

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

Form ACO-1  
June 2009  
**Form Must Be Typed**  
**Form must be Signed**  
**All blanks must be Filled**

**ORIGINAL**

OPERATOR: License # 5123  
Name: Pickrell Drilling Co. Inc.  
Address 1: 100 S. Main, Suite 505  
Address 2: \_\_\_\_\_  
City: Wichita, State: Ks Zip: 67212 + 3738  
Contact Person: Larry J. Richardson  
Phone: ( 316 ) 262-8427  
CONTRACTOR: License # 5123  
Name: Company Tools  
Wellsite Geologist: Jerry Smith  
Purchaser: N/A

**RECEIVED**

**JUN 17 2010**

**KCC WICHITA**

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SLOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic     Other (Core, Expl., 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     Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled    Permit #: \_\_\_\_\_
- Dual Completion    Permit #: \_\_\_\_\_
- SWD    Permit #: \_\_\_\_\_
- ENHR    Permit #: \_\_\_\_\_
- GSW    Permit #: \_\_\_\_\_

<u>5-25-10</u>	<u>06-03-10</u>	<u>06-04-10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 083-21624-0000  
Spot Description: 80' N. & 50' E. of C E/2 SW SW  
SE NE SW SW Sec. 4 Twp. 21 S. R. 25  East  West  
740 Feet from  North /  South Line of Section  
1,040 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Hodgeman  
Lease Name: Cottonwood "A" Well #: 2  
Field Name: Almquist South  
Producing Formation: None  
Elevation: Ground: 2361 Kelly Bushing: 2366  
Total Depth: 4482 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 262' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 262  
feet depth to: surface w/ 170 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 7800 ppm Fluid volume: 400 bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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.

**AFFIDAVIT**

I am the affiant and I hereby certify that 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: Jack Gurley  
Title: Jack Gurley V.P. Date: 06-16-10

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: DG Date: 6/17/10

Operator Name: Pickrell Drilling Co. Inc. Lease Name: Cottonwood "A" Well #: 2  
 Sec. 4 Twp. 21 S. R. 25  East  West County: Hodgeman

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets)  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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If no, Submit Copy)  List All E. Logs Run: <span style="font-family: cursive;">Vlog</span> <b>Radiation Guard</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3761</td> <td>1395</td> </tr> <tr> <td>Lansing</td> <td>3803</td> <td>1437</td> </tr> <tr> <td>Stark</td> <td>4082</td> <td>1716</td> </tr> <tr> <td>Fort Scott</td> <td>4334</td> <td>1968</td> </tr> <tr> <td>Cherokee Shale</td> <td>4360</td> <td>1994</td> </tr> <tr> <td>Mississippi</td> <td>4439</td> <td>2073</td> </tr> <tr> <td>Mississippi dolomite</td> <td>4461</td> <td>2095</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3761	1395	Lansing	3803	1437	Stark	4082	1716	Fort Scott	4334	1968	Cherokee Shale	4360	1994	Mississippi	4439	2073	Mississippi dolomite	4461	2095
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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 Casing	12 1/4	8 5/8"	23#	262'	common	170	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
	N/A	<b>RECEIVED</b>  <b>JUN 17 2010</b>  <b>KCC WICHITA</b>	

TUBING RECORD: Size: <u>N/A</u> Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>N/A</u>		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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# ALLIED CEMENTING CO., LLC. 038859

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

SERVICE POINT:  
*Oakley, KS*

DATE <i>5/25/10</i>	SEC. <i>4</i>	TWP. <i>21</i>	RANGE <i>25</i>	CALLED OUT	ON LOCATION <i>6:00p</i>	JOB START <i>11:30p</i>	JOB FINISH <i>12:00mid</i>
LEASE <i>Cottonwood A</i>	WELL # <i># 2</i>	LOCATION <i>Neas City 5 1 mile Past</i>			COUNTY <i>Holysman</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one)		<i>County Line 9 1/4 W N into</i>					

CONTRACTOR *Pickrell # 10*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *262'*

CASING SIZE *8 5/8* DEPTH *265'*

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *16.05 BBH H<sub>2</sub>O*

OWNER *Same*

CEMENT AMOUNT ORDERED *170 Com 300CL*

*207000*

COMMON	<i>170 SKs</i>	@	<i>13.65</i>	<i>2320.50</i>
POZMIX		@		
GEL	<i>3 SKs</i>	@	<i>20.90</i>	<i>61.20</i>
CHLORIDE	<i>6 SKs</i>	@	<i>57.10</i>	<i>342.90</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>179 SKs</i>	@	<i>2.90</i>	<i>429.60</i>
MILEAGE	<i>10.5/11 mile</i>			<i>447.50</i>

**EQUIPMENT**

PUMP TRUCK # *402* CEMENTER *Alan*

HELPER *Wayne*

BULK TRUCK # *377* DRIVER *Jerry*

DRIVER

**REMARKS:**

*Cement Did Circulate*

*Thank You  
Alan, Wayne, Jerry*

CHARGE TO: *Pickrell Drilling Co*

STREET

CITY STATE ZIP

**SERVICE**

DEPTH OF JOB

PUMP TRUCK CHARGE *999.00*

EXTRA FOOTAGE @

MILEAGE *25* @ *7.00* *175.00*

MANIFOLD @

RECEIVED  
JUN 17 2010

TOTAL *1174.00*

**KCC WICHITA GREAT EQUIPMENT**

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment

# ALLIED CEMENTING CO., LLC. 039264

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

SERVICE POINT:  
COATLEY KS

6-3-10 DATE	SEC 4	TWP. 21	RANGE 25	CALLED OUT	ON LOCATION 9:30am	JOB START 1:30am	JOB FINISH 2:00am
COALWOOD LEASE "A"	WELL # 2	LOCATION Ness City S - Rd X - 912 W			COUNTY Hodgeman	STATE KS	
OLD OR NEW (Circle one)				won			

CONTRACTOR Pickrell #10

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4482

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 1650'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 230 SKS 60/40  
40 SKS 114 SKS 50-50A1

COMMON	<u>138</u>	@	<u>13.65</u>	<u>1883.20</u>
POZMIX	<u>92</u>	@	<u>7.60</u>	<u>699.20</u>
GEL	<u>8</u>	@	<u>20.40</u>	<u>163.20</u>
CHLORIDE		@		
ASC		@		
<u>Flo Seal</u>	<u>58#</u>	@	<u>2.45</u>	<u>142.10</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>240</u>	@	<u>2.10</u>	<u>504.00</u>
MILEAGE	<u>.10 x 5 km</u>			<u>480.00</u>
TOTAL				<u>3872.20</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Fuzz4

# 423 HELPER LaRene

BULK TRUCK

# 473 DRIVER Neath

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

50 SKS @ 1650'

80 SKS @ 750'

50 SKS @ 290'

20 SKS @ 60'

30 SKS RM

Job complete @ 1:45am

Thanks Fuzz4 crew

**SERVICE**

DEPTH OF JOB	<u>1650'</u>		
PUMP TRUCK CHARGE			<u>1000.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@	<u>7.00</u> <u>140.00</u>
MANIFOLD		@	
		@	
		@	
<b>RECEIVED</b>			
JUN 17 2010			
TOTAL			<u>1140.00</u>

CHARGE TO: Pickrell Dalg.

STREET \_\_\_\_\_

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

**KCC WICHITA**  
PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment

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

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

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

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

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

**PICKRELL DRILLING COMPANY, INC.**

100 SOUTH MAIN - SUITE 505  
WICHITA, KANSAS 67202-3738  
(316) 262-8427 • FAX (316) 262-0893

June 16, 2010

Marjorie Marcotte  
Kansas Corporation Commission  
130 S. Market, Room 2078  
Wichita, Kansas 67202-3802

Re: API#: 15-083-21624  
#2 Cottonwood "A"  
SE NE SW SW  
Section 4-21S-25W  
Ness County, Kansas

Dear Ms. Marcotte:

This letter stands as confirmation that the Electric Logs (LAS files) on the above captioned well have been emailed to the KCC on June 15, 2010. The Well Plugging Record was submitted via solar to the KCC today, June 16<sup>th</sup>, 2010 as well.

I have enclosed a copy of the DST's taken on the Cottonwood "A" 2 as well as the Geologist report with the submitted ACO-1

Respectfully Submitted,

**PICKRELL DRILLING COMPANY, INC.**



Della Lewis  
Geological Department

/dl

RECEIVED  
JUN 17 2010  
KCC WICHITA