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U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

30-005-20858

Form O-101
Revised 1-1-66

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Form of Lease Name

Mescalero Sands

9. Well No.

1

10. Production Pool, or Will it

Wildcat (ND)

11. County

Chaves

11,200

Atoka-Miss

Rotary

4473.2 GL

\$50,000 Blanket

Moranco Rig 7

4/16/82

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well

WELL ☐ CUMULATIVE ☒ MULTIPLE ZONE ☐

1. Name of Operator

Harvey E. Yates Company

2. Address of Operator

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

3. Date of Proposal

H 1980 North

660 East 21 11S 31E

11,200

Atoka-Miss

Rotary

4473.2 GL

\$50,000 Blanket

Moranco Rig 7

4/16/82

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	380		Circ.
11	8 5/8	24 - 28	4350		Circ.
7 7/8	5 1/2	17 - 20	11200		Suff to cover 600' above payzone.

This acreage is not dedicated to a pipeline purchaser.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9/22/82
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.

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

Signed Chuck T. Hardee Title Engineer Date 3/17/82

(This space for State Use)

ORIGINAL SIGNED BY

JERRY SEXTON

APPROVED BY TITLE DATE MAR 22 1982

CONDITIONS OF APPROVAL DISTRICT 1 SUPR.

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U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

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.

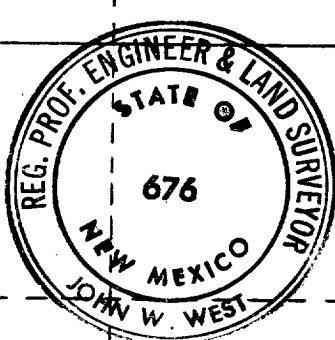
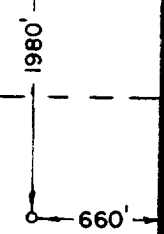
Operator Harvey E. Yates Company			Lease Mescalero Springs		Well No. 1
Unit Letter H	Section 21	Township 11S	Range 31E	County Chaves County	
Actual Footage Location of Well:					
1980 feet from the North line and		660 feet from the East line			
Ground Level Elev. 4473.2	Producing Formation Atoka - Miss	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 _____

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 	
		State of New Mexico	

CERTIFICATION

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

Peck Hardee

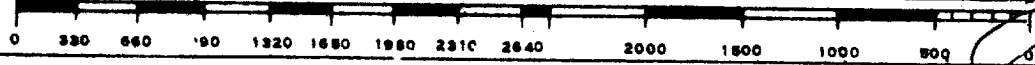
Name
Peck Hardee
Position
Engineer
Company
Harvey E. Yates Company
Date
March 18, 1982

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
01/15/82
Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 876**
PATRICK A. ROMERO 8883
Ronald J. Eldson 3239



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HOBBS OFFICE

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, 2½" ID. With 4" H-90 Joints.

Other sized drillpipe & drillcollars available.

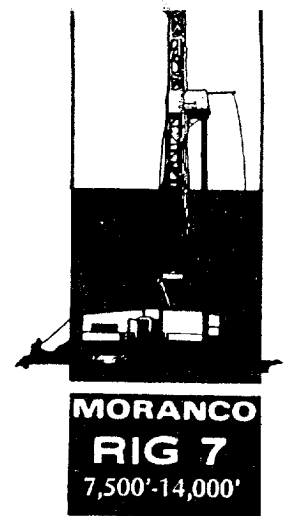
BLOWOUT PREVENTERS

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

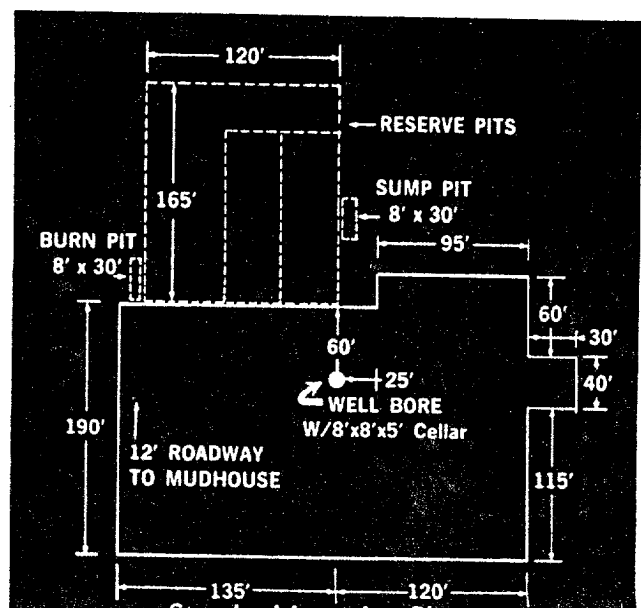
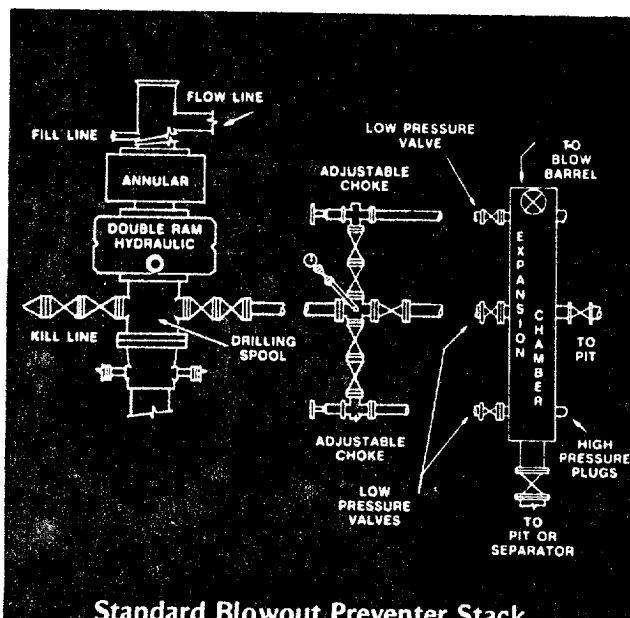
LIGHT PLANTS - One 40 KW and one 20 KW AC generators, powered by diesel engines.

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.



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ROBBS OFFICE**