

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

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

Purchaser: _____
Operator Contact Person: James L. Else
Phone (406) 782-4233

Contractor: Name: Abercrombie, RTD, Inc.
License: 30684
Wellsite Geologist: Wes Hanson

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____
Plug Back _____ PSTD _____
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) Docket No. _____
6/16/93 6/28/93 7/9/93
Spud Date Date Reached TD Completion Date

API NO. 15- 055212040000
County Finney
S/2 - NW - SE - SW Sec. 18 Twp. 21 Rge. 34 XX W
950 Feet from S/W (circle one) Line of Section
1650 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Ruth Kester Well # 24-18
Field Name Christabelle
Producing Formation Morrow
Elevation: Ground 3039' KB 3034'
Total Depth 4950' PSTD 4889'
Amount of Surface Pipe Set and Cemented at 2200 Feet
Multiple Stage Cementing Collar Used? XX Yes No
If yes, show depth set 3159 Feet
If Alternate II completion, cement circulated from 2200
feet depth to 3159 w/ 225 XX cement.
Drilling Fluid Management Plan 9-22-93
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
Spry Building, 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 Maryellen Kloker
Title Engineering Intern Date 8/30/93
Subscribed and sworn to before me this 30th day of August
19 93.
Notary Public J. D. O'Neil
Date Commission Expires May 24, 1994

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
c RECEIVED Received
STATE CORPORATION COMMISSION Received
SEP 03 1993
KGS Plug NSPA
CONSERVATION DIVISION Other (Specify)
Wichita, Kansas

Sec. 18 Twp. 21 Rge. 34 East West County Finney

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base/Anhydrite	2159	887
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3875	-829
List All E.Logs Run: Formation Microscanner; Compensated Neutron-Litho-Density; Dual Induction-SFL; Borehole Compensated Sonic Log; and Cement Bond Log		Lansing	3973	-927
		Marmaton	4441	-1395
		Pawnee	4533	-1487
		Cherokee	4576	-1530
		Atoka	4699	-1653
		Morrow Sh.	4781	-1653
		Morrow Sd.	4819	-1735
		St. Genevieve	4837	-1791
		St. Louis 'C'	4899	-1853

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	24	2149'	light common	600 150	3% CC 2% gel 3% CC
Production	7 7/8"	5 1/2"	14	4934'	self stress	125	

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
<input checked="" type="checkbox"/> Perforate					
<input checked="" type="checkbox"/> Protect Casing	2200 3159	Premium Plus	225	3% CC + 1/4 # Flocele	
<input type="checkbox"/> Plug Back TD		Light			
<input type="checkbox"/> Plug Off Zone		Premium Plus	50	2% CC	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
8	4818' - 4834'		10400# 20/40 sand + 9318 gal Boragel	
			4822 gals. gel wtr. flush	

TUBING RECORD		Size 2 3/8"	Set At 4818'	Packer At 4719'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 7/26/93			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil 18 Bbls.	Gas 0 Mcf	Water 48 Bbls.	Gas-Oil Ratio .96	Gravity 37' API

Disposition of Gas:	<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease	METHOD OF COMPLETION	Production Interval
(If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	<input type="checkbox"/> Other (Specify)	4818-4834