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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

AUG 26 1977

O. C. C.

ARTERIA, OFFICE

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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name MOUTRAY "A" COM.	
2. Name of Operator NORTHERN NATURAL GAS COMPANY		9. Well No. 1	
3. Address of Operator 403 Wall Towers West, Midland, Texas 79701		10. Field and Pool, or Wildcat WILDCAT (MORROW)	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>5</u> TWP. <u>20-S</u> RGE. <u>26-E</u> NMPM		12. County EDDY	
21. Elevations (Show whether DF, RT, etc.) 3267' GR		19. Proposed Depth 10,000	19A. Formation MORROW
21A. Kind & Status Plug. Bond BLANKET	21B. Drilling Contractor	20. Rotary or C.T. ROTARY	
		22. Approx. Date Work will start 9-5-77	

23. 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"	54.5#	350'	500	SURFACE
12-1/4"	9-5/8"	40# or stronger	1,600'	800	SURFACE
7-7/8"	4-1/2"	10.5 & 11.6	10,000'	*	*

\* Propose to drill and test Morrow formation. If production casing is run, will run 4-1/2" and cement with sufficient volume for 500' of fill above top porosity in Morrow, perforate and treat as needed for production.

BOP PROGRAM: BOP;s on 13-3/8", BOP's, Hydril & rotating head on 9-5/8" casing.

GAS ACREAGE NOT DEDICATED

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 11-30-77

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 J. McDonald Title Director, Engineering Date August 23, 1977

(This space for State Use)

APPROVED BY W. A. Gressitt TITLE SUPERVISOR, DISTRICT II DATE AUG 30 1977

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind 13 3/8" + 9 5/8" casing

Notify N.M.O.C. in sufficient  
time to allow cementing  
9 5/8"

NEW TEXAS OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the plat.

Northern Natural Gas Company		Moutrey A Com.		1
K	5	20 South	26 East	Eddy
1980	South	1980	West	
3267.4	Morrow	Wildcat		320

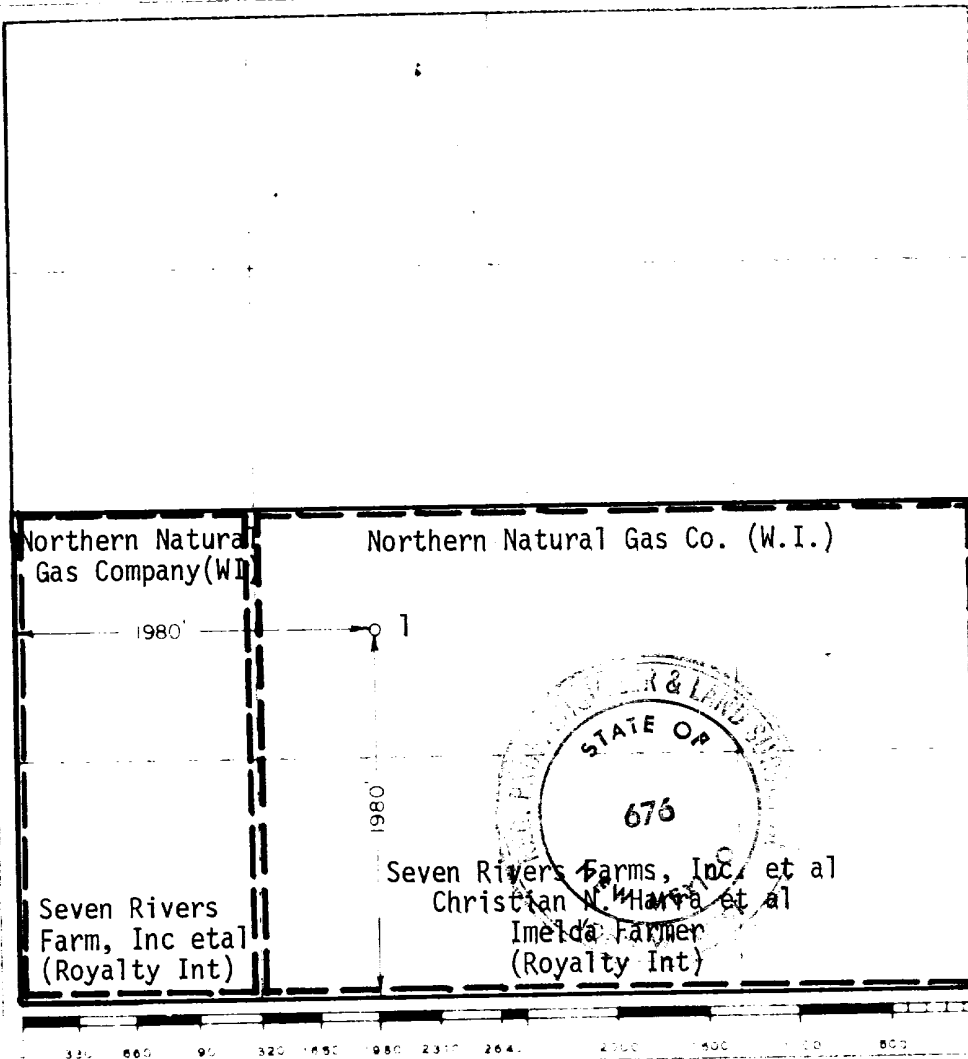
1. Outline the acreage dedicated to the subject well by colored pencil or ballpoint pen on the plat.
2. If more than one lease is dedicated to the well, outline each and identify the owner(s), the interest (if any), and the royalty interest (and royalty).
3. If more than one lease of different owner(s) is dedicated to the well, have the interests (if any) been consolidated by communitization, unitization, forced pooling, etc.?

Communitization

X Yes No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. If so, please state on 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-stake fact unit eliminating such interests, has been approved by the Commission. State: \_\_\_\_\_



I hereby certify that the information furnished hereon is true and correct to the best of my knowledge and belief.

*Johnny S. McDonald*

Johnny S. McDonald

Director, Engineering

Northern Natural Gas Co.

August 23, 1977

I hereby certify that the information shown on this plat was obtained from reliable sources and that it is true and correct to the best of my knowledge and belief.

August 17, 1977

*John W. West*

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SEVEN RIVERS QUADRANGLE  
NEW MEXICO-EDDY CO  
15 MINUTE SERIES (TOPOGRAPHIC)

