

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: Michael 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. _____
11/03/06 12/20/06 01/02/07
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-23562-0000
County: Rooks
SWSE SW Sec. 36 Twp. 10 S. R. 20 East West
600 feet from S / N (circle one) Line of Section
1850 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Keller Well #: C-1
Field Name: Eagle Creek East
Producing Formation: Lansing K Zone
Elevation: Ground: 2066' Kelly Bushing: 2071'
Total Depth: 3660' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at _____ Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1505' Feet
If Alternate II completion, cement circulated from 1505'
feet depth to surface w/ 450 sx cmt
Alt 2-Dg - 6/17/09

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.: _____

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: _____
Title: Manager Date: 2/2/07
Subscribed and sworn to before me this 2nd day of February
20 07
Notary Public: _____
Date Commission Expires: 2-14-09

KCC Office Use ONLY

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

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Operator Name: Harry A. Spring Lease Name: Keller Well #: C-1
 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 <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:	<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>1492'</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3306'</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3343'</td> <td></td> </tr> <tr> <td>Base-Kansas City</td> <td>3554'</td> <td></td> </tr> <tr> <td>Arbuckle</td> <td>3656'</td> <td></td> </tr> </table>	Name	Top	Datum	Anhydrite	1492'		Heebner	3306'		Lansing	3343'		Base-Kansas City	3554'		Arbuckle	3656'	
Name	Top	Datum																	
Anhydrite	1492'																		
Heebner	3306'																		
Lansing	3343'																		
Base-Kansas City	3554'																		
Arbuckle	3656'																		

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% CaCl ₂ , 2% gel
Production		5 1/2"	14	3654'	ASC	200	

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	3539' - 3543'		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
		3618'		
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 <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 <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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ALLIED CEMENTING CO., INC.

Federal Tax I.D. #

11011

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

SERVICE POINT: 2

DATE <u>11-2-06</u>	SEC. <u>36</u>	TWP. <u>10</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION <u>8:00AM</u>	JOB START <u>9:15AM</u>	JOB FINISH <u>9:30AM</u>
LEASE <u>KELLER</u>	WELL # <u>C-1</u>	LOCATION <u>ELLIS N TO CO LINE</u>			COUNTY <u>MOOKS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 1/2 E N IN</u>					

CONTRACTOR MURFIN 16

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 221

CASING SIZE 8 5/8 DEPTH 220

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10-15'

PERFS. _____

DISPLACEMENT 14 BBL

EQUIPMENT

PUMP TRUCK CEMENTER MARK

366 HELPER PAUL

BULK TRUCK

345 DRIVER BRANDON

BULK TRUCK

_____ DRIVER _____

REMARKS:

CEMENT CIRC

THANKS

Thunder Oil & Gas

CHARGE TO: HARRY A. SPRING

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 Andy [Signature]

OWNER _____

CEMENT

AMOUNT ORDERED 150 Com 3% CC
2% GEL

COMMON	<u>150</u>	@	<u>1065</u>	<u>159750</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>1665</u>	<u>4995</u>
CHLORIDE	<u>5</u>	@	<u>4600</u>	<u>23300</u>
ASC		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>190</u>	<u>30020</u>
MILEAGE	<u>90/SK/mile</u>			<u>78240</u>
TOTAL				<u>296275</u>

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>81500</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>55</u>	@	<u>600</u>	<u>33000</u>
MANIFOLD		@		
		@		
TOTAL				<u>114500</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Plug</u>	@	<u>6000</u>
	@	
	@	
	@	
	@	
TOTAL		<u>6000</u>

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TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

X

PRINTED NAME

Federal Tax I.D.#

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

SERVICE POINT:
Russell

DATE <u>11-9-06</u>	SEC. <u>36</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00am</u>	JOB FINISH <u>8:35am</u>
LEASE <u>Keller C</u>		WELL # <u>1</u>	LOCATION <u>N Ellis Co. Line 2 1/2 E N 5th</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)							

CONTRACTOR Martin Drilling #160
 TYPE OF JOB Long String
 HOLE SIZE _____ T.D. 3660
 CASING SIZE 5 1/2 14lb DEPTH 3652
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 1502'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 88 3/4
 EQUIPMENT

PUMP TRUCK CEMENTER Craig
 # 409 HELPER Steve
 BULK TRUCK
 # 378 DRIVER Doug
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Plug Landed + Held
1520psi.

Thanks
Thunder Oil & Gas

CHARGE TO: Harry A Spring
 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
 AMOUNT ORDERED 200 ASC 10% Salt
2% Gel
500gal WFR-2

COMMON	@		
POZMIX	@		
GEL	4	@	<u>1665</u> <u>6650</u>
CHLORIDE		@	
ASC	200	@	<u>1310</u> <u>2620.00</u>
Salt	18	@	<u>1920</u> <u>34560</u>
WFR-2	500gals	@	<u>1.00</u> <u>500.00</u>
HANDLING	222	@	<u>190</u> <u>421.80</u>
MILEAGE	94/m.i.	@	<u>1098.90</u>
TOTAL			<u>5052.90</u>

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1610.00</u>
EXTRA FOOTAGE		@	
MILEAGE	55	@	<u>6.00</u> <u>330.00</u>
MANIFOLD		@	
TOTAL			<u>1940.00</u>

PLUG & FLOAT EQUIPMENT

1 5 1/2 Packer shoe			<u>1325.00</u>
3 Baskets	@	<u>150.00</u>	<u>450.00</u>
10 Centralizers	@	<u>50.00</u>	<u>500.00</u>
1 Port Collar Rd	@		<u>1750.00</u>
1 Latch dog	@		<u>375.00</u>

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TOTAL 4400.00

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____