

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

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

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

10-1-07	10-6-07	10-26-07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23649-00-00
County: Rooks
NE NE NE Sec. 4 Twp. 9 S. R. 18 East West
500 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: Love Well #: 4-4
Field Name: Yohe
Producing Formation: Lansing Kansas City
Elevation: Ground: 2015 Kelly Bushing: 2022
Total Depth: 3520 Plug Back Total Depth: 3430
Amount of Surface Pipe Set and Cemented at 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1354 Feet
If Alternate II completion, cement circulated from 1354
feet depth to Surface w/ 225 sx cmt.
Alt 2 - Dlg - 2/12/09

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.: _____

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: April 4, 2011

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
 Geologist Report Received **KANSAS CORPORATION COMMISSION**
 UIC Distribution
NOV 26 2007

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

CONSERVATION DIVISION
WICHITA, KS

Operator Name: H & C Oil Operating, Inc. Lease Name: Love Well #: 4-4
 Sec. 4 Twp. 9 S. R. 18 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 <i>(Attach Additional Sheets)</i> 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 <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Microlog, Compensated Density Neutron Log, Sonic Log, Cement Bond Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1380'</td> <td>+642</td> </tr> <tr> <td>Anhydrite Base</td> <td>1422</td> <td>+600</td> </tr> <tr> <td>Topeka</td> <td>2942</td> <td>-920</td> </tr> <tr> <td>Heebner</td> <td>3154</td> <td>-1132</td> </tr> <tr> <td>Toronto</td> <td>3176</td> <td>-1154</td> </tr> <tr> <td>Lansing Kansas City</td> <td>3195</td> <td>-1173</td> </tr> <tr> <td>Arbuckle</td> <td>3449</td> <td>-1428</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	1380'	+642	Anhydrite Base	1422	+600	Topeka	2942	-920	Heebner	3154	-1132	Toronto	3176	-1154	Lansing Kansas City	3195	-1173	Arbuckle	3449	-1428
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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#	220'	Common	160	2% Gel, 3% C.C.
Production	7 7/8"	5 1/2"	14#	3515	Common	180	10% salt

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	1356' - Surface	60/40 Posmix	225	6% gel, 1/4# floseal per sack

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 SPF	3450-3454	300 Gallon 15% MCA	3450
4 SPF	3364-3373	1000 Gallon 15% MCA	3364
	Set CIBP @ 3430'		3430
4 SPF	3348-3353	500 Gallon 15% MCA	3353
4 SPF	3231-3239	500 Gallon 15% MCA	3231

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	3423			
Date of First, Resumerd Production, SWD or Enhr. 10/28/07			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	12	0	28		36	

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 _____

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 26 2007

 CONSERVATION DIVISION
 WICHITA, KS

ALLIED CEMENTING CO., INC.

25752

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

SERVICE POINT:

DATE <u>10-2-07</u>	SEC. <u>4</u>	TWP. <u>9</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION <u>mid-nite</u>	JOB START <u>10:30-07</u>	JOB FINISH <u>6:40 AM</u>
LEASE <u>Love</u>	WELL # <u>4-4</u>	LOCATION <u>Phainville SW 1/4</u>			COUNTY <u>ROOKS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1/4 S 1/4 W INTO</u>			

CONTRACTOR AMERICAN Eagle Rig# OWNER _____

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 224

CASING SIZE 8 5/8 DEPTH 224

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13 / 88L

EQUIPMENT

PUMP TRUCK CEMENTER Glenn
398 HELPER John
BULK TRUCK
378 DRIVER Chuck
BULK TRUCK
_____ DRIVER _____

REMARKS:

Cement Circulated

THANKS

CHARGE TO: H & C Oil Company

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

Rob Wagon

PRINTED NAME

CEMENT AMOUNT ORDERED 160 SK Comm.

270 Gel
370 CC

COMMON 160 @ 110 176.00

POZMIX _____ @ _____

GEL 3 @ 1665 4995

CHLORIDE 5 @ 4650 23250

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 168 TOTAL SK @ 190 31920

MILEAGE 50 Ton Mile @ _____ 756.00

TOTAL 3134.15

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 215.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 50 @ 6.00 300.00

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 1115.00

PLUG & FLOAT EQUIPMENT

2 5/8 Sued @ _____ 60.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 60.00

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 26 2007

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

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

SERVICE POINT: 28021
Russell

DATE <i>10-7-07</i>	SEC. <i>4</i>	TWP. <i>9S</i>	RANGE <i>18W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>8:00 a.m.</i>
LEASE <i>Love</i>	WELL# <i>4-4</i>	LOCATION <i>Plainville 1W 4 3/4 N</i>	COUNTY <i>Rooks</i>	STATE <i>Ks.</i>			
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)		<i>Winto</i>					

CONTRACTOR *American Eagle Drilling Rig #3* OWNER

TYPE OF JOB *Production String*

HOLE SIZE *7 7/8* T.D. *3520*

CASING SIZE *5 1/2 14"* DEPTH *3515.35*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

FOOT *P.C.* DEPTH *1365*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *25.96*

CEMENT LEFT IN CSG. *25.96*

PERFS.

DISPLACEMENT *85.14 66*

CEMENT

AMOUNT ORDERED *180 Can 10% Salt*

1/4 # Flo Seal

500 Gal WFR-2

EQUIPMENT

PUMP TRUCK CEMENTER *Shane*

866 HELPER *John Roberts*

BULK TRUCK DRIVER *Chris Beck*

345

BULK TRUCK DRIVER

COMMON	<i>180</i>	@	<i>110</i>	<i>19800</i>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
Flo Seal	<i>45#</i>	@	<i>200</i>	<i>9000</i>
Salt	<i>17</i>	@	<i>1920</i>	<i>32640</i>
WFR-2	<i>500gals</i>	@	<i>100</i>	<i>50000</i>
HANDLING	<i>197</i>	@	<i>190</i>	<i>37400</i>
MILEAGE	<i>94/SK/Mile</i>			<i>88650</i>
TOTAL				<i>41520</i>

REMARKS:

Rat Hole 15 sks

Insert @ 3489.39

Landed Plug @ 1200 psi

Float Held !

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *16100*

EXTRA FOOTAGE @

MILEAGE *50* @ *600* *30000*

MANIFOLD @

TOTAL *19100*

CHARGE TO: *H + C*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Blue Post Cillar *17500*

Guide Shoe @ *17000*

AFU-Insert @ *26000*

2-Baskets @ *16500* *33000*

5-Centralizers @ *5000* *25000*

Rubber Plug @ *6500*

TOTAL *282500*

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: *Charles Ramsay*

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME: *CHARLES RAMSAY*

RECEIVED KANSAS CORPORATION COMMISSION

NOV 26 2007

CONSERVATION DIVISION WICHITA, KS

ALLIED CEMENTING CO., INC.

25407

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

SERVICE POINT:

Russell

DATE <u>10-25-07</u>	SEC. <u>12</u>	TWP. <u>18</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00 PM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Love</u>	WELL # <u>4</u>	LOCATION <u>Plainville SN 1 1/2 W SIMR</u>			COUNTY <u>ROCKS</u>	STATE <u>KANSAS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR CHITOS Well Service OWNER _____

TYPE OF JOB OPEN PORT Collar (Circ. Cement)

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2" DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE Dan's Packer DEPTH (Jessy D.)

TOOL PORT Collar @ DEPTH 1356'

PRES. MAX 1,000 # MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 4 1/2 BBL

EQUIPMENT _____

PUMP TRUCK CEMENTER Glenn

398 HELPER Gary

BULK TRUCK _____

362 DRIVER Doug

BULK TRUCK _____

_____ DRIVER _____

CEMENT	AMOUNT ORDERED	<u>325 SK 60 406 2 Gel</u>
		<u>4 # F10 Seal</u>
		<u>2 1/2 Sand Per SK Used 225 ml</u>
COMMON	<u>135</u>	@ <u>11.10</u> <u>1498.50</u>
POZMIX	<u>90</u>	@ <u>6.20</u> <u>558.00</u>
GEL	<u>11</u>	@ <u>16.60</u> <u>182.60</u>
CHLORIDE		@ _____
ASC		@ _____
	<u>Flo Seal 56</u>	@ <u>2.00</u> <u>112.00</u>
	<u>Sand 2</u>	@ <u>10.50</u> <u>21.00</u>
		@ _____
		@ _____
		@ _____
		@ _____
		@ _____
		@ _____
HANDLING	<u>340</u>	@ <u>1.90</u> <u>646.00</u>
MILEAGE	<u>52 Ton Mile @</u>	<u>1591.20</u>
TOTAL		<u>4609.85</u>

REMARKS:

RBP @ 2550' - TEST TO 1,000 # (HELD)
Spot 2 SK SAND @ 1957. Came
up + FOUND P.C. @ 1356; OPENED
+ Pumped 80 BBL DRUG. med. HAD
Very Good CIRCULATION AROUND
ANNULAS. - mixed 225 sk Cement
+ Cement CIRCULATED TO SURFACE,
Displaced 4 1/2 BBL. Closed PC, TEST TO
1,000 # - HELD. RAN SJTS, & WASHED CLEAN.

CHARGE TO: H & C Oil Company

STREET _____

CITY _____ STATE _____ ZIP _____

Cement Did Circulate!
KCC. (STATE REP. ON LOCATION)
PAT @.

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 Charles Ramsey

SERVICE

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	<u>955.00</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>52</u>	@ <u>6.00</u> <u>312.00</u>
MANIFOLD	@ _____
	@ _____
	@ _____
TOTAL	<u>1267.00</u>

PLUG & FLOAT EQUIPMENT

	@ _____	RECEIVED KANSAS CORPORATION COMMISSION NOV 26 2007 CONSERVATION DIVISION WICHITA, KS
	@ _____	
	@ _____	
	@ _____	
	@ _____	
TOTAL	_____	

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____