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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

30-015-23702

Form C-101
Revised 1-1-65

MAR 13 1981

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Havins QK
9. Well No. 1
10. Field and Pool, or Wildcat Und. San Andres
12. County Eddy
19. Proposed Depth approx. 1650'
19A. Formation San Andres
20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Artesia Fishing Tool
22. Approx. Date Work will start ASAP

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
2. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
3. Name of Operator Yates Petroleum Corporation ✓
4. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210
6. Location of Well UNIT LETTER <u>J</u> LOCATED <u>2170</u> FEET FROM THE <u>south</u> LINE <u>1650</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>30</u> TWP. <u>16S</u> RGE. <u>25E</u> NMPM
11. Elevations (Show whether DF, RT, etc.) 3403' GL

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	10 3/4"	32#	approx. 400'	370 sx.	circulate
9 1/2"	7"	20#	approx. 1250'	850 sx	circulate
6 1/4"	4 1/2"	9.5#	TD	250 sx	

Propose to drill and test the SA intermediate formations. Casing will be set at least 100' below the Artesian water zone, and a 4 1/2" production string will be set at TD, all casing will be circulated to the surface. Will perforate and stimulate as needed for production.

WID PROGRAM: F.W. gel to 1250, fresh water to TD.

BOP PROGRAM: BOP's will be installed on the 7" casing and tested, pipe rams tested daily for operational, blind rams on trips.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9-13-81
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 PRODUCTION. 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.

and Shirley Rook Title Geographer Date March 13, 1981

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR DISTRICT # DATE 3-13-81

CONDITIONS OF APPROVAL, IF ANY:

Casing to be circula
surface behind all casing

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 7" casing

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.

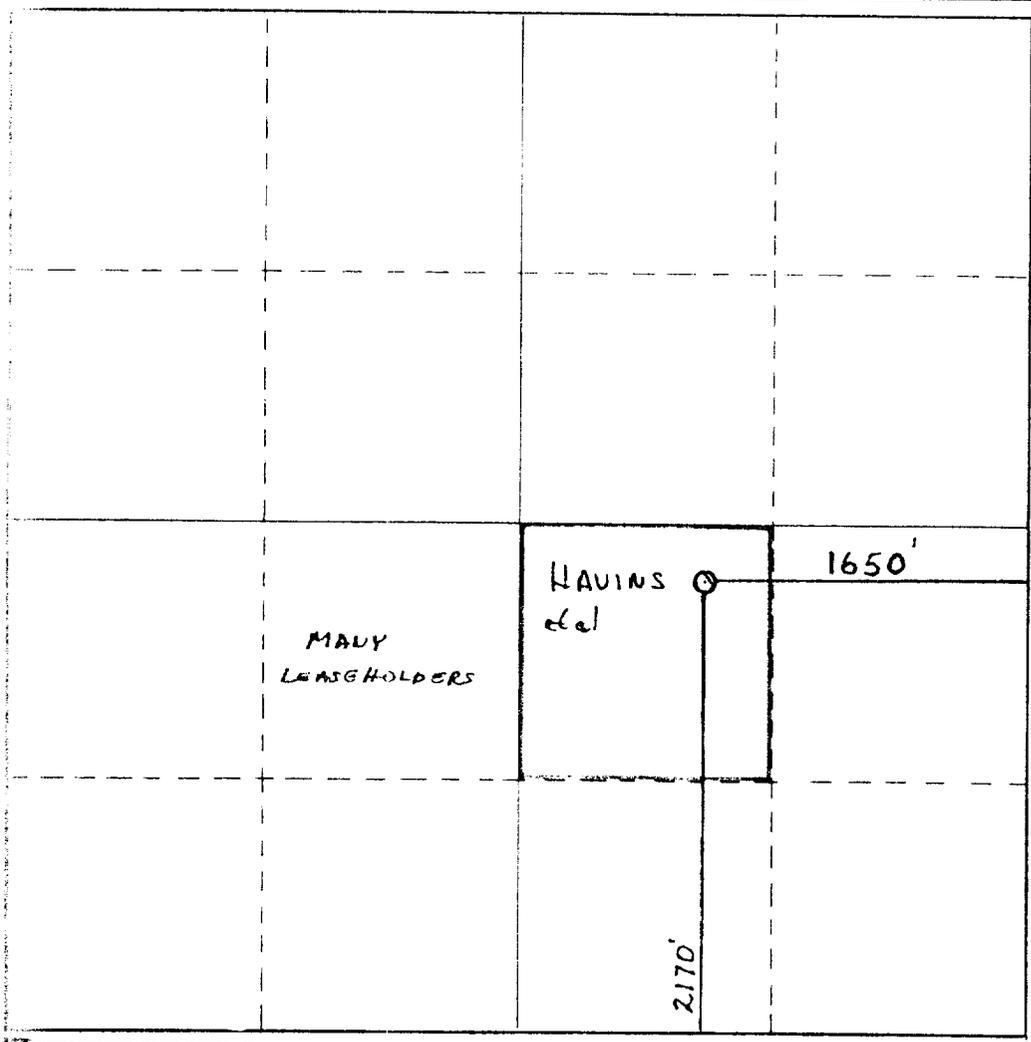
Operator Yates Petroleum Corporation			Lease Havins "OK"		Well No. 1
Map Letter J	Section 30	Township 16	Range 25	County Eddy	
Actual Footage Location of Well: 2170 feet from the South line and 1650 feet from the East line					
Ground Level Elev. 3403	Producing Formation SAN ANDES		Pool UNDES SAN ANDES		Dedicated Acreage: 40 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 **TO BE COMMUNITIZED**

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.

Gliserio Rodriguez
Name: **Gliserio Rodriguez**

Position: **Geographer**

Company: **Yates Petroleum Corporation**

Date: **March 13, 1981**

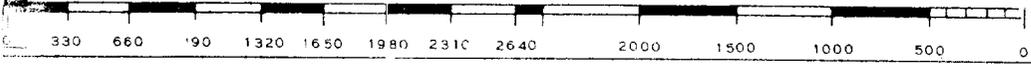
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

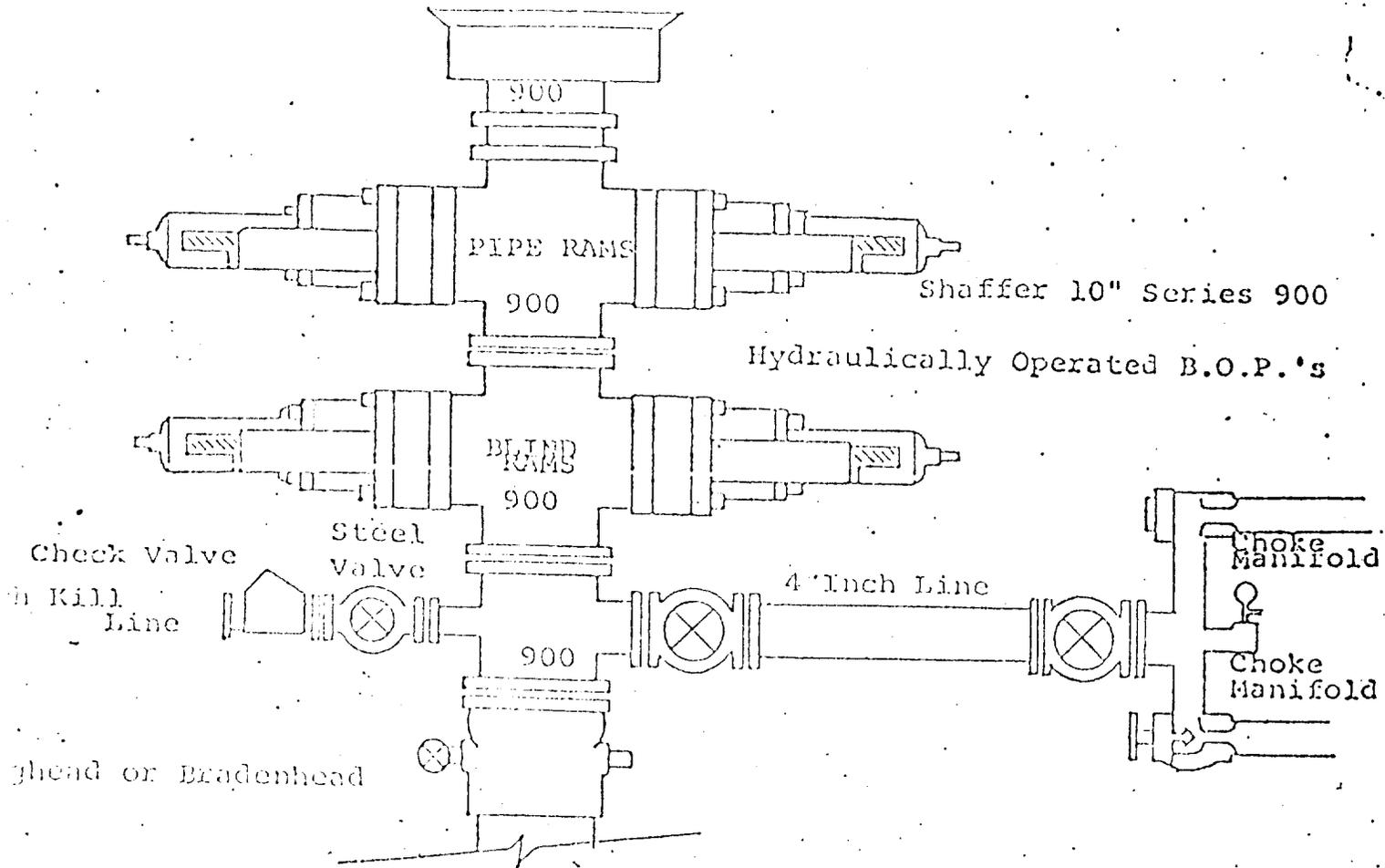
DAN R. REDDY
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
5412

Date Surveyed: **March 12, 1981**

Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy
Certificate No. **NM PE&LS #5412**





FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
- Choke outlet to be a minimum of 4" diameter.
- Kill line to be of all steel construction of 2" minimum diameter.
- All connections from operating manifolds to preventers to be all steel, pipe or tube a minimum of one inch in diameter.
- The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
- All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
- Inside blowout preventer to be available on rig floor.
- Operating controls located a safe distance from the rig floor.
- Well must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
- B.P. float must be installed and used below zone of first gas intrusion.