

ORIGINAL

SIDE ONE

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

Operator: License # 4748  
Name: A & A Discovery, Inc.  
Address P.O. Box 156  
  
City/State/Zip Hill City, KS 67642  
Purchaser: Clear Creek, Inc.  
Operator Contact Person: Darrel Anderson  
Phone (913) 674-2768

Contractor: Name: Duke Drilling Co., Inc.  
License: 5929

Wellsite Geologist: Scott Alberg

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  
04-27-90 05-04-90 6-17-90  
Spud Date Date Reached TD Completion Date

API NO. 15- 151-21,990-00-00

County Pratt

SW NE NW Sec. 8 Twp. 27 Rge. 11  East West

4290' Ft. North from Southeast Corner of Section  
5630' 3609' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

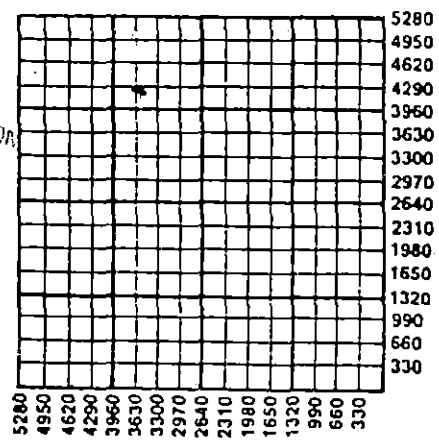
Lease Name Holland Well # B-2

Field Name Haynesville Southwest

Producing Formation Lansing K.C

Elevation: Ground 1816 KB 1824

Total Depth 4025 PBTD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 271 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

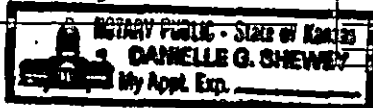
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

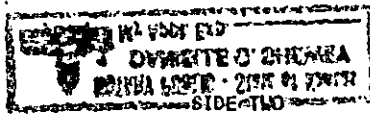
**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held 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 Darrel Anderson  
Title President- A & A Discovery, Inc Date 7-17-90  
Subscribed and sworn to before me this 23<sup>rd</sup> day of July 19 90.  
Notary Public Danielle G. Shewey  
Date Commission Expires 6-21-94

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)





Operator Name A & A Discovery, Inc. Lease Name Holland Well # B-2  
 Sec. 8 Twp. 27 Rge. 11  East County Pratt  West

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 (2) (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Formation Description</b> <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3452</td> <td></td> </tr> <tr> <td>Brown Lime</td> <td>3633</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3649</td> <td></td> </tr> <tr> <td>B/KC</td> <td>4005</td> <td></td> </tr> <tr> <td>R.T.D</td> <td>4026</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Heebner	3452		Brown Lime	3633		Lansing	3649		B/KC	4005		R.T.D	4026	
Name	Top		Bottom																	
Heebner	3452																			
Brown Lime	3633																			
Lansing	3649																			
B/KC	4005																			
R.T.D	4026																			
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			
Attached Drillstem data																				

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	14-3/4"	10-3/4"	28#	271'	60/40poz	175	
Production	7 7/8"	4 1/2"	10.5#	4020'	Surfill	100	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		Amount	Depth
4	3912-18	300gal -15%acid	3950-54
4	3950-54	2000gal -20%HNE acid	3912-18
		1000gal -20%HNE acid	3950-54

CASING RECORD Size 2-3/8" Set At 3954' Packer At n/a Liner Run  Yes  No

Date of First Production 6-17-90 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours Oil 7.88 Bbls. Gas n/a Mcf Water 34 Bbls. Gas-Oil Ratio oil Gravity 34

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_

# CHENEY TESTING COMPANY, INC. ORIGINAL

P. O. Box 367

HILL CITY, KANSAS 67642

## DRILL-STEM TEST DATA

Company <u>A &amp; A DISCOVERY INC.</u>	Test No. <u>2</u>
Well Name & Number <u>HOLLAND #B-2</u>	Zone Tested <u>KANSAS CITY</u>
Company Address <u>BOX 156, HILL CITY, KAN. 67642</u>	Date <u>5-3-90</u>
Company Rep. <u>SCOTT ALBERG</u>	Tester <u>HUCK SMITH</u>
Contractor <u>DUKE DRG. CO.</u>	Elevation <u>1816 G.L.</u>
Location: Sec. <u>8</u> Twp. <u>27</u> Rge. <u>11W</u> Co. <u>PRATT</u> State <u>KAN</u>	Est. Feet of Pay _____
Recorder No. <u>13364</u> Type <u>AK-1</u> Range <u>3825</u> PSI	Recorder No. <u>13770</u> Type <u>AK-1</u> Range <u>4200</u> PSI
Recorder Depth <u>3957</u> Clock # <u>25559</u>	Recorder Depth <u>3960</u> Clock # <u>31206</u>
A) Initial Hydrostatic Mud <u>1969</u> PSI	Tool Open Before I.S.I. <u>30</u> Mins.
B) First Initial Flow Pressure <u>67</u> PSI	Initial Shut-in <u>60</u> Mins.
C) First Final Flow Pressure <u>86</u> PSI	Flow Period <u>30</u> Mins.
D) Initial Shut-in Pressure <u>798</u> PSI	Final Shut-in <u>90</u> Mins.
E) Second Initial Flow Pressure <u>115</u> PSI	Top Choke Size <u>1"</u> Hole Size <u>7 7/8"</u>
F) Second Final Flow Pressure <u>134</u> PSI	Bottom Choke Size <u>3/4"</u> Rubber Size <u>6 3/4"</u>
G) Final Shut-in Pressure <u>769</u> PSI	Tool Open @ <u>9:45 A.M.</u>
H) Final Hydrostatic Mud <u>1949</u> PSI	Blow Remarks <u>STRONG BLOW. GAS TO SURFACE</u>
Temperature <u>119</u>	<u>IN 15 MINUTES.</u>
Mud Weight <u>9.2</u> Viscosity <u>41</u>	
Fluid Loss <u>8.0 c.c.</u>	
Interval Tested <u>3942-3965</u>	
Anchor Length <u>23'</u>	
Top Packer Depth <u>3937</u>	
Bottom Packer Depth <u>3942</u>	
Total Depth <u>3965</u>	
Drill Pipe Size <u>4 1/2 EX.H.</u>	
Drill Pipe I. D. <u>2.7</u> Ft. Run <u>257</u>	
Recovery-Total Feet <u>270</u>	
Recovered <u>40</u> Feet Of <u>O.C.G.M. (5% Oil 95% Mud)</u>	
Recovered <u>230</u> Feet Of <u>M.C.G.O. (35% Gas 40% Oil 10% Wtr. 15% Mud)</u>	
Recovered _____ Feet Of _____	
Recovered _____ Feet Of _____	
Recovered _____ Feet Of _____	
Recovered _____ Feet Of _____	

RECEIVED

STATE CORPORATION COMMISSION

JUL 26 1990

Extra Equipment \_\_\_\_\_ Safety Joint \_\_\_\_\_ CONSERVATIVE LIMS \_\_\_\_\_ Price of Job \_\_\_\_\_  
 Wichita Kansas

# CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

ORIGINAL

## DRILL-STEM TEST DATA

Company <u>A &amp; A DISCOVERY INC.</u>	Test No. <u>1</u>
Well Name & Number <u>HOLLAND #B-2</u>	Zone Tested <u>KANSAS CITY</u>
Company Address <u>BOX 156, HILL CITY, KAN. 67642</u>	Date <u>5-2-90</u>
Company Rep. <u>SCOTT ALBERG</u>	Tester <u>HUCK SMITH</u>
Contractor <u>DUKE DRLG. CO.</u>	Elevation <u>1816 G.L.</u>
Location: Sec. <u>8</u> Twp. <u>27</u> Rge. <u>11W</u> Co. <u>PRATT</u> State <u>KAN</u>	Est. Feet of Pay _____

Recorder No. 13364 Type AK-1 Range 3825 PSI  
 Recorder Depth 3917 Clock # 25559

(A) Initial Hydrostatic Mud 1891 PSI  
 (B) First Initial Flow Pressure 57 PSI  
 (C) First Final Flow Pressure 57 PSI  
 (D) Initial Shut-in Pressure 586 PSI  
 (E) Second Initial Flow Pressure 76 PSI  
 (F) Second Final Flow Pressure 96 PSI  
 (G) Final Shut-in Pressure 576 PSI  
 (H) Final Hydrostatic Mud 1872 PSI

Temperature 118  
 Mud Weight 9.2 Viscosity 41  
 Fluid Loss 8.0 c.c.  
 Interval Tested 3900-3925  
 Anchor Length 25'  
 Top Packer Depth 3895  
 Bottom Packer Depth 3900  
 Total Depth 3925  
 Drill Pipe Size 4½ EX.R.  
 Wt. Pipe I. D. 2.7 Ft. Run 257  
 Recovery-Total Feet 240  
 Recovered 40 Feet Of G.M.  
 Recovered 60 Feet Of O.C.W.G.M. (10% Oil 5% Wtr. 25% Gas 60% Mud)  
 Recovered 140 Feet Of O.C.W.G.M. (20% Oil 5% Wtr. 40% Gas 35% Mud)  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Extra Equipment Safety J int Price of Job \_\_\_\_\_

Recorder No. 13770 Type AK-1 Range 4200 PSI  
 Recorder Depth 3920 Clock # 31206  
 Tool Open Before I.S.I. 30 Mins.  
 Initial Shut-in 60 Mins.  
 Flow Period 30 Mins.  
 Final Shut-in 90 Mins.  
 Top Choke Size 1" Hole Size 7 7/8"  
 Bottom Choke Size 3/4" Rubber Size 6 3/4"  
 Tool Open @ 6:40 P.M.  
 Blow Remarks 1st OPEN: STRONG BLOW TO SUR-  
FACE IN 20 MINUTES. GAS TO SURFACE IN 20  
MINUTES.

RECEIVED  
 STATE CORP. DIVISION  
 JUL 26 1990  
 CONSERVATION DIVISION  
 Wichita, Kansas

B-2



# WIRE-TECH

# RADIATION GUARD LOG

COMPANY <u>A &amp; A DISCOVERY INC.</u>	
WELL <u>HOLLAND "B"#2</u>	
FIELD <u>HAYNESVILLE SW</u>	
COUNTY <u>PRATT</u>	STATE <u>KANSAS</u>
Location <u>SE NE NW</u>	Other Services: DIL CDL-SWN
Sec. <u>8</u>	Twp. <u>27S</u> Rge. <u>11W</u>
Permanent Datum <u>GROUND LEVEL</u>	Elev. <u>1816'</u>
Log Measured From <u>KELLY BUSHING 8</u>	Ft. Above Perm. Datum
Drilling Measured From <u>KELLY BUSHING</u>	Elev.: K.B. <u>1824'</u> D.F. _____ G.L. <u>1816'</u>
Date	<u>5-4-90</u>
Run No.	<u>ONE</u>
Depth—Driller	<u>4025'</u>
Depth—Wire Tech	<u>4026'</u>
Bl. Log Inter.	<u>4025'</u>
Top Log Inter.	<u>3300'</u>
Casing—Driller	<u>8 5/8 @ 757'</u>
Casing—Wire Tech	
Bit Size	<u>7 7/8"</u>
Type Fluid in Hole	<u>CHEMICAL MUD</u>
	<u>CHLORIDES 8000 PPM</u>
Dens.   Visc.	<u>9.2   45</u>
pH   Fluid Loss	<u>11   9.6 ml</u>
Source of Sample	<u>FLOWLINE</u>
R <sub>m</sub> @ Meas. Temp.	<u>.65 @ 64 °F</u>
R <sub>mf</sub> @ Meas. Temp.	<u>.47 @ 64 °F</u>
R <sub>mc</sub> @ Meas. Temp.	<u>.91 @ 64 °F</u>
Source R <sub>mf</sub> R <sub>mc</sub>	<u>CHARTS</u>
R <sub>m</sub> @BHT	<u>.38 @ 114 °F</u>
Time Since Circ.	<u>1.5 HOURS</u>
Max. Rec. Temp.	<u>114 °F @ T.D.</u>
Equip.   Location	<u>60   GT. BEND, KS</u>
Recorded By	<u>W. CURTIS</u>
Witnessed By	<u>S. ALBERG</u>

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 02 1991  
CONSERVATION DIVISION  
Wichita, Kansas