

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5146
Name: Rains & Williamson Oil Co., Inc.
Address 1: 220 W. Douglas, Suite 110
Address 2: _____
City: Wichita State: KS Zip: 67202 + _____
Contact Person: Juanita Green
Phone: (316) 265-9686
CONTRACTOR: License # 30606
Name: Murfin Drilling Company, Inc.
Wellsite Geologist: James C. Musgrove
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 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>12/4/10</u>	<u>12/15/10</u>	<u>1/19/11</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 179-21270-00-00

Spot Description: 25' S

W/2_NE_NW_ Sec. 36 Twp. 9 S. R. 26 East West

685 Feet from North / South Line of Section

1,650 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Sheridan

Lease Name: Fore Well #: 5-36

Field Name: Gra-Sher NW

Producing Formation: Lansing/Kansas City

Elevation: Ground: 2615' Kelly Bushing: 2620'

Total Depth: 4150' Plug Back Total Depth: 4125'

Amount of Surface Pipe Set and Cemented at: 222' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: Stage Collar 2230 Feet

If Alternate II completion, cement circulated from: 2230'

feet depth to: surface w/ 430 lite _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: Allow to dry and backfill

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: Pat Thome

Title: Vice President Date: 2/10/11

KCC Office Use ONLY

Letter of Confidentiality Received

RECEIVED

Date: _____
 Confidential Release Date: FEB 11 2011

Wireline Log Received

Geologist Report Received

KCC WICHITA

UIC Distribution

ALT I II III Approved by: Dg Date: 2/25/11

Operator Name: Rains & Williamson Oil Co., Inc. Lease Name: Fore Well #: 5-36

Sec. 36 Twp. 9 S. R. 26 East West County: Sheridan

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 <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Log, Dual Compensated Porosity Log, Microresistivity Log	<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>Anhydrite</td> <td>2255</td> <td>+365</td> </tr> <tr> <td>Base Anhydrite</td> <td>2291</td> <td>+329</td> </tr> <tr> <td>Topeka</td> <td>3613</td> <td>-993</td> </tr> <tr> <td>Heebner</td> <td>3826</td> <td>-1206</td> </tr> <tr> <td>Toronto</td> <td>3847</td> <td>-1227</td> </tr> <tr> <td>Lansing</td> <td>3864</td> <td>-1244</td> </tr> <tr> <td>Base Kansas City</td> <td>4095</td> <td>-1475</td> </tr> </table>	Name	Top	Datum	Anhydrite	2255	+365	Base Anhydrite	2291	+329	Topeka	3613	-993	Heebner	3826	-1206	Toronto	3847	-1227	Lansing	3864	-1244	Base Kansas City	4095	-1475
Name	Top	Datum																							
Anhydrite	2255	+365																							
Base Anhydrite	2291	+329																							
Topeka	3613	-993																							
Heebner	3826	-1206																							
Toronto	3847	-1227																							
Lansing	3864	-1244																							
Base Kansas City	4095	-1475																							

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"	23#	222'	Common	175	3% cc, 2% gel
Production	7 7/8"	5 1/2"	14#	4149'	ASC	175	10% salt, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Perforated @ 850'			cemented w/140 sx 60/40 poz & 50 sx common. Good circulation to surface.
	2230' to surface	Lite	430	

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
4	Perforated 4064-4067 & 4043-4050	300 gal, 15% mud acid, retreat w/1200 gal, 15%NEFE	
4	Perforated 3998-4003	300 gal, 15% mud acid, retreat w/1200 gal, 15%NEFE	
4	Perforated 3892-3895	1200 gal, 15% NEFE	

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>4124'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	RECEIVED FEB 11 2011 KCC WICHITA
Date of First, Resumed Production, SWD or ENHR. <u>1/19/11</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. <u>130</u>	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 <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

ALTERNATE I & II
Work Sheet

KCC District #4

Called in:

01 04 2011
Time Month Day Year

API # 15-179-21,270-00-00

Mr: Claude Blakesley 785-786-6791

Spud Date: _____

Expiration Date: 11-17-11

Operator: Rains & Williamson Oil Co.

KCC # 5146

Address: Wichita Kansas 67202 Phone# (316) 722-7915

Lease Name: Fore Well # 5-36

Location : W2-NE-NW/4 County: Sheridan

Sec: 36 Twp: 09 Rge: 26W

10 $\frac{3}{4}$ " _____ 8 $\frac{5}{8}$ " 222 S.P. cwc w/ ??? sx. Cmt.

4 $\frac{1}{2}$ " - 5 $\frac{1}{2}$ " - 6" csg. Set @ 4150 w/ 175 sx cmt.

T.D. 4152 Elev. 2615 Anhy: 2254-88 Dakota base: 1400

D.V. Tool @ 2276 Port Collar @ _____ Perf @ _____ Other _____

Total Amount of Cmt / Blend: Ordered 175 sx 60/40 pozmix 6 % gel and 50 sx of Common cement.

Cmt circ ? Yes Date 01-04-2011 Cement Company: Swift Ticket# 19505

Alternate II Completion: Rotary Rig Pulling Unit Backside:

Remarks: Bond log found cement @ 1000 feet from surface. Operator consulted

Bruce Basye @ KCC and perforated @ 850 feet. Set packer over perforation and pressured annulus. Pumped 140 sx of 60/40 pozmix 6 % gel cement. Good cement to surface. Pumped 50 sx common 3 % gel cement. Low pressure squeeze.

GPS: Lat: 39.23165 Long: -100.17642

Darrel Dipman 01-04-2011
Witness (sign) Date

ALTERNATE I & II
Work Sheet

KCC District #4

Called in:

Time 12 Month 15 Day 2010 Year API # 15-179-21,270-00-00

Mr: Claude Blakesley Spud Date: _____

Expiration Date: 11-17-11

Operator: Rains & Williamson Oil Co. KCC # 5146

Address: Wichita Kansas 67202 Phone# (316) 722-7915

Lease Name: Fore Well # 5-36

Location : W2-NE-NW/4 County: Sheridan

Sec: 36 Twp: 09 Rge: 26W

10 $\frac{3}{4}$ " 8 5/8" 222 S.P. cwc w/ ??? sx. Cmt.

4 $\frac{1}{2}$ " - 5 $\frac{1}{2}$ " - 6" csg. Set @ 4150 w/ 175 sx cmt.

T.D. 4152 Elev. 2615 Anhy: 2254-88 Dakota base: 1400

D.V. Tool @ 2276 Port Collar @ _____ Perf @ _____ Other _____

Total Amount of Cmt / Blend: Ordered 175 sx ACS on bottom & 475 sx 60/40 poz

8 % gel for upper stage mixed with $\frac{1}{4}$ # flo cele.

Cmt circ ? No Date 11-15-2010 Cement Company: Allied Ticket# 35,528

Alternate II Completion: Rotary Rig Pulling Unit Backside:

Remarks: Cemented lower stage with no circulation. Pumped mud prior to cement

On upper stage. Gained moderate returns. Failed to gain circulation when shut down to release DV closing tool. Pumped 475 sx cement. Log shows Dakota base @ 1375 feet. Operator will drill out DV then run bond log.

GPS: Lat: 39.23165 Long: -100.17642

Darrel Dipman 12-15-2010
Witness (sign) Date

ALLIED CEMENTING CO., LLC. 035528

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

SERVICE POINT: Oakley KS

DATE <u>12/15/10</u>	SEC. <u>36</u>	TWP. <u>9</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30 AM</u>	JOB FINISH <u>6:30 PM</u>
LEASE <u>Fore</u>	WELL # <u>5-36</u>	LOCATION <u>Quarter SE N 70 R 90 S</u>			COUNTY <u>Sheridan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>1/2 E S 170</u>				

CONTRACTOR Murkin #8
 TYPE OF JOB Production 2" Stage Top & Bottom
 HOLE SIZE 5 7/8 O.D. 4 1/2
 CASING SIZE 5 1/2 DEPTH 4152
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL OV DEPTH 2276.91
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 21.5
 CEMENT LEFT IN CSG. 21.5
 PERFS.
 DISPLACEMENT

OWNER Same
 CEMENT
 AMOUNT ORDERED 175 SKS ASC 1070 salt
270 gal 475 SKS 15 Te 1/4 lb Flo Seal
500 gal WFR II RECEIVED

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Alan</u>
# <u>422</u>	HELPER	<u>Wayne</u>
BULK TRUCK		
# <u>404</u>	DRIVER	<u>Jerry</u>
BULK TRUCK		
# <u>394</u>	DRIVER	<u>John</u>

COMMON	@	<u>FEB 11 2011</u>
POZMIX	@	
GEL	@	<u>KCC WICHITA</u>
CHLORIDE	@	
ASC <u>175 SKS</u>	@	<u>18⁰⁰ 3255⁰⁰</u>
<u>ALW - 475 SKS</u>	@	<u>14⁰⁰ 6673²⁵</u>
<u>Flo Seal - 119 lb</u>	@	<u>297⁵⁰</u>
	@	<u>2⁵⁰</u>
<u>WFR II 500 gal</u>	@	<u>1²² 635⁰⁰</u>
HANDLING <u>216 SKS</u>	@	<u>2⁴⁰ 1718⁴⁰</u>
MILEAGE <u>104 SK/mile</u>	@	<u>3580⁰⁰</u>
		TOTAL <u>16159⁶⁵</u>

REMARKS:

Run 5 1/2 cas circulation on bottom 1/2 hr, Pump Bulk Then insert.
Mix 175 SKS ASC 1070 salt 270 gal, Displace Plug w/ 45 60LH 00
5 1/2 800 Rig Motor/600 PSE Lift Land Plug @ 1500 PSE, WIT Circulation @ 25 600 SKS mixed.
Insert and hold. Deep opening tool open tool Circulate
Displace Plug w/ 45 60LH 00. Mix 30 SKS Annular 620 SKS Cut 600
Mix 15 SKS Down 5 1/2 Cas. Displace Plug w/ 55
60LH 00 w/ 1500 PSE Lift Land Plug @ 9800 PSE.
Tool: GOT 5 Light returns on top stage.
Cement did NOT Circulate
Thank You Alan, Wayne, Jerry

SERVICE

DEPTH OF JOB		<u>4152'</u>
PUMP TRUCK CHARGE	<u>Bottom</u>	<u>2092⁰⁰</u>
EXTRA FOOTAGE	@ <u>TOP</u>	<u>1185⁰⁰</u>
MILEAGE	@ <u>50 miles</u>	<u>350⁰⁰</u>
MANIFOLD	@	
	@	
	@	

CHARGE TO Rainey & Williams
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 3627⁰⁰

PLUG & FLOAT EQUIPMENT

<u>Flo Plug -</u>		<u>87⁰⁰</u>
<u>OV Tool</u>	@	<u>2832⁰⁰ 2832⁰⁰</u>
<u>Insect-APU</u>	@	<u>112⁰⁰ 112⁰⁰</u>
<u>Centralizer</u>	@	<u>35⁰⁰ 210⁰⁰</u>
<u>Basket</u>	@	<u>161⁰⁰ 161⁰⁰</u>
<u>Wide Shave</u>	@	<u>101⁰⁰ 101⁰⁰</u>
		TOTAL <u>3503⁰⁰</u>

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Claude Blahusky
 SIGNATURE Claude Blahusky

ALLIED CEMENTING CO., LLC. 040778

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

SERVICE POINT:
C.T. Bernal KS

DATE <u>12.4.10</u>	SEC. <u>36</u>	TWP. <u>9</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION <u>4:30pm</u>	JOB START <u>7:00pm</u>	JOB FINISH <u>7:30pm</u>
LEASE <u>Ferris</u>	WELL# <u>S-36</u>		LOCATION <u>Quarter mile W on e Rd</u>		COUNTY <u>Sheridan</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>78 - N - Rd 905 - 1/2 E S 36</u>				

CONTRACTOR MURPHY

TYPE OF JOB Surface

HOLE SIZE 17 1/4 T.D. 222'

CASING SIZE 2 1/8 DEPTH 222'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13.1

OWNER _____

CEMENT AMOUNT ORDERED 175 com 390cc

290cc

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

3166 HELPER Bobby

BULK TRUCK DRIVER Cathy

482

BULK TRUCK DRIVER _____

COMMON	<u>175</u>	@ <u>15.45</u>	<u>2703.75</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>20.00</u>	<u>60.00</u>
CHLORIDE	<u>6</u>	@ <u>58.00</u>	<u>348.00</u>
ASC		@	
HANDLING	<u>184</u>	@ <u>2.50</u>	<u>460.00</u>
MILEAGE	<u>10 x 5 km. 10</u>		<u>920.00</u>
TOTAL			<u>4476.95</u>

RECEIVED
FEB 11 2011
KCC WICHITA

REMARKS:

cement did not circulate

ground cement 10' on grade

CS Pipe

Job complete @ 7:00pm

Thanks Fuzzy crew

SERVICE

DEPTH OF JOB 222'

PUMP TRUCK CHARGE 1018.00

EXTRA FOOTAGE @ _____

MILEAGE 50 @ 7.00 350.00

MANIFOLD @ _____

TOTAL 1368.00

CHARGE TO: Ferris & Williamson

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Rodney Fair

SIGNATURE Rodney Fair

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS