

# ORIGINAL

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

API NO. 15- 185-22765.0000

County Stafford

SENNWN Sec. 32 Twp. 21S' Rge. 14W  East West

4290 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Neeland Well # 1

Field Name \_\_\_\_\_

Producing Formation arb.

Elevation: Ground 1950 KB 1953

Total Depth 3900 PBTD 3900

Operator: License # 5822

Name: VAL ENERGY, Inc.

Address Box 322 Haysville, Ks.  
67060

City/State/Zip \_\_\_\_\_

Purchaser: none

Operator Contact Person: K. Todd Allam

Phone (616.) 522-1560

Contractor: Name: VAL ENERGY, Inc.

License: 5822

Wellsite Geologist: Terry McLeod

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 \_\_\_\_\_

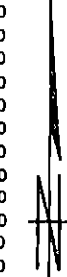
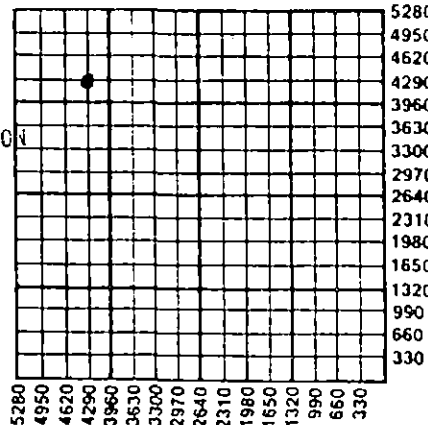
Drilling Method:

Mud Rotary  Air Rotary  Cable

4-16-91 4-22-91 4-22-91

Spud Date Date Reached TD Completion Date

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Wichita, Kansas



AI-E DPA

Amount of Surface Pipe Set and Cemented at 445 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.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

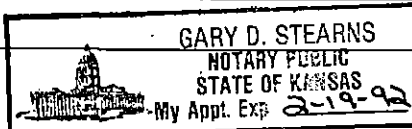
Signature K. Todd Allam

Title President Date 4-24-91

Subscribed and sworn to before me this 24<sup>th</sup> day of April, 19 91.

Notary Public Gary D. Stearns

Date Commission Expires \_\_\_\_\_



**K.C.C. OFFICE USE ONLY**

F  Letter of Confidentiality Attached  
 C  Wireline Log Received  
 C  Drillers Timelog Received

**Distribution**

KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

P1

**SIDE TWO**

Operator Name VAL ENERGY, Inc. Lease Name Neeland Well # 1  
 Sec 32 Twp. 21 Rge. 14W  East  West  
 County Stafford

**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.)

**Formation Description**  
 Log  Sample  
 Name \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
 See Attached sheets

CASING RECORD <input checked="" 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
	10 3/4	8 5/8	23	445	60/40poz	300	2%G/3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer At				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
Estimated Production Per 24 Hours							Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION:**  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



WESTERN TESTING CO., INC.

# 15-185-22765-00-00

ORIGINAL INFORMATION TESTING

TICKET No 17313

P. O. BOX 1599 PHONE (316) 262-5861 WICHITA, KANSAS 67201

Elevation 1948 GL. Formation LKC Eff. Pay. - Ft.

District GT Bend Date 4-20-91 Customer Order No. -

COMPANY NAME UAL Energy, Inc

ADDRESS Box 322 Haysville, Ks. 67060

LEASE AND WELL NO. Neeland #1 COUNTY STAFFORD STATE Ks Sec. 32 Twp. 21<sup>S</sup> Rge. 14<sup>W</sup>

Mail Invoice To Same No. Copies Requested Log

Co. Name Address No. Copies Requested Log

Mail Charts To SAME Address No. Copies Requested Log

Formation Test No. 1 Interval Tested From 3570 ft. to 3614 ft. Total Depth 3614 ft.

Packer Depth 3565 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3570 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3573 ft. Recorder Number 10270 Cap. 4150

Bottom Recorder Depth (Outside) 3576 ft. Recorder Number 13550 Cap. 4175

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor UAL DRG Drill Collar Length - I. D. - in.

Mud Type Chemical Viscosity 45 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 10.8 cc. Drill Pipe Length 3550 I. D. 3.8 in.

Chlorides 10000 P.P.M. Test Tool Length 20 ft. Tool Size 5/2 in.

Jars: Make - Serial Number - Anchor Length 49 ft. Size 5/2 in.

Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: IF - STRONG BLOW IN 4 MIN

IF - WEAK TO A STRONG BLOW IN 8 MIN

Recovered 900 ft. of WATER

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 73000 P.P.M. Sample Jars used 2 Remarks:

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Time On Location 5:00 A.M. Time Pick Up Tool 6:10 P.M. Time Off Location - P.M.

Time Set Packer(s) 7:30 A.M. Time Started Off Bottom 10:00 P.M. Maximum Temperature 107

Initial Hydrostatic Pressure (A) 1692 P.S.I.

Initial Flow Period Minutes 30 (B) 52 P.S.I. to (C) 218 P.S.I.

Initial Closed In Period Minutes 45 (D) 811 P.S.I.

Final Flow Period Minutes 30 (E) 270 P.S.I. to (F) 395 P.S.I.

Final Closed In Period Minutes 45 (G) 811 P.S.I.

Final Hydrostatic Pressure (H) 1692 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative Roy Schwager THANK YOU

FIELD INVOICE

- Open Hole Test \$
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$

**McLEOD EXPLORATION CO.**

TERRY McLEOD  
Geologist

FARMERS & BANKERS BUILDING  
200 E. 1ST • SUITE LL 100  
WICHITA, KANSAS 67202  
(316) 265-6431

KATHRYN ROGERS McLEOD  
Geologist

ORIGINAL

April 22, 1991

Val Energy, Inc.  
Box 322  
Haysville, Kansas 67060

No. 1 Neeland  
SE NW NW  
Section 32-21S-14W  
Stafford County, Kansas

Contactor: Val Energy Inc.  
Mud Company: Mud Systems, Inc.  
Testing Company: Western Testing

Elevation: G.L. 1948 D.F. 1951 K.B. 1953

Casing: 8 5/8" @ 445' w/300 sx 60/40 pozmix

Commencement: 4-16-91

Completed: 4-21-91

Formation Top	Sample Top	Sub-Sea Datum	Structural Position
Anhydrite	884	+1069	Flat
Heebner	3315	-1362	Flat
Douglas	3355	-1402	-3
Brn Lime	3431	-1478	+1
Lansing	3441	-1488	Flat
BKC	3670	-1717	Flat
Conglomerate	3694	-1741	+2
Viola	3718	-1765	-3
Simpson Shale	3771	-1818	-7
Simpson Sand	3783	-1830	-6
Arbuckle	3835	-1882	-14
Total Depth	3900	-1947	

Reference Well for Structural Position - Petroleum Inc. - No.1. Bauer  
SW SW NW 32-21S-14W 1956 K.B.

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Val Energy, Inc.  
April 22, 1991  
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Geological Summary:

Lansing Kansas City 3441

3582-88 Limestone, white to cream, fine crystalline and oolitic, there is a show of heavy black spotted staining, no odor, no fluorescence  
3592-3611 Limestone tan to brown, fine to medium crystalline and very highly oolitic with 2-3 pieces with dark gilsonitic stain

Drill Stem Test No. 1 3570-3614

Strong Blow both opens - open closed open closed  
30" 45" 30" 45"

Recovered 900' saltwater  
Shut in pressures 811#-811#  
Flow pressures initial 52# - 218#  
final 270# - 395#

Viola 3718

3718-57 Chert, tan to pink, opaque, fresh, to slightly weathered; Limestone tan to cream fine crystalline, with 2-3 pieces of chert with dark dead oil staining in weathered porosity, no free oil, no odor, no fluorescence

Simpson Sand 3783

3783-94 Sand grains, clear to orange, angular, translucent, no shows, no odor, no fluorescence

Arbuckle 3835

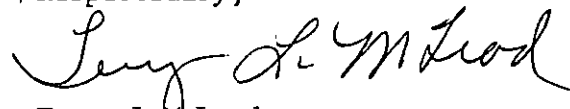
3835-43 Dolomite tan, fine crystalline, oolitic in part with fair small oolitic porosity, no shows, no odor, no fluorescence

No other shows

RTD 3900

Summary: The No. 1 Neeland was watched from 3150' by Terry McLeod and Jeff Burk. The sample shows judged positive were tested. The well lacked structure and positive shows. The formations were evaluated negative by the negative drill stem test and the lack of shows in productive intervals. It was determined to plug and abandoned the No. 1 Neeland on April 21, 1991

Respectfully,



Terry L. McLeod  
Petroleum Geologist

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APR 29 1991

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Wichita, Kansas