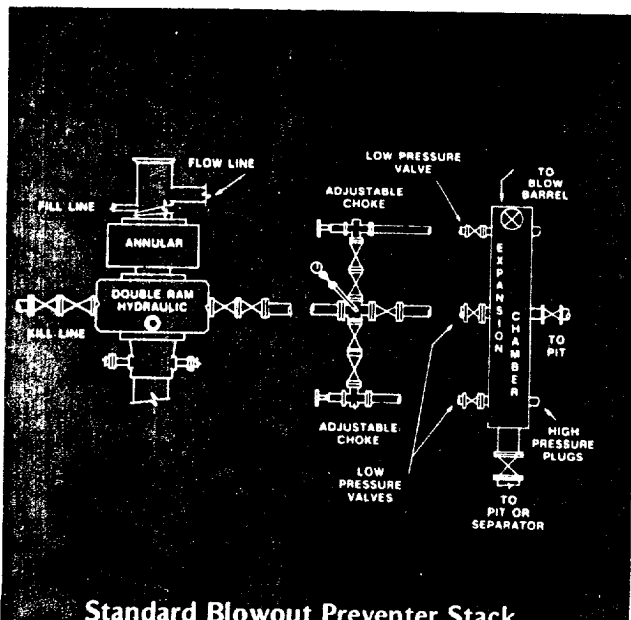
LIGHT PLANTS - Two 15 KW AC generators, powered by diesel engines.

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.



Standard Blowout Preventer Stack

