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U.S.G.S.
LAND OFFICE
OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

JAN 9 1981

30-015-23637

Form 7-1
Revised 12-77

1. Well Name	2. Well Number
3. Well Type	4. Well Status
5. Well Depth	6. Well Location
7. Well Owner	8. Well Operator
9. Well Completion	10. Well Production
11. Well History	12. Well Remarks

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR REWORK			
1. Type of Work			
2. Type of Well			
3. Name of Operator			
4. Address of Operator			
5. Location of Well			
6. Well Depth			
7. Well Completion			
8. Well Production			
9. Well History			
10. Well Remarks			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	375'	Circulate	
11"	8 5/8"	24#-28#	3000'	Circulate	
7 7/8"	4 1/2"	10.5#-11.6#	10000'	Sufficient to cover 600' above pay zone	

PROPOSED CASING AND CEMENT PROGRAM			
1. Well Name		2. Well Number	
3. Well Type		4. Well Status	
5. Well Depth		6. Well Location	
7. Well Owner		8. Well Operator	
9. Well Completion		10. Well Production	
11. Well History		12. Well Remarks	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM AND PROPOSAL IN TO DEEPEN OR REWORK 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 Harvey E. Yates Title Vice President Date 1/22/81

(This space is for use by the operator)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 29 1981

CONDITIONS OF APPROVAL, IF ANY:

180 DAYS
PERMIT EXPIRES 7-29-81
UNLESS DRILLING UNDERWAY

**N. MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

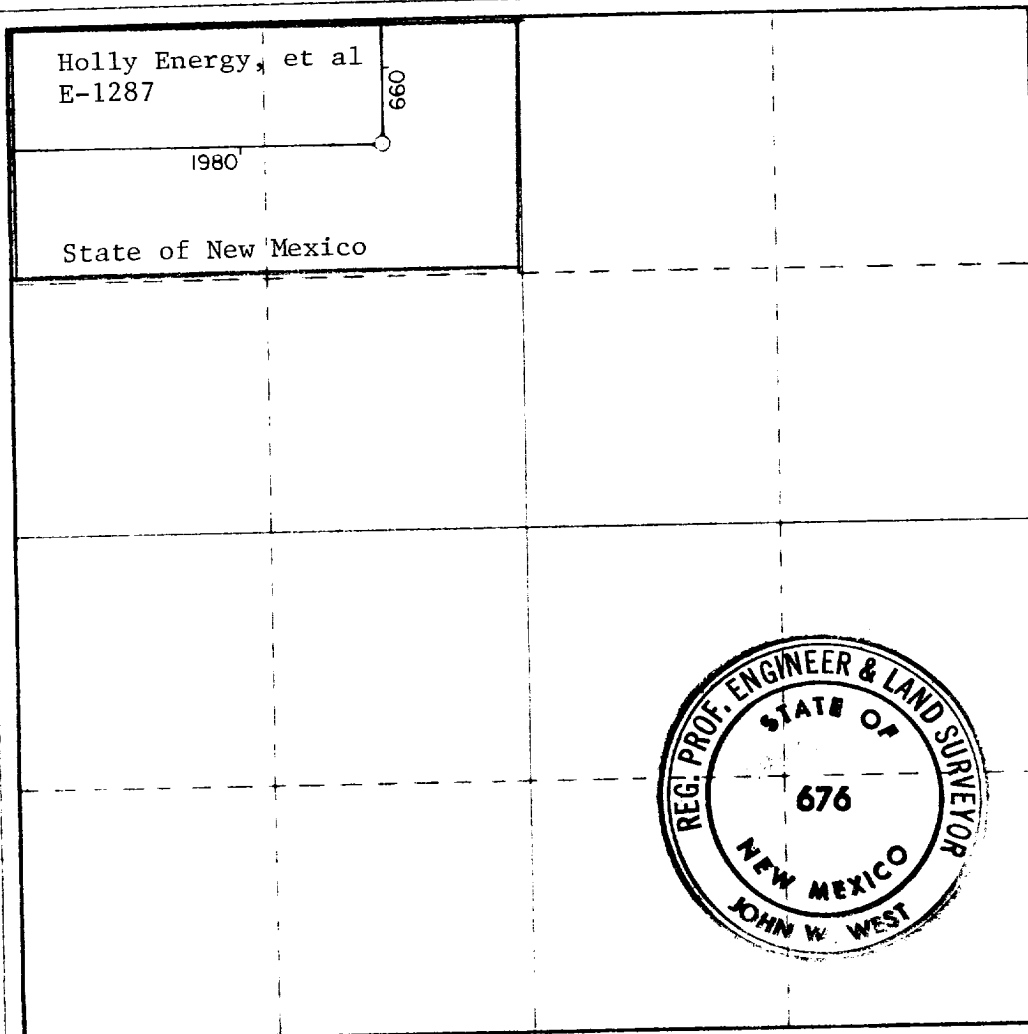
Operator HARVEY E. YATES CO.			Lease Travis 13 State		Well No. 2
Unit Letter C	Section 13	Township 18 South	Range 28 East	County Eddy County, New Mexico	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3616.8	Producing Formation Canyon		Pool Travis Upper Penn	Dedicated Acreage: 80 Acres	

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



CERTIFICATION

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

Fred G. Yates

Name
Fred G. Yates
Position
Vice President
Company
Harvey E. Yates Company

Date
January 22, 1981

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 14, 1981

Registered Professional Engineer
and Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6463
Ronald J. Eldon 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

DRAWWORKS

Emsco GB-800

Drum: 1½" Lebus grooved

Compound: 2-engine oil bath chain drive

Brake: Hydromatic Parkersburg 46" Double

ENGINES

Two 610-H.P. D379TA Caterpillar Diesel

DERRICK

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

SUBSTRUCTURE

Lee C. Moore, 15' high, 550,000 lb. nominal capacity

MUD PUMPS

Pump No. 1: Emsco DB700, 700 H.P. with steel fluid end, 4¼" – 7¼" liners, 16" stroke. Compound-driven.

Pump No. 2: Emsco DA500, 500 H.P. powered by 400 H.P. D353 Caterpillar Diesel.

DRILL STRING

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

Tool Joints: 4½" H-90, 6¼" OD,

12000' 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.

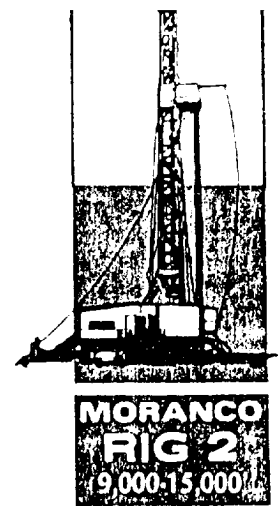
Other sized drillpipe & drillcollars available.

BLOWOUT PREVENTERS

One Shaffer LWS Hydraulic double 10" x 1500 series. One Shaffer Spherical 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 6x8 centrifugal pump, powered by diesel.



MUD HOUSE

1 – 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 – Oilwell PC 425 Ton

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

LIGHTS – AC fluorescent or mercury – All vapor proof.

SHALL 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.

