

Copy to 21

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL. FE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. PRESV. ☐ Other _____

RECEIVED

RECEIVED

2. NAME OF OPERATOR
Northern Natural Gas Co.

3. ADDRESS OF OPERATOR
401 Wall Towers West, Midland, Texas 79701
O. C. C.
ARTERIA, OFFIC

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2560' FNL & 1920' FWL, Sec. 1, T-16-S, R-27-E

At top prod. interval reported below

At total depth

14. PERMIT NO.	DATE ISSUED
----------------	-------------

15. DATE SPUDDED 4-11-72	16. DATE T.D. REACHED 5-14-72	17. DATE COMPL. (Ready to prod.) 6-8-72	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 3559 Grd. 3569 RKB	19. ELEV. CASINGHEAD 3559
-----------------------------	----------------------------------	--	--	------------------------------

20. TOTAL DEPTH, MD & TVD 8932	21. PLUG BACK T.D., MD & TVD 8899	22. IF MULTIPLE COMPLE., HOW MANY? Single	23. INTERVALS DRILLED BY Q-TD	ROTARY TOOLS	CABLE TOOLS
-----------------------------------	--------------------------------------	---	-------------------------------------	--------------	-------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8698-8743 Morrow	25. WAS DIRECTIONAL SURVEY MADE
---	---------------------------------

26. TYPE ELECTRIC AND OTHER LOGS RUN	27. WAS WELL CORED
GR-Sonic-Caliper, Dual Induction-Laterolog, 4 arm Dipmeter	No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	315	17 1/2	320	0
8 5/8"	24	1602	12 1/4	850	0
4 1/2"	10.5 & 11.6	8932	7 7/8	400	0

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	8675	8645

51. PERFORATION RECORD (Interval, size and number) 8698-8717 (.42") - 40 holes 8720-8728 (.42") - 16 holes 8731-8743 (.42") - 24 holes	52. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>8698-8743</td> <td>A/250 gal 15% mud acid</td> </tr> <tr> <td></td> <td>followed w/2000 gal. 7.5%</td> </tr> <tr> <td></td> <td>MS acid</td> </tr> </tbody> </table>	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	8698-8743	A/250 gal 15% mud acid		followed w/2000 gal. 7.5%		MS acid
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED								
8698-8743	A/250 gal 15% mud acid								
	followed w/2000 gal. 7.5%								
	MS acid								

33.7 PRODUCTION		
DATE FIRST PRODUCTION	PRODUCTION METHOD (<i>Flowing, gas lift, pumping—size and type of pump</i>)	WELL STATUS (<i>Producing or shut-in</i>): Shut in <i>Gas well</i>

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'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
SI Gas well	

35. LIST OF ATTACHMENTS

OCC Form C-122 Gas Well Back Pressure Test, Deviation Record

33. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED [Signature] TITLE Authorized Agent DATE 10-2-72

* (See Instructions and Spaces for Additional Data on Reverse Side)