

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32210  
Name: Harry A. Spring  
Address: P.O. Box 1788  
City/State/Zip: Ardmore, OK 73402  
Purchaser: SemCrude  
Operator Contact Person: Harry A. Spring  
Phone: (580) 226-3800  
Contractor: Name: Murfin Drilling Company  
License: 30606  
Wellsite Geologist: Mike Davignon  
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. \_\_\_\_\_  
11-10-05 11-17-05 12-29-05  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 163-23481-00-0012  
County: Rooks  
NE - SW - SE - SW Sec. 36 Twp. 10 S. R. 20  East  West  
700 feet from (S) N (circle one) Line of Section  
880 4440 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: H-K Well #: 2  
Field Name: Marcotte  
Producing Formation: Lansing - Kansas City  
Elevation: Ground: 2049' Kelly Bushing: 2099'  
Total Depth: 3689' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 220 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1667 Feet  
If Alternate II completion, cement circulated from 1667  
feet depth to surface w/ 225 sx cmf.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 1000 bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

Alt-Log-4/2/09

**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: [Signature]  
Title: Manager Date: 1/29/07  
Subscribed and sworn to before me this 29 day of January  
2007  
Notary Public: [Signature]  
Date Commission Expires: 2-14-09

KCC Office Use ONLY

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

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 31 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Harry A. Spring Lease Name: H-K Well #: 2  
 Sec. 36 Twp. 10 S. R. 20  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 checked="" type="checkbox"/> Yes <input 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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> <tr> <td>Anhydrite</td> <td>1514'</td> <td></td> </tr> <tr> <td>Topeka</td> <td>3120'</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3331'</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3367'</td> <td></td> </tr> <tr> <td>Base Kansas City</td> <td>3578'</td> <td></td> </tr> <tr> <td>Arbuckle</td> <td>3680'</td> <td></td> </tr> </table>	Name	Top	Datum	Anhydrite	1514'		Topeka	3120'		Heebner	3331'		Lansing	3367'		Base Kansas City	3578'		Arbuckle	3680'	
Name	Top	Datum																				
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Lansing	3367'																					
Base Kansas City	3578'																					
Arbuckle	3680'																					

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		8 5/8"	20	212'	common	150	3% CC, 2% gel
Production		5 1/2"	13	3679'	ASC	175	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	3565-69		
4	3405-09		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 7/8"	3650'		
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
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 JAN 31 2007  
 CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC. 23584

Federal Tax I.D.#

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

SERVICE POINT:

Russell

DATE <u>12-19-05</u>	SEC. <u>36</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION <u>11:00am</u>	JOB START <u>12:30pm</u>	JOB FINISH <u>1:30pm</u>
LEASE <u>H. Keller</u>	WELL # <u>2</u>	LOCATION <u>Ellis N to Co. line 3E</u>		COUNTY <u>Rooks</u>	STATE <u>Ks</u>		
<input checked="" type="radio"/> DR <input type="radio"/> NEW (Circle one)				<u>Winfo</u>			

CONTRACTOR Stewart Well Service

TYPE OF JOB Part Collar

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 5 1/2" DEPTH \_\_\_\_\_

TUBING SIZE 2 3/8" DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL Part Collar DEPTH 11667'

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

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

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

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

DISPLACEMENT 8 1/2 Bbl

**EQUIPMENT**

PUMP TRUCK CEMENTER Steve

# 409 HELPER Craig

BULK TRUCK

# 362 DRIVER Jody

BULK TRUCK

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

**REMARKS:**

Pressure casing to 1000 psi. Open tool  
Break circ. Mix 225 sks 3 Circ Cement  
Close tool. Pressure to 1000 psi  
Run 6 jts. & Wash clean

Thank You

CHARGE TO: Blake Exploration

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 [Signature]

OWNER \_\_\_\_\_

CEMENT Used 225 sks

AMOUNT ORDERED 400 sks (60/40 60% bel  
1/6 Flo Seal

COMMON	<u>1135</u>	@	<u>8.70</u>	<u>1174.50</u>
POZMIX	<u>90</u>	@	<u>4.70</u>	<u>423.00</u>
GEL	<u>11</u>	@	<u>14.00</u>	<u>154.00</u>
CHLORIDE		@		
ASC		@		
FLOSEAL	<u>510.25 #</u>	@	<u>1.70</u>	<u>95.63</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>400</u>	@	<u>1.60</u>	<u>640.00</u>
MILEAGE	<u>.26/sk/mi</u>			<u>1440.00</u>
TOTAL				<u>3927.13</u>

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>785.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>60</u>	@	<u>5.00</u>	<u>300.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1085.00</u>

**PLUG & FLOAT EQUIPMENT**

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 31 2007  
CONSERVATION DIVISION  
WICHITA, KS

Russell, KS  
 785-483-1374  
 785-483-2627  
 785-483-1200

ALLIED CEMENTING CO. INC.  
 (ACID)  
 P.O. Box 31  
 Russell, Kansas 67665  
 785-483-2627

Medicine Lodge, KS  
 620-886-5926

Ticket # 1432

STATION Russell		CUSTOMER ORDER OR P.O. NUMBER			DATE 12/28/05	
OWNER Blake Exploration		LEASE D Keller		WELL # 1	COUNTY Ro	STATE KS
LOCATION		SECTION	TOWNSHIP	RANGE	FORMATION LKC	CONTRACTOR Stewart Well Serv.
EQUIPMENT AND PERSONNEL		WELL DATA			PERFORATIONS	TREATMENT
Todd #400		TUBING	SIZE 2 7/8	DEPTH	VOLUME	SHOTS FT. From 3566 to 67
Toby #405		CASING	5 1/2			Max. Pressure 575#
		ANNULUS				Min. Pressure 250#
		OPEN HOLE				Avg. Inj. Rate .75 bpm
Todd Brown Service Engineer						Avg. Trt Pressure 400#
						Total Fluid Pumped 41.25 Bbls.

TREATMENT LOG						
TIME A.M./P.M.	PRESSURE		TOTAL FLUID PUMPED	FLUID IN FORMATION	INJECTION RATE	EXPLANATION
	TBG	CSG				
						LKC 3566-67
9:01	30#				2.5	Retreat w/750 gal of 28% NE/Dma 2% Solvent
	50#		18.0		.4	Start acid, pkr set 3565
9:10	250#		18.5		.5	Caught fluid, acid in start flush
9:15	575#		21.25		.5	Start pump
	400#		29.0	7.75	.5	Acid on perfs
9:37	300#		31.75	10.5	.75	Breaking
	475#		33.0	11.75	1.25	Speed pump
	500#		39.25	18.0	1.25	Acid clear, start overflush
9:45	500#		41.25	20.0	1.25	Overflush in, shut down
						ISIP = 300# / 4 min to Vac
						LKC 3406-07 / RBP 3452
11:40			20.0			Start acid to spot, pkr <del>3382</del> 3413
12:23	30#				1.5	Restart flush, pkr set 3382
	200#		23.0	2.75	.25	Loaded, start pump
12:31	300#		24.5	4.25	.5	Speed pump
	400#		25.0	4.75	.75	" "
	300#		26.25	6.0	.75	Break, acid clear, start overflush
12:35	250#		27.25	7.0	.75	Overflush in, shut down
						ISIP = 150# / 1 min to Vac
						Treat w/ 250 gal of 20% mca/Dma 2% Solvent
						Retreat 3406-07 w/ 750 gal of 28% NE/Dma 2% Solvent
2:17	30#				2.5	Start acid, pkr set 3382
2:25	30#		19.5		2.5	Acid in, start flush
	200#		20.25		.75	Acid on perfs, start pump
2:29	300#		23.0	2.75	1.0	Speed pump
	400#		25.0	4.75	1.5	Break, speed pump
2:37	450#		34.5	14.25	1.75	" "
2:40	450#		39.75	19.5	1.75	Acid clear, start overflush
	400#		42.0	21.75	1.75	Overflush in, shut down
						ISIP = Vac

*[Handwritten signature]*

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 KANSAS CORPORATION COMMISSION

JAN 31 2007

CONSERVATION DIVISION  
 WICHITA, KS

**ALLIED CEMENTING CO. INC.**  
**(ACID)**  
P.O. Box 31  
Russell, Kansas 67665  
785-483-2627

1432

**Medicine Lodge**  
**620-886-5926**

**Russell, KS**  
**785-483-2627**

Ticket #

Date <b>12/27-28/05</b>	PO#	Location		
Owner <b>Blake Exploration</b>	Lease <b>D Keller</b>	Well # <b># 1</b>	County <b>RO</b>	State <b>KS</b>
Station <b>Russell</b>	Section	Township	Range	Formation <b>LKC</b>
				Contractor <b>Stewart Well Serv.</b>

WELL DATA				PERFORATIONS	TREATMENT	INFO:
SIZE	WEIGHT	DEPTH	VOLUME	SHOTS FT.	Max. Pressure	To: Allied Cementing Company, Inc. (ACID)
TUBING	<b>2 7/8</b>		<b>3534</b>	<b>20.46</b>	From <b>3566</b> to <b>67</b>	Max. Pressure <b>625 #</b>
CASING	<b>5 1/2</b>		<b>30'</b>	<b>21.19</b>	From to	Min. Pressure <b>200 #</b>
OPEN HOLE					From to	Avg. Inj. Rate <b>.4 bpm</b>
PKR					From to	Avg. TrT Pressure <b>500 #</b>
TDPB	<b>RBP</b>		<b>3605</b>		From to	Total Fluid Pumped <b>29.25</b> Bbls.
						Charge To: <b>Blake Expl.</b>
						Street
						City State

**TREATMENT LOG**

TIME A.M./P.M.	PRESSURE		TOTAL FLUID PUMPED	FLUID IN FORMATION	INDIVIDUAL FLUID PUMPED	INJECTION RATE	EXPLANATION
	TBG	CSG					
3:25			19.0			2.0	Start acid to spot, pkr 3565
3:54	30#		21.25			1.5	Restart flush, pkr, set 3534
3:56	200#		22.75	1.5			Acid on perts.
	400#		23.25	2.0			Loaded, pump = held
4:06	425#		24.25	3.0		.25	Increase stage
	550#		27.0	5.5		.5	Zone feeding
4:16	600#		27.25	6.0		.4	Speed pump
4:21	625#		29.25	8.0		.4	Acid clear, start overflush
							Overflush in, shut down
							FSEP = 600# / 15 min to 0#
							Treat w/ 250 gal of 20% mca/dmo

*[Signature]*

EQUIPMENT AND PERSONNEL	MATERIALS USED	AMOUNT	UNIT PRICE	TOTAL COST
Todd #400	Pump Truck	2	500.00	1,000.00
Toby #405	Pup Trailer	1	100.00	100.00
	20% mca	500 gal.	1.74	870.00
	28% NE	1,500 gal.	1.92	2,880.00
	Inhibitor	8 gal.	30.00	240.00
	Solvent	35 gal.	16.00	560.00
	Demulsifier	5 gal.	24.00	120.00
	Mileage for 2 trips	60 mi	2.00	120.00
				<b>5,890.00</b>

*[Signature: Todd Brown]*

New Producer  Terms: \_\_\_\_\_ discount will be allowed if paid in 30 days from invoice date.

Old Producer

Old Producer - New Zones

New SWD or Injection

Old SWD or Injection

Pressure Test

Sub-Total **5,890.00**  
Tax  
Total

Customer Signature \_\_\_\_\_ Customer Print Name \_\_\_\_\_

As consideration, the above names (well owner or contractor) agrees to: (a) to pay you in accordance with your current price schedule; (b) Allied Cementing Company, Inc. (ACID) shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure Allied Cementing Company, Inc. (ACID) against any liability for reservoir loss or damage, or property damage arising from a well blowout, unless such loss or damage is caused by willful negligence of Allied Cementing company, Inc. (ACID). If equipment or instruments of Allied Cementing company, Inc. (ACID) are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of Allied Cementing Company, Inc. (ACID).

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**JAN 31 2007**  
**CONSERVATION DIVISION**  
**WICHITA, KS**