

CONFIDENTIAL

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

10/06/09

Operator: License # 33269
Name: Central Operating, Inc
Address: 1600 Broadway Suite 1050
City/State/Zip: Denver, CO 80202
Purchaser: NCRA
Operator Contact Person: P.A. Brew
Phone: (303) 894-9576
Contractor: Name: Murfin Drilling Co
License: 30606

Wellsite Geologist: Scott Banks
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: KCC
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. _____

6/23/08 6/29/08 7/22/08
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 039-21056-0000
County: Decatur
SW SE NW NE Sec. 15 Twp. 5 S. R. 29 East West
1210 feet from S / (N) (circle one) Line of Section
1843 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Vaughn Well #: 14-15

Field Name: Prairie Dog East
Producing Formation: L-KC
Elevation: Ground: 2762 Kelly Bushing: 2767

Total Depth: 4130 Plug Back Total Depth: 4095
Amount of Surface Pipe Set and Cemented at 217 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2527 Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Air II NUR 1-2-09
(Data must be collected from the Reserve Pit)

Chloride content 1400 ppm Fluid volume 4000 bbls
Dewatering method used Evaporate - not enough to pick up

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: P.A. Brew
Title: President Date: Oct 6/08
Subscribed and sworn to before me this 6th day of October, 2008.
Notary Public: [Signature]
Date Commission Expires: May 28, 2010

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes No Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 08 2008

CONSERVATION DIVISION
WICHITA, KS

OCT 15 2008

Operator Name: Central Operating, Inc Lease Name: Vaughn Well #: 14-15

Sec. 15 Twp. 5 S. R. 29 East West

County: Decatur

CONSERVATION DIVISION
WICHITA, KS

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2520	+247
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhydrite	2554	+213
List All E. Logs Run:		Topeka	3664	-897
		Heebner	3842	-1071
		Toronto	3872	-1101
		Lansing	3882	-1117
		Base/Kansas City	4087	-1317

Density, Neutron, Deep induction, Gamma Ray

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	23 #	217'	comm	165	3%cc 2% gel
Production	7 7/8	5 1/2	14#	4120'	asc	250	
				2527	light	475	

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 checked="" type="checkbox"/> Plug Off Zone	3921-3924		50	60/40 Poz

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
2 SPF	3921-3924	200gal 15%MCA retreat 200gal 15%NE	
4 SPF	4029-4032	200gal 15%MCA retreat .1500gal. 15%NE	
4 SPF	3967-3970	250gal 20%MCA retreat 1500gal 15%NE	
4 SPF	3908-3910	250gal 15% MCA retreat 2000gal 15%NE	

TUBING RECORD			Size	Set At	Packer At	Liner Run
			2 3/8	3870	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. July 25, 2008		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	
	60		120			

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 08 2008

ALLIED CEMENTING CO., LLC. 31707

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

SERVICE POINT:
Oakley

DATE <u>6-29-08</u>	SEC. <u>15</u>	TWP. <u>5s</u>	RANGE <u>29w</u>	CALLED OUT	ON LOCATION <u>12:00Am</u>	JOB START <u>9:00Am</u>	JOB FINISH <u>9:30Am</u>
LEASE <u>Vaughn</u>		WELL # <u>14-15</u>		LOCATION <u>Selden 2E 5N 1/4W</u>		COUNTY <u>DeCATUR</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				SWINTD			

CONTRACTOR Murfin Drilling Rig 3

TYPE OF JOB Production (TOP stage)

HOLE SIZE 2 7/8' T.D. 4130'

CASING SIZE 5 1/2' DEPTH 4120'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DV DEPTH 2537'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 18.6'

CEMENT LEFT IN CSG. 18.6'

PERFS.

DISPLACEMENT 6.3.25 BBL

OWNER Same

CEMENT

AMOUNT ORDERED 475 sks Lite

1/4" Flo-seal

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
<u>Lite 475 sks</u>	@	<u>14.05 6623.25</u>
<u>Flo-seal 119#</u>	@	<u>2.50 297.50</u>
HANDLING <u>512 sks</u>	@	<u>2.40 1228.80</u>
MILEAGE <u>10# sk/mile</u>		<u>2560.00</u>
		TOTAL <u>10760.05</u>

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

423-281 HELPER Alvin

BULK TRUCK

218 DRIVER Wil

BULK TRUCK

394 DRIVER Darrin

REMARKS:

Mix 10 sks mousehole 15 sks
Rat hole. Mix 450 sks down
center wash pump and line
Clean Displace plug. Plug
Landed tool closed cement
did circulate 900# LIFT
1300# close tool.

Thank you

CHARGE TO: Central operating

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1185.00

EXTRA FOOTAGE @ _____

MILEAGE 50 miles @ N/C

MANIFOLD @ _____

TOTAL 1185.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
		TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE RN [Signature]

CONFIDENTIAL RECEIVED
KANSAS CORPORATION COMMISSION
OCT 08 2008
KCC
CONSERVATION DIVISION
WICHITA, KS

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

ALLIED CEMENTING CO., LLC.

31706

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

SERVICE POINT:
Oakley

DATE <u>6-29-08</u>	SEC. <u>15</u>	TWP. <u>5</u>	RANGE <u>29W</u>	CALLED OUT	ON LOCATION <u>12:00 Am</u>	JOB START <u>8:00 Am</u>	JOB FINISH <u>8:30 Am</u>
LEASE <u>Vaughn</u>	WELL # <u>14-15</u>	LOCATION <u>Selden</u>	<u>2E 5N 1/4W</u>	COUNTY <u>Decatur</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)			<u>SW into</u>				

CONTRACTOR Murfin 3
 TYPE OF JOB Production (Bottom stage)
 HOLE SIZE 2 7/8 T.D. 4130'
 CASING SIZE 5 1/2 DEPTH 4120'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DV DEPTH 2537'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 18,60'
 CEMENT LEFT IN CSG. 18,60'
 PERFS.
 DISPLACEMENT 100 BBL 38 water
 EQUIPMENT 62 mud

OWNER same

CEMENT

AMOUNT ORDERED	<u>250 sks ASC</u>	
	<u>10% salt 2% gel</u>	
	<u>500 gal WFR-2</u>	
COMMON	@	
POZMIX	@	
GEL	<u>5 sks</u>	@ <u>20.80</u> <u>104.00</u>
CHLORIDE	@	
ASC	<u>250 sks</u>	@ <u>18.60</u> <u>4650.00</u>
	@	
	@	
	<u>salt 23 sks</u>	@ <u>23.95</u> <u>550.85</u>
	@	
	@	
	<u>WFR-2 500 gal</u>	@ <u>1.27</u> <u>635.00</u>
	@	
	@	
HANDLING	<u>306 sks</u>	@ <u>2.40</u> <u>734.40</u>
MILEAGE	<u>104 sk/mile</u>	<u>1530.00</u>
TOTAL		<u>8204.25</u>

PUMP TRUCK CEMENTER Andrew
 # 423-281 HELPER Alvin
 BULK TRUCK
 # 218 DRIVER Wil
 BULK TRUCK
 # 394 DRIVER Darrin

REMARKS:

Pump 500 gal WFR-2 mix
250 sks ASC wash pump
and line clean displace
plug 900' lift 1500'
land plug, plug landed
float held.

thank you.

CHARGE TO: Central operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>4120'</u>	
PUMP TRUCK CHARGE		<u>2092.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>50 miles</u>	@ <u>7.00</u> <u>350.00</u>
MANIFOLD	<u>Head rental</u>	@ <u>113.00</u>
	@	
	@	
TOTAL		<u>2555.00</u>

5 1/2 PLUG & FLOAT EQUIPMENT

1 AFU Float shoe		<u>529.00</u>
(E) 1 catch down plug ASB		<u>462.00</u>
10 Centralizers	@ <u>57.00</u>	<u>570.00</u>
2 Baskets	@ <u>186.00</u>	<u>372.00</u>
Reamprobing scraper	@ <u>74.00</u>	<u>666.00</u>
(L) 1 DV TOOL	@	<u>4500.00</u>
TOTAL		<u>7099.00</u>

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PRINTED NAME _____
 SIGNATURE [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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 KANSAS CORPORATION COMMISSION

OCT 08 2008

CONFIDENTIAL
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 KC