

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: \_\_\_\_\_  
Operator Contact Person: Darrel Anderson  
Phone ( 913 ) 674-2768  
Contractor: Name: Abercrombie RTD, Inc.  
License: 30684

Wellsite Geologist: Richard B. Bell  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SOW  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. \_\_\_\_\_  
11-12-92      11-18-92      11-19-92  
Spud Date      Date Reached TD      Completion Date

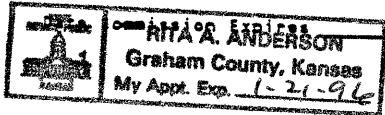
APT NO. 15- 065-22,698-00-00  
County Graham  
75'N-W/2 - NW - SE Sec. 14 Twp. 6S Rge. 23 X E/W  
2055 Feet from S (circle one) Line of Section  
2310 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Beckman "A" Well # 1  
Field Name Wildcat  
Producing Formation Lansing-KC  
Elevation: Ground 2370 KB \_\_\_\_\_  
Total Depth 3833 PSTD \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 216.09 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 cnt.

Drilling Fluid Management Plan D4D 1-15-93 RP  
(Data must be collected from the Reserve Pit)  
Chloride content 3000 ppm Fluid volume 400 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 Derby 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 Darrel Anderson  
Title PRESIDENT A&A Discovery, Inc. Date 12/12/92  
Subscribed and sworn to before me this 12th day of December  
1992.  
Notary Public Rita A. Anderson

  
RITA A. ANDERSON  
Graham County, Kansas  
My Appt. Exp. 1-21-96

1-6-92  
RECEIVED  
K.C.C. OFFICE USE ONLY  
STATE CORPORATION COMMISSION  
F \_\_\_\_\_ Letter of Confidence Attached  
C \_\_\_\_\_ Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received  
Distribution  
 KCC  
 KGS  
 SWD/Rep  
 Plug  
JAN 6 1993  
NEPA DIVISION  
(Society)  
P1

Operator Name A & A Discovery, Inc.

Lease Name Beckman "A"

Well # 1

Sec. 14 Twp. 6S Rge. 23

East  
 West

County Graham

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: Sample Log  
Radiation Guard

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anahydrate	20 40	
Base "	20 71	
Topeka	33 35	
Heckman	35 82	
Toronto	36 08	
Lansing	36 24	
Base-K.C.	38 11	
T.D.	38 33	

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
Surface	12 1/2	8 5/8	20#	216.09	60/40 pozmix	165	2% gel 3% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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			
					<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.				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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

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

# CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

ORIGINAL

## DRILL-STEM TEST DATA

Company	A. & A. Discovery Inc.	Test No.	1
Well Name & Number	Beckman A-1	Zone Tested	Kansas City
Company Address	P.O. Box 156 Hill City, Kan. 67642	Date	11-17-92
Company Rep.	Richard Bell	Tester	Huck Smith
Contractor	Abercrombie Drlg. Co #4	Elevation	2375 K.B.
Location: Sec. 14 Twp. 6S Rge. 23W Co. Graham State Kan	Est. Feet of Pay		

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 3654 Clock # 25831

(A) Initial Hydrostatic Mud 1858 PSI

(B) First Initial Flow Pressure 52 PSI

(C) First Final Flow Pressure 74 PSI

(D) Initial Shut-in Pressure 1121 PSI

(E) Second Initial Flow Pressure 95 PSI

(F) Second Final Flow Pressure 105 PSI

(G) Final Shut-in Pressure 1121 PSI

(H) Final Hydrostatic Mud 1836 PSI

Temperature 106°

Mud Weight 9.3 Viscosity 47

Fluid Loss 8.0 c.c.

Interval Tested 3614-3662

Anchor Length 48'

Top Packer Depth 3609

Bottom Packer Depth 3614

Total Depth 3662

Drill Pipe Size 4½ EX.H.

Wt. Pipe I. D. 2.7 Ft. Run 380

Recovery-Total Feet 150

Recovered 150 Feet Of Gassy Mud

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Extra Equipment \_\_\_\_\_

Recorder No. 13770 Type AK-1 Range 4200 PSI

Recorder Depth 3657 Clock # 25559

Tool Open Before I.S.I. 30 Mins.

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 60 Mins.

Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 3:00 A.M.

Blow Remarks 1st open; Fair blow 4½"

2nd open; 3" blow

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RECEIVED  
STATE CORPORATION COMMISSION

1141 **6 1993**

DIVISION  
KANSAS

# CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

ORIGINAL

## DRILL-STEM TEST DATA

Company	A. & A. Discovery Inc.	Test No.	2
Well Name & Number	Beckman #A-1	Zone Tested	Kansas City
Company Address	P.O. Box 156, Hill City, Kan. 67642	Date	11-17-92
Company Rep.	Richard Bell	Tester	Huck Smith
Contractor	Abercrombie Drlg. Co. #4	Elevation	2375 K.B.
Location: Sec. 14 Twp. 6S Rge. 23W Co. Graham State Kan.		Est. Feet of Pay	

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 3748 Clock # 25831

(A) Initial Hydrostatic Mud 1921 PSI

(B) First Initial Flow Pressure 28 PSI

(C) First Final Flow Pressure 38 PSI

(D) Initial Shut-in Pressure 1289 PSI

(E) Second Initial Flow Pressure 47 PSI

(F) Second Final Flow Pressure 66 PSI

(G) Final Shut-in Pressure 1270 PSI

(H) Final Hydrostatic Mud 1873 PSI

Temperature 108°

Mud Weight 9.4 Viscosity 55

Fluid Loss 8.0 c.c.

Interval Tested 3722-3756

Anchor Length 34'

Top Packer Depth 3717

Bottom Packer Depth 3722

Total Depth 3756

Drill Pipe Size 4½ EX.H.

Wt. Pipe I. D. 2.7 Ft. Run 380

Recovery-Total Feet 120

Recovered 120 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Price of Job

Recorder No. 13770 Type AK-1 Range 4200 PSI

Recorder Depth 3751 Clock # 25559

Tool Open Before I.S.I. 45 Mins.

Initial Shut-in 45 Mins.

Flow Period 60 Mins.

Final Shut-in 45 Mins.

Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 9:15 P.M.

Blow Remarks 1st open; Weak blow, 3½"

2nd open; 2½" blow

RECEIVED  
STATE CORPORATION COMMISSION

1992 6 1993

REGISTRATION DIVISION  
Wichita, Kansas

MILLER PRINTERS, INC.  
Great Bend, Kansas

Extra Equipment Price of Job

1992 6 1993

REGISTRATION DIVISION  
Wichita, Kansas

MILLER PRINTERS, INC.  
Great Bend, Kansas

Phone 983-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

*New*

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

2159  
 ORIGINAL

Date	11-12-92	Sec.	14	Twp.	6 <sup>S</sup>	Range	23 <sup>W</sup>	Called Out	8:00 P.M.	On Location	9:45 P.M.	Job Start	11:40 P.M.	Finish	Midnight
Lease	Beckman	Well No.	"A"-1		Location			Hill City 1 1/2 N 1/2 W		County	Graham	State	Ks.		
Contractor	Abercrombie RTD			Rig # 4			Owner			Same					
Type Job	Set Surface Pipe														
Hole Size	12 1/4"			T.D.			218'			To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Csg.	8 7/8"			Depth			216'			Charge To					
Tbg. Size				Depth			A & A Discovery, Inc.								
Drill Pipe				Depth			Street								
Tool				Depth			City								
Cement Left in Csg.	15'			Shoe Joint			State								
Press Max.				Minimum			The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line				Displace			X								
Perf.							Purchase Order No.								
EQUIPMENT															
X <i>Harold Moley</i> CEMENT															

No.	Cementer	
Pumptrk 191	Helper	<i>Gary H. Bill Mc.</i>
No.	Cementer	
Pumptrk	Helper	
	Driver	<i>Jason C.</i>
Bulktrk #218	Driver	

Amount Ordered	165 sks @ 1/40 per 2 bagel, 36 c.c.	
Consisting of		
Common	99 sks @ 5.50/sk.	# 544.50
Poz. Mix	66 sks @ 2.00/sk.	165.00
Gel.	3 sks	N/C.
Chloride	4 sks @ 21.00/sk.	84.00
Quickset		
Sales Tax		
Handling	21.00/sk. (165 sks)	165.00
Mileage	2044/sk./mi. (46 mi.)	303.00
Sub Total		1262.10
Total		

DEPTH of Job		
Reference #1	Pumptruck-surface	# 390.00
#13	mileage @ 2.00/mi.	92.00
	1-8 7/8" wooden plug	42.00
	Sub Total	514.00
	Tax	
	Total	

Remarks: *Cement Circulated*

Floating Equipment *Thanks*

# 1776.10  
 less discount 355.00  
 # 1420.98

RECEIVED  
 STATE COMMISSION  
 check # 2214

NOV 6 1993

STATE OF KANSAS