

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

API NO. 15-055-20,799,000

County... Finney
SE. SE. SE. Sec. 28, Twp. 21, Rge. 31 East
West

Operator: License # 4779
Name North American Resources Co.
Address 16 E. Granite
City/State/Zip Butte, MT 59701

330 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser NA

Lease Name Doll Well #. 28-1

Field Name Wildcat

Operator Contact Person Ben Stromberg
Phone (406) 782-4233

Producing Formation NA D&A

Elevation: Ground 2891' KB 2900'

Contractor: License # 5382
Name Cheyenne Drilling Inc.

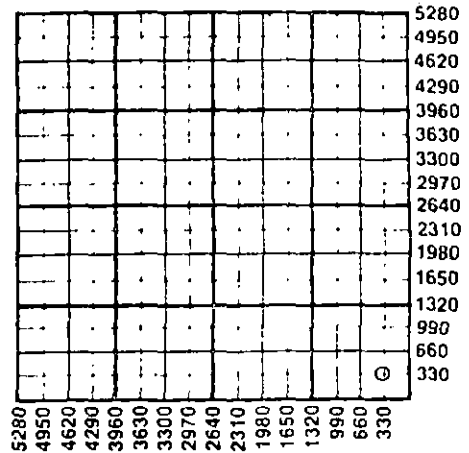
Wellsite Geologist Ron Osterbuhr
Phone (316) 275-7888

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: NA Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater... Ft North from Southeast Corner
(Well) ... Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water... Ft North from Southeast Corner
(Stream, pond etc.) ... Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/8/88 6/16/88 6/18/88
Spud Date Date Reached TD Completion Date
5000' NA
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 450 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set... feet
If alternate 2 completion, cement circulated
from 450 feet depth to Surface 205' x cmt
Cement Company Name
Invoice # AT J D&A

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on slide 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 drillers time log shall be attached with this form. 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 Ben Stromberg

Title Drilling Superintendent Date 7/27/88

Subscribed and sworn to before me this 27th day of July 1988

Notary Public

Date Commission Expires

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
7-27-88

Sec. 28 Twp. 21 Rge. 31 E

RELEASED
Well # 28-1

Operator Name North American Resources Co. Lease Name Doll

MAR 06 1990

FROM CONFIDENTIAL

Sec. 28 Twp. 21S Rge. 31 East West County Finney

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 (4686-4735) Atoka-Mrw; 30-60-30
 120 IFP 20-20 ISIP 1080 FFP 41-41
 FSIP 1194 Rec. 5' Slight oil specked mud.

DST #2 (4788-4828 St. Louis 10-45-60-
 120 IFP 168-330 ISIP 1280 FFP420-1025
 FSIP 1275 Rec. 1300' salt water.

Core 4684-2729 Rec. 40' - 19'LS, 7' shale, 13' siltstone and sandstone

Name	Top	Bottom
Krider	2708	
Winfield	2767	
Heebner	3954	
Lansing	4039	
Base Kansas City	4439	
Marmaton	4457	
Cherokee	4572	
Morrow	4700	
Mississippian	4730	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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
Surface	12-1/4	8-5/8	23	465	G	205	CaCl ₂ 2%
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	NA	D&A		NA	D&A		
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Conningled

DRILLERS LOG

RELEASED CONFIDENTIAL
MAR 0 6 1990

NORTH AMERICAN RESOURCES CO.
DOLL #28-1
SECTION 28-T21S-R31W
FINNEY COUNTY, KANSAS

FROM CONFIDENTIAL

COMMENCED: 06-08-88
COMPLETED: 06-17-88

SURFACE CASING: 465' OF 8 5/8"
CMTD. W/205 SX LITE, 2% C.C.
1/4#/SX FLO-CELE

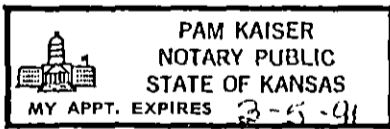
FORMATION	DEPTH
SURFACE HOLE	0- 465
SAND & SHALE	465-1175
LIME & SHALE	1175-1640
GLORIETTA SAND	1640-1840
SHALE & LIMESTONE	1840-2145
LIME & SHALE	2145-4690
MORROW	4690-4735
LIME & SHALE	4735-5000 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.
A. J. Jacques
A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21ST DAY OF JUNE, 1988.



Pam Kaiser
PAM KAISER, NOTARY PUBLIC

STATE COMMISSION

JUL 2 - 1988

CONSERVATION DIVISION
Wichita, Kansas

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 *Pam Kaiser*

Title *Drilling Superintendent* Date *7/1/88*

Subscribed and sworn to before me this *21st* day of *July*, 19*88*

Notary Public *Pam Kaiser*

Date Commission Expires *March 6, 1989*

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

Sec. 28 Imp. 21 Reg. 1.02

91