

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 32119
Name: Northern Natural Gas
Address P.O. Box 178

City/State/Zip Cunningham, KS 67035
Purchaser: n/a
Operator Contact Person: Dan Dobbins
Phone (316) 298-6117
Factor: Name: Pratt Well Service
License: 5893
Wellsite Geologist: none

Designate Type of Completion
☐ New Well ☒ Re-Entry ☒ Workover

☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☒ Other (Core, WSW, Expl., Cathodic, etc)
GAS STORAGE WELL

If Workover:

Operator: Northern Natural Gas
Well Name: Maxedon 25-24
Comp. Date 6/2/78 Old Total Depth 4078 TVD

☒ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBDT
☐ Commingled ☐ Docket No. ☐
☐ Dual Completion ☐ Docket No. ☐
☐ Other (SWD or Inj?) ☐ Docket No. ☐

8/18/98 10/15/98 10/23/98
Date Date Reached TD Completion Date

API NO. 15- 151-204670101

County Pratt

N2 NE - SE - NE - Sec. 25 Twp. 27S Rge. 11 E X W

1450 Feet from N (circle one) Line of Section

370 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)

Lease Name Maxedon Well # 25-24

Field Name Cunningham

Producing Formation Viola

Elevation: Ground 1690 KB 1703

Total Depth 4879 ⁵⁰²³ 4031 TVD PBDT 4879 4031 TVD

Amount of Surface Pipe Set and Cemented at 1403 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan OWWO 12-8-98
(Data must be collected from the Reserve Pit)

Chloride content 800 ppm Fluid volume 400 bbls

Dewatering method used n/a

Location of fluid disposal if hauled offsite:

Operator Name Geary Mud Disposal

Lease Name Gray License No. 284168

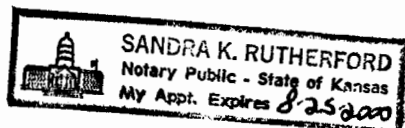
Quarter Sec. 15 Twp. 14N S Rng. 7 W E/W

County Garfield, OK Docket No. 284168

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Dan Dobbins
Title Sr. Reservoir Analyst Date 12/4/98
Subscribed and sworn to before me this 4th day of December, 19 98.
Notary Public Sandra K. Rutherford
Date Commission Expires 8-25-2000



K.C.C. OFFICE USE ONLY		
F	☐ Letter of Confidentiality Attached	
C	☐ Wireline Log Received	
C	☐ Geologist Report Received	
Distribution		
☒ KCC	☐ SWD/Rep	☐ NGPA
☐ KGS	☐ Plug	☒ Other (Specify)
<u>15</u>		

33147

SIDE TWO

Operator Name Northern Natural GasLease Name MaxedonWell # 25-24
 Sec. 25 Twp. 27S Rge. 11
☐ East
☒ West
County Pratt

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

 Drill Stem Tests Taken ☐ Yes ☒ No
 (Attach Additional Sheets.)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☐ Yes ☒ No
 (Submit Copy.)

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datums ☐ Sample
 Name Top Datum

CASING RECORD

☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	20"	13 3/8"	48	99'	Common	150	-----
Surface	12 1/4"	8 5/8"	22	1403'	50-50 Poz	650	1 1/4% Flocele 3% CC
Production	7 7/8"	5 1/2"	15 1/2	4289'	50-50 Poz	850	18% Salt .75% CFR2

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: Set Liner	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	3462-4414	Standard	25	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run ☒ Yes ☐ No
Date of First, Resumed Production, SWD or Inj. Storage Well	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours n/a	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____