

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

ORIGINAL

Operator: License # 33704  
Name: A & A DISCOVERY, LLC  
Address: 748 S 4TH  
City/State/Zip: HILL CITY KS 67642  
Purchaser: \_\_\_\_\_  
Operator Contact Person: DARREL ANDERSON  
Phone: ( 785 ) 567-6144  
Contractor: Name: ANDERSON DRILLING  
License: 33237  
Wellsite Geologist: RICHARD BELL

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: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

01-29-08	02-05-08	02-05-08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23404-00-00  
County: GRAHAM  
SE  NE  NW  NE Sec. 4 Twp. 10 S. R. 24  East  West  
595 feet from S / (N) (circle one) Line of Section  
1615 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: CRITCHFIELD Well #: 1  
Field Name: WILDCA'T  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2513' Kelly Bushing: \_\_\_\_\_  
Total Depth: 4140 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 223 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 cmrt.

**Drilling Fluid Management Plan** *Alt II w/wh*  
(Data must be collected from the Reserve Pit) *5-11-08*  
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. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Operator Date: 2-18-08  
Subscribed and sworn to before me this 18th day of February,  
20 08.  
Notary Public: *Darrel Anderson*  
Date Commission Expires: January 21, 2012

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received **RECEIVED**  
 Geologist Report Received **KANSAS CORPORATION COMMISSION**  
 UIC Distribution **FEB 19 2008**

CONSERVATION DIVISION  
WICHITA, KS

NOTARY PUBLIC  
**RITA A. ANDERSON**  
NOTARY PUBLIC  
STATE OF KANSAS  
My App. Exp. 12-1-12

Operator Name: A & A DISCOVERY, LLC Lease Name: CRITCHFIELD Well #: 1  
 Sec. 4 Twp. 10 S. R. 24  East  West County: GRAHAM

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <p style="text-align: center;"><b>RADIATION GUARD LOG</b></p>	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Andhydrite</td> <td>2160</td> <td>+ 358</td> </tr> <tr> <td>Base Andhydrite</td> <td>2195</td> <td>+ 321</td> </tr> <tr> <td>Topeka</td> <td>3604</td> <td>-1086</td> </tr> <tr> <td>HEEBNER</td> <td>3823</td> <td>-1305</td> </tr> <tr> <td>Toronto</td> <td>3846</td> <td>-1328</td> </tr> <tr> <td>Lansing</td> <td>3863</td> <td>-1344</td> </tr> <tr> <td>B/KC</td> <td>4088</td> <td>-1570</td> </tr> </table>	Name	Top	Datum	Andhydrite	2160	+ 358	Base Andhydrite	2195	+ 321	Topeka	3604	-1086	HEEBNER	3823	-1305	Toronto	3846	-1328	Lansing	3863	-1344	B/KC	4088	-1570
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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
SURFACE	12 1/4"	8 5/8"	20	223	150	COM	3%CC; 2% GEL

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		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	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**FEB 19 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC.

29572

Federal Tax I.D.#

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: P

DATE <u>1-29-08</u>	SEC. <u>4</u>	TWP. <u>10</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>11:00</u>
LEASE <u>...</u>	WELL# <u>1</u>	LOCATION <u>Widow's N. R. Rd. Sec</u>			COUNTY <u>Graham</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>700 15 New Sect.</u>					

CONTRACTOR AA Drilling Rig #2

TYPE OF JOB Service Job

HOLE SIZE 12 1/4 T.D. 223

CASING SIZE 8 5/8 DEPTH 223

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 11'

PERFS.

DISPLACEMENT 1.3 1/2 411

OWNER

CEMENT

AMOUNT ORDERED 150 lbs 5000

29 Gal

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

### EQUIPMENT

PUMP TRUCK CEMENTER Shane

# ... HELPER Matt

BULK TRUCK

# ... DRIVER Chuck

BULK TRUCK

# DRIVER

### REMARKS:

Capitol Creek

CHARGE TO: ...

STREET

CITY STATE ZIP

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Chuck

RECEIVED  
KANSAS CORPORATION COMMISSION  
FEB 19 2008  
CONSERVATION DIVISION  
WICHITA, KS

HANDLING @

MILEAGE @

TOTAL

### SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

### PLUG & FLOAT EQUIPMENT

@

@

F 1/2 1000 Plug @

@

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

# ALLIED CEMENTING CO., INC.

Federal Tax I.D.

29633

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>2-5-08</u>	SEC <u>4</u>	TWP. <u>10</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 PM</u>	JOB FINISH <u>6:30 PM</u>
LEASE <u>CRITCHFIELD</u>	WELL # <u>1</u>	LOCATION <u>Wakeeney N. To Redline</u>			COUNTY <u>GRAHAM</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		RD. 7w/1s 1/2 W & S INTO					

CONTRACTOR A & A Drilling Rig # 2

TYPE OF JOB ROTARY PLUG

HOLE SIZE 7 7/8 T.D. 4140'

CASING SIZE 8 5/8 SURE DEPTH 222'

TUBING SIZE DEPTH 2170'

DRILL PIPE 4 1/2 F-H DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 190 SK 60/40 4% GEL

1/4# F-10-SEAL PER SK

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 19 2008

CONSERVATION DIVISION  
WICHITA, KS

HANDLING TOTAL SK @

MILEAGE 85 For Mile @

TOTAL \_\_\_\_\_

### EQUIPMENT

PUMP TRUCK CEMENTER Glenn

# 398 HELPER GARY

BULK TRUCK DRIVER Neale

# 345

BULK TRUCK DRIVER

### REMARKS:

- 25 SK @ 2170
- 100 SK @ 1099
- 40 SK @ 265
- 10 SK @ 40' w/ plug
- 15 SK @ RAT HOLE

THANKS

CHARGE TO: A & A Discovery LLC.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 85 @ 2.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

### PLUG & FLOAT EQUIPMENT

8 5/8 Day Hole Plug @ 39.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME \_\_\_\_\_