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Form C-105
Revised 11-1-74

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐
2. Name of Operator
NORTHERN NATURAL GAS COMPANY
3. Address of Operator
403 Wall Towers West, Midland, Texas 79701
4. Location of Well
UNIT LETTER K LOCATED 1980 FEET FROM THE SOUTH LINE AND 1980 FEET FROM THE WEST LINE OF SEC. 5 TWP. 20-S RGE. 26-E NMPM

NOV 8 1977

O.C.C.
ARTESIA, OFFICE

7. Unit Agreement Name
8. Farm or Lease Name
MOUTRAY A COM.
9. Well No.
1
10. Field and Pool, or Wildcat
WILDCAT (MORROW)

15. Date Spudded
9-19-77
16. Date T.D. Reached
10-26-77
17. Date Compl. (Ready to Prod.)
10-31-77 R A
18. Elevations (DF, RKB, RT, GR, etc.)
3267' GR
19. Elev. Casinghead
3267'
20. Total Depth
9900'
21. Plug Back T.D.
SURFACE
22. If Multiple Compl., How Many
23. Intervals Drilled By
Rotary Tools
0-9900'
Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name
NONE
25. Was Directional Survey Made
NO
26. Type Electric and Other Logs Run
CNL/FDC, DLL
27. Was Well Cored
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5, 61	410'	17-1/2"	550 SX	None
9-5/8"	40, 43.5, 47	1610'	12-1/4"	800 SX	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Flow'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments
DST's & Deviation Survey Summary

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED A. M. Donald TITLE District Director, Engineering DATE November 7, 1977

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>9120 (-5837)</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>653 (+2630)</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>1103(+2180)</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>2726(+557)</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>4238 (-955)</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>6673(-3390)</u>	T. Wolfcamp Lm <u>7052(-3769)</u>	T. Chinle _____	T. _____
T. Penn. <u>7830(-4547)</u>	T. Morrow <u>9555 (-6272)</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet. _____
No. 2, from _____ to _____	feet. _____
No. 3, from _____ to _____	feet. _____
No. 4, from _____ to _____	feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	653	653	Conglomerate & Red Beds				
653	1103	450	Sand & Dolomite				
1103	3900	2797	Dolomite, Limestone, Chert				
3900	6673	2773	Limestone, Sand, Shale				
6673	7052	379	Sand & Shale				
7052	9900	2848	Limestone, Sand, Shale, Chert				

NORTHERN NATURAL GAS COMPANY
MOUTRAY "A" COM. NO. 1
1980' FS&WL, Sec 5, T-20S, R-26E
EDDY COUNTY, NEW MEXICO

SUMMARY OF DRILL STEM TESTS

- DST NO. 1 - 9545 - 9665' (Morrow):
Mis-run due to leak in drill string.
- DST NO. 2 - 9535 - 9665' (Morrow):
TO 15" w/wk blow, SI 30", TO 60" w/wk blow, SI 120".
Recovery - 1145' DFCSW in DP and 0.005 CFG & 2000 cc SW
in Sampler. Pressures - IHH 4759, IF 299-335, ISI 3688,
FF 370-459, FSI 3846, FHH 3846.
- DST NO. 3 - Mis-run. Unable to get tool to btm.
- DST NO. 4 - 9665 - 9715' (Morrow):
TO 15" w/wk to fair blow, SI 30", TO 60" w/wk to fair blow,
SI 120". Recovery - 792' DF in DP and 2300 cc. DF in sampler
@ 325 psig. Pressures - IHH 4882, IF - NPR, ISI 2201, FF 335-
317, FSI 3285, FHH 4865.

D E V I A T I O N T E S T S

for

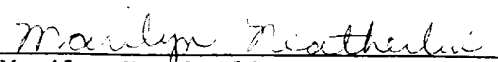
NORTHERN NATURAL GAS COMPANY
403 Wall Tower West
Midland, Texas 79701

MOUTRAY A COMM. #1
1980' FW&SL, T-20-S,
R-26-E, Section 5
Eddy County, New Mexico

DEPTH (FEET)	DEVIATION (DEGREES)	DEPTH (FEET)	DEVIATION (DEGREES)
152	1/2	5,180	2 3/4
308	1/4	5,337	2
410	1/4	5,357	2
843	1/4	5,553	2 3/4
1,580	1/2	5,679	3
1,610	N.G.	5,774	3 1/4
2,084	1	5,868	3
2,587	1 1/4	5,953	3
3,093	3	6,088	3
3,280	3 1/4	6,182	2 3/4
3,844	2	6,465	2
4,126	1 1/4	7,345	2 1/2
4,473	3 1/4	7,450	N.G.
4,568	4	7,831	3
4,639	4	8,337	2 3/4
4,680	3 3/4	8,837	2 1/4
4,772	3 1/2	9,339	2
4,897	3 1/2	9,665	1 3/4
5,024	3 1/2	9,900	N.G.


B. E. Burton, Contract Manager
WARTON DRILLING COMPANY

Subscribed and sworn to before me this 3rd day of November, 1977.


Marilyn Neatherlin, Notary Public
in and for Ector County, Texas