

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 # 33401
Name: Fred Ernst
Address 1: 1004 North Main
Address 2: _____
City: Russell State: Ks Zip: 67665 + _____
Contact Person: Fred Ernst
Phone: (785) 324-0146
CONTRACTOR: License # 33237
Name: Anderson Drilling
Wellsite Geologist: Richard Bell
Purchaser: Coffeyville

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: Ernst Oil
Well Name: Becker A 2
Original Comp. Date: 11/7/06 Original Total Depth: 3430
 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 #: _____

8/22/06 4/30/12 8/27/06 11/7/06 4/30/12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-23553-00-0002
Spot Description: Rooks
se sw nw se Sec. 34 Twp. 9 S. R. 16 East West
1,490 1474 Feet from North / South Line of Section
2,120 2054 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rooks
Lease Name: Becker Well #: 2
Field Name: Kruse Northwest
Producing Formation: Lansing
Elevation: Ground: 1935 Kelly Bushing: 1942
Total Depth: 3430 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 217 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1077 Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ 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 #: _____

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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: [Signature]
Title: Operator Date: 6/11/12

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: Dlg Date: 6/15/12

Operator Name: FRED A. ERNST Lease Name: BECKER-A Well #: 2
 Sec. 34 Twp. 9 S. R. 16 East West County: ROOKS

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: MICRO / DUEL LATERAL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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 1/2	8 5/8	23 LBS	217	COM 10% SALT	160	3%CC;2% GEL
CASING	9 3/4	4 1/2	10 1/2 LBS	3427	COM 10% SALT	200	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 (Amount and Kind of Material Used)		Depth
4	3292-3296	250 GALLONS MUD ACID		3296
4	3220-3224	250 GALLONS MUD ACID		3224
1	3131 1/2	250 GALLONS MUD ACID 2000 GAL 18%		3131
4	3119-3121	250 GALLONS MUD ACID		3121
4	3093-3097 3134-3198 3059 1/2	250 GALLONS MUD ACID EA		3097

TUBING RECORD		Size 2 1/2	Set At 3400	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 4/30/2012		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 2.5	Gas Mcf NONE	Water Bbls. 0	Gas-Oil Ratio OIL ONLY	Gravity 35

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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ALLIED CEMENTING CO., INC.

27998

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

SERVICE POINT:

Russell

SE SW/NW SE

DATE <u>8-22-06</u>	SEC. <u>34</u>	TWP. <u>9</u>	RANGE <u>16</u>	CALLED OUT <u>6:00 PM</u>	ON LOCATION <u>7:00 PM</u>	JOB START <u>8:45 AM</u>	JOB FINISH <u>9:15 PM</u>
LEASE <u>Becker</u>	WELL # <u>A-2</u>	LOCATION <u>Natoma W to RD 29</u>	COUNTY <u>ROCKS</u>	STATE <u>KANSAS</u>			
OLD OR <u>NEW</u> (Circle one)				<u>IN 1/4 W 1/4 N + W + N INTO</u>			

CONTRACTOR A & A Drilling Rig #1

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 211

CASING SIZE 8 5/8 New DEPTH 211

TUBING SIZE 20 # csg. DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 12 1/2 / BBL

OWNER

CEMENT

AMOUNT ORDERED 160 SK Com

3% CC

2% GEL

COMMON	<u>160</u>	@	<u>1065</u>	<u>1704.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>1665</u>	<u>49.95</u>
CHLORIDE	<u>5</u>	@	<u>4660</u>	<u>233.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>160</u>	@	<u>190</u>	<u>319.20</u>
MILEAGE	<u>39 Ton Mile</u>			<u>483.00</u>
TOTAL				<u>2789.99</u>

EQUIPMENT

PUMP TRUCK CEMENTER [Signature]

398 HELPER [Signature]

BULK TRUCK

345 DRIVER [Signature]

BULK TRUCK

DRIVER

REMARKS:

Cement
Circulated

THANK'S

CHARGE TO: FRED ERNST Oil

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>39</u>	@	<u>6.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>107.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 WOODEN WIPER Plug</u>			<u>60.00</u>
	@		
	@		

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TOTAL 60.00

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

ALLIED CEMENTING CO., INC.

22048

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

SERVICE POINT:
Russell

DATE <u>11-7-06</u>	SEC. <u>34</u>	TWP. <u>9</u>	RANGE <u>16</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>8:30 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>1:30 PM</u>
LEASE <u>Becker</u>	WELL # <u>A-2</u>	LOCATION <u>NATOMA 3 W TO RD 29</u>	COUNTY <u>ROCK'S</u>	STATE <u>KANSAS</u>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>N. DEAD END. 1/2 W 2 N & W INTO</u>				

CONTRACTOR <u>DAVE'S WELL SERVICE</u>	OWNER <u>"Same"</u>
TYPE OF JOB <u>PORT-COLLAR OPEN - Circ cement</u>	<u>(USED 190 SK)</u>
HOLE SIZE _____ T.D. _____	CEMENT _____
CASING SIZE <u>4 1/2"</u> DEPTH _____	AMOUNT ORDERED <u>350 SK 69 TO 6 GEL</u>
TUBING SIZE <u>2"</u> DEPTH _____	<u>1/4 # FLO-SEAL</u>
DRILL PIPE <u>DW-PACKER</u> DEPTH <u>COLE PINKEL</u>	<u>PER SK</u>
TOOL <u>PORT COLLAR @</u> DEPTH <u>1077'</u>	
PRES. MAX <u>1000#</u> MINIMUM _____	COMMON <u>114 SK @ 10.65 1214.10</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX <u>76 SK @ 5.80 440.80</u>
CEMENT LEFT IN CSG. _____	GEL <u>10 SK @ 16.65 166.50</u>
PERFS. _____	CHLORIDE _____ @ _____
DISPLACEMENT <u>3 1/2 / BBL</u>	ASC _____ @ _____
	<u>FLO-SEAL 50 # @ 2.00 100.00</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>GILLEN</u>
# <u>398</u>	HELPER <u>GARY</u>
BULK TRUCK	
# <u>362</u>	DRIVER <u>BRANDON</u>
BULK TRUCK	
# _____	DRIVER _____

HANDLING <u>3169 TOTAL SK @ 1.90</u>	<u>701.10</u>
MILEAGE <u>35 TAX MILE 1.09¢</u>	<u>1162.35</u>
TOTAL	<u>3784.00</u>

REMARKS:

B. Avg @ 2900', Test To 1000# (HELD). Found PORT COLLAR @ 1077' OPEN + RECEIVED VERY GOOD CIRCULATION MIXED 190 SK CEMENT, & CEMENT CIRCULATED AROUND ANNULAS. DISP 3 1/2 BBL, Closed PORT COLLAR & Test To 1000# (HELD). RAN 9 JTS' & WASHED CSG, CLEAN. Pull Tubing.

THANKS

SERVICE

DEPTH OF JOB <u>1077 c-30'</u>	<u>955.00</u>
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE <u>x @</u>	
MILEAGE <u>35 @ 6.00</u>	<u>210.00</u>
MANIFOLD <u>yes</u>	

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JUN 14 2012 TOTAL 1165.00

CHARGE TO: FRED ERNST OIL

STREET _____

CITY _____ STATE _____ ZIP _____

KCC WICHITA
PLUG & FLOAT EQUIPMENT

KCC-Rep ON LOCATION

PAT STAAB, cement DID circulate!