

**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 # 8914
 Name: H & C Oil Operating, Inc.
 Address: P.O Box 86
 City/State/Zip: Plainville, KS 67663
 Purchaser: _____
 Operator Contact Person: Charles R. Ramsay
 Phone: (785) 434-7434
 Contractor: Name: American Eagle Drilling, LLC
 License: 33493
 Wellsite Geologist: Rick Hall
 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. _____

<u>11/8/07</u>	<u>11/14/07</u>	<u>11/15/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23366-00-00
 County: Graham
 NE NE SE Sec. 8 Twp. 7S S. R. 23 East West
2100' feet from S / N (circle one) Line of Section
330' feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Roberts Well #: 8-1
 Field Name: Wildcat
 Producing Formation: _____
 Elevation: Ground: 2417 Kelly Bushing: 2424
 Total Depth: 3935 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 304 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 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 No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

PA-Drig-11/20/09

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: Charles R Ramsay
 Title: President Date: 11/21/07
 Subscribed and sworn to before me this 21st day of November,
2007.
 Notary Public: Irene Fellhoelter
 Date Commission Expires: 4/4/11

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
DEC 05 2007

NOTARY PUBLIC - State of Kansas
IRENE FELLHOELTER
 My Appt. Expires 4/4/11

KCC WICHITA

Operator Name: H & C Oil Operating, Inc. Lease Name: Roberts Well #: 8-1
 Sec. 8 Twp. 7S S. R. 23 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: Dual Compensated Porosity, Microresistivity, Dual Induction, Sonic 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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2109</td> <td>+315</td> </tr> <tr> <td>Anhydrite Base</td> <td>2142</td> <td>+282</td> </tr> <tr> <td>Topeka</td> <td>3445</td> <td>-1021</td> </tr> <tr> <td>Heebner</td> <td>3650</td> <td>-1226</td> </tr> <tr> <td>Toronto</td> <td>3674</td> <td>-1250</td> </tr> <tr> <td>Lansing Kansas City</td> <td>3688</td> <td>-1264</td> </tr> <tr> <td>Base Kansas City</td> <td>3884</td> <td>-1460</td> </tr> </table>	Name	Top	Datum	Anhydrite	2109	+315	Anhydrite Base	2142	+282	Topeka	3445	-1021	Heebner	3650	-1226	Toronto	3674	-1250	Lansing Kansas City	3688	-1264	Base Kansas City	3884	-1460
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CASING RECORD <input 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#	304	common	185	2% gel, 3% c.c.

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, 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

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

RECEIVED
DEC 05 2007

KCC WICHITA

ALLIED CEMENTING CO., INC.

33275

Federal Tax I.D.

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

SERVICE POINT:

Russell

DATE <u>11-8-07</u>	SEC <u>8</u>	TWP. <u>7</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION <u>3:30pm</u>	JOB START	JOB FINISH <u>4:30pm</u>
LEASE <u>Roberts</u>	WELL # <u>8-1</u>	LOCATION <u>Hill City 346N</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR American Eagle

TYPE OF JOB SURFACE

HOLE SIZE 24 T.D. 310

CASING SIZE 18 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 19.11

OWNER

CEMENT

AMOUNT ORDERED 185 lbw Cem 3-2

COMMON	<u>185</u>	@	<u>11.00</u>	<u>2033.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>6</u>	@	<u>46.00</u>	<u>276.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>194</u>	@	<u>1.90</u>	<u>368.60</u>
MILEAGE	<u>SK/m/09</u>			<u>1204.74</u>
TOTAL				<u>3956.39</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bill

409 HELPER Adrian

BULK TRUCK

DRIVER Chuck

BULK TRUCK

DRIVER

REMARKS:

Ran 7 hrs of 8 1/2 inch etc 309

Cent of 185 lbw Cem 3-2

plug plug w/ 196 lbs

Cent did Circ.

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>815.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>69</u>	@	<u>6.00</u>	<u>414.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1229.00</u>

CHARGE TO: Agc Oil

STREET

CITY STATE ZIP

RECEIVED

DEC 05 2007 / 8 1/2 wood

PLUG & FLOAT EQUIPMENT

		@		<u>60.00</u>
		@		
		@		
		@		
		@		
TOTAL				<u>60.00</u>

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.

KCC WICHITA

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME

ALLIED CEMENTING CO., INC.

Federal Tax I.D.

26072

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT

R

DATE <u>11-15-07</u>	SEC. <u>8</u>	TWP. <u>7s</u>	RANGE <u>23w</u>	CALLED OUT	ON LOCATION <u>6:30 A.M.</u>	JOB START	JOB FINISH <u>10:30 A.M.</u>
LEASE <u>Roberts</u>		WELL # <u>8-1</u>	LOCATION <u>Hill City 3w 10th W</u>		COUNTY <u>Graham</u>	STATE <u>Ks</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR Am. Eagle #2

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8" T.D. 3935'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 190 60/40 4 7/8 Bel
1/4 H Flo Seal

COMMON	<u>114</u>	@	<u>11.00</u>	<u>1265.40</u>
POZMIX	<u>76</u>	@	<u>6.20</u>	<u>471.20</u>
GEL	<u>7</u>	@	<u>16.55</u>	<u>116.55</u>
CHLORIDE		@		
ASC		@		
<u>F10 Seal 48</u>		@	<u>2.00</u>	<u>96.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>197</u>	@	<u>1.90</u>	<u>374.20</u>
MILEAGE	<u>54/mi/0.9</u>			<u>1241.10</u>
TOTAL				<u>3564.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Paul

409 HELPER Adrian

BULK TRUCK

346409 DRIVER Matt

BULK TRUCK

_____ DRIVER _____

REMARKS:

25 sk @ 2125'

100 sk @ 1324'

40 sk @ 354'

10 sk - 40'

15 sk - Re-hole

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 8719.00

EXTRA FOOTAGE @ _____

MILEAGE 70 @ 6.00 420.00

MANIFOLD @ _____

TOTAL 1235.00

CHARGE TO: HAC Oil Op.

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED
DEC 05 2007
KCC WICHITA

PLUG & FLOAT EQUIPMENT

80% Re-hole @ 35.00

TOTAL 35.00

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 contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Pat Wagon

PRINTED NAME