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NEW MEXICO OIL CONSERVATION COMMISSION

30-005-61284
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
N/A	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		N/A	
2. Name of Operator		8. Farm or Lease Name	
VIKING PETROLEUM, INC.		McDermott "Com"	
3. Address of Operator		9. Well No.	
1050 17th Street, Suite 1950, Denver, CO 80265		10. Field and Pool, or Wildcat	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>990'</u> FEET FROM THE <u>North</u> LINE AND <u>660'</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>30</u> TWP. <u>6S</u> RGE. <u>25E</u> NMPM		Undesignated ABO	
		12. County	
		Chaves	
		19. Proposed Depth	
		4200'	
		19A. Formation	
		ABO	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether D.F., R.T., etc.)		21A. Kind & Status Plug. Bond	
3774.0' GR		Current Blanket	
		21B. Drilling Contractor	
		3-D Drilling Co.	
		22. Approx. Date Work will start	
		December 20, 1981	

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-1/2"	10-3/4"	40.5#	900'	good returns to surface	
7-7/8"	4-1/2"	9.5#	4200'	500' above top of pay	

Proposed Program:

1. Drill 13-1/2' hole to 900'. Run 10-3/4" surface casing.
2. Drill 7-7/8' hole to 4200', checking B.O.P. daily.
3. Run tests and logs as needed.
4. Run 4-1/2" Production Casing if warranted.
5. Perforate and stimulate as needed.

In the event that circulation is lost while drilling the 7-7/8" hole and intermediate casing is needed, the hole will be reamed and 1500' of 7-5/8" intermediate casing will be set.

BOP Diagram Attached.
Gas is not dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-17-82
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.

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

Signed Nancy Stozelle Title AGENT Date 12/10/81
NANCY STOZZELLE, JACK GRYNBERG AND ASSOCIATES
(This space for State Use)

APPROVED BY M. Williams TITLE OIL AND GAS INSPECTOR DATE DEC 17 1981
CONDITIONS OF APPROVAL, IF ANY: If 7 7/8" Csg run tie cmt back to surface csg

Posted ID-1
API # NL Book
12-18-81

MEXICO OIL CONSERVATION OF THE
WELL LOCATION AND ACREAGE DEDICATED PLAT

All distances must be given in whole numbers of feet.

Owner Viking Petroleum Inc.		McDERMOTT 30		Com "Com"	1
Unit Letter A	Section 30	Township 6-S	Range 25-E	County Chaves	
Actual Footage Location of Well:					
990	feet from the	NORTH	line and	660	feet from the
					EAST
Ground Level Elev. 3774.0'	Producing Formation Abo		Foot Undesignated Abo	Dedicated Acreage: 160	

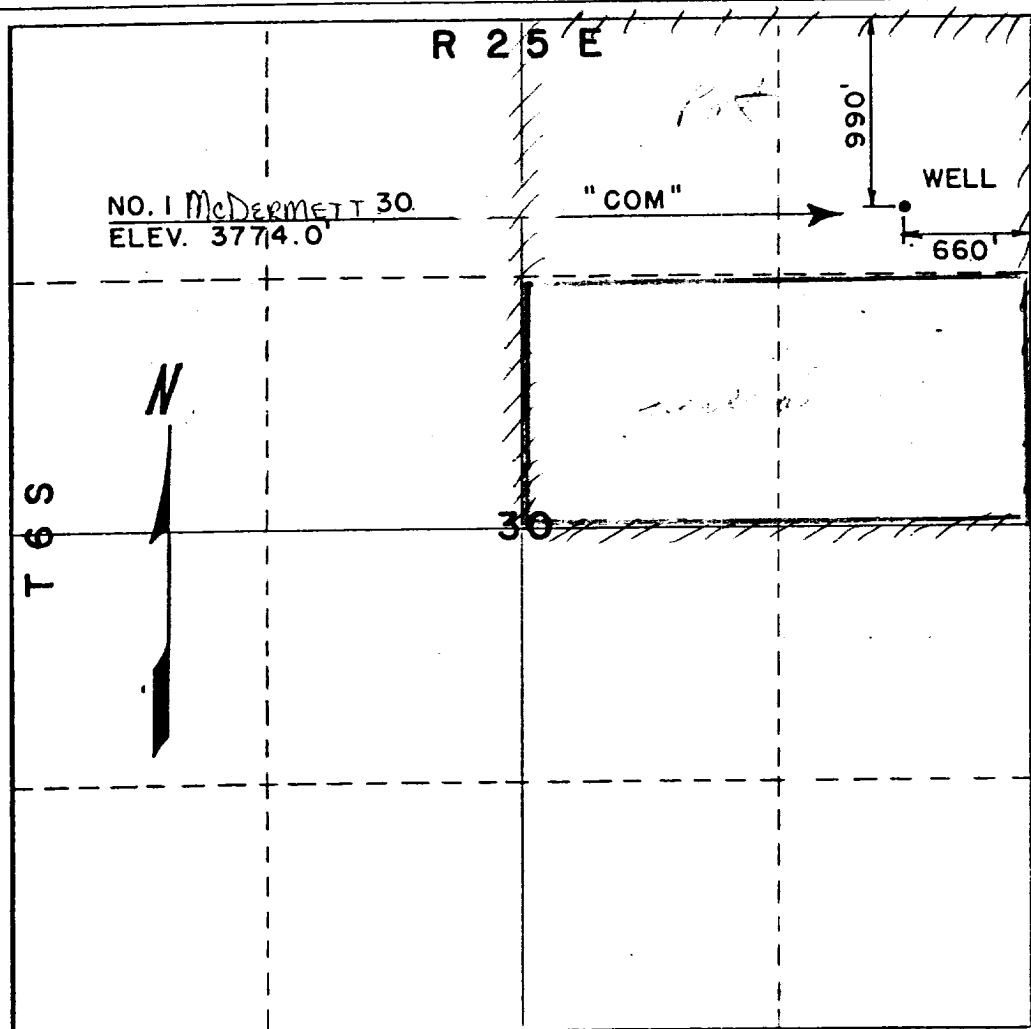
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

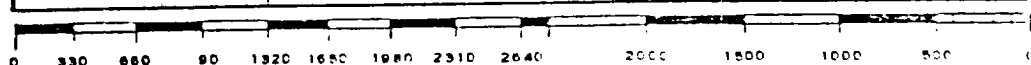
Name Nancy Stoltz
 Position Agent
 Company Viking Petroleum Inc
 Date 12-10-81

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.

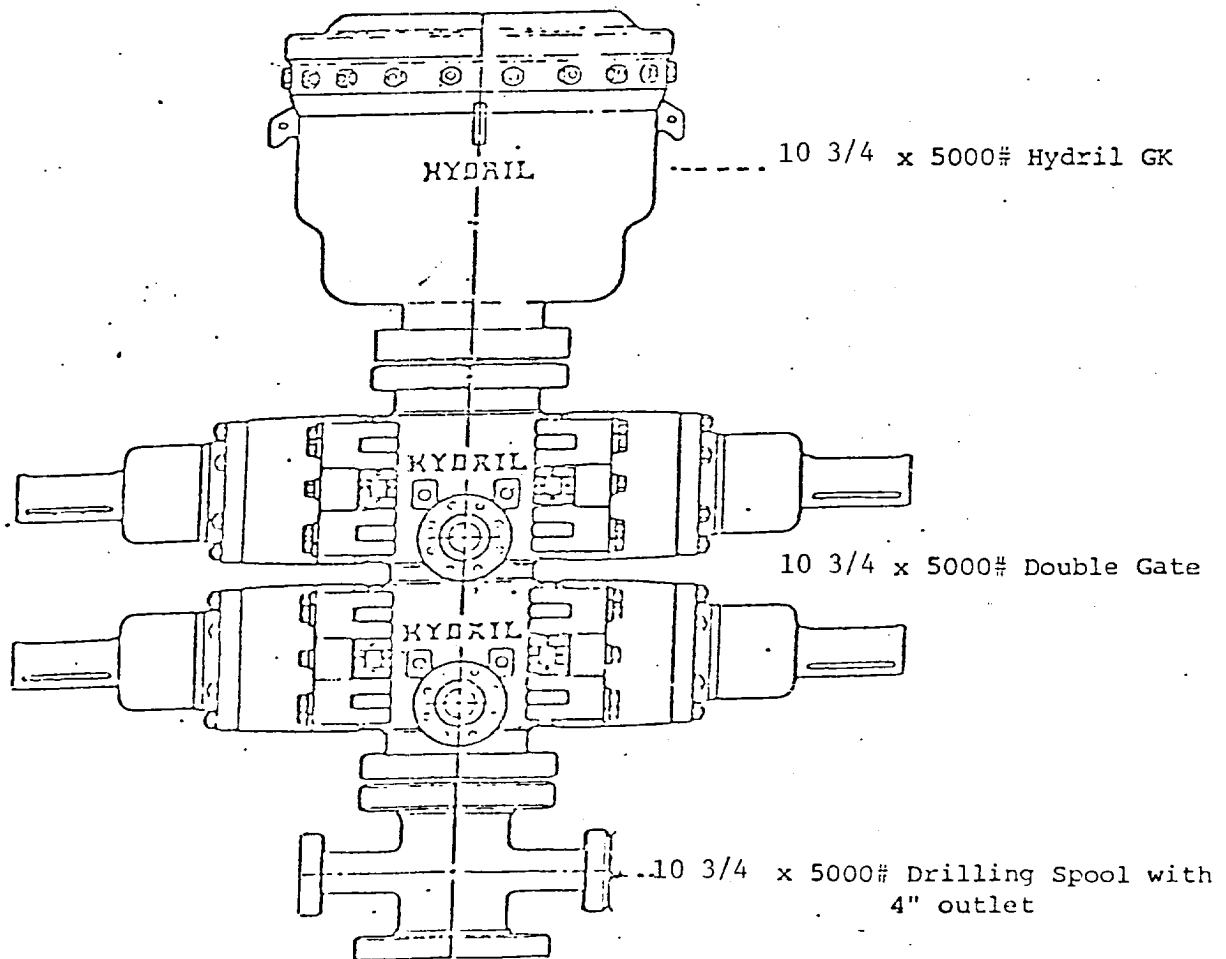
8 December 1981

Thomas T. Mann
 Registered Professional Engineer
 and or Land Surveyor

Thomas T. Mann, P.E. & L.S.
N.M. License No. 277



B.O.P. Stack



All items H₂S trimmed