

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34139

Name: L & D Oil & Gas

Address 1: 4610 NW 62nd

Address 2: \_\_\_\_\_

City: topeka State: ks Zip: 66618 + \_\_\_\_\_

Contact Person: Chris Kremer

Phone: ( 785 ) 366-6957 258-2321

CONTRACTOR: License # 32548

Name: Kan Drill

Wellsite Geologist: George Peterson

Purchaser: \_\_\_\_\_

Designate Type of Completion:

\_\_\_\_ New Well \_\_\_\_ Re-Entry \_\_\_\_ Workover

Oil \_\_\_\_ SWD \_\_\_\_ SIOW

\_\_\_\_ Gas \_\_\_\_ ENHR \_\_\_\_ SIGW

\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_ Temp. Abd.

\_\_\_\_ 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. \_\_\_\_ Conv. to SWD

\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth

\_\_\_\_ Commingled Docket No.: \_\_\_\_\_

\_\_\_\_ Dual Completion Docket No.: \_\_\_\_\_

\_\_\_\_ Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_

8-29-08 9-4-08 9-9-08

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 017-20902-00-00

Spot Description: NE 1/4-SE1/4-NE1/4-NE 1/4

NE-SE-NENE Sec. 19 Twp. 19s S. R. 6  East  West

920 Feet from  North /  South Line of Section

120 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Chase

Lease Name: mushrush miller Well #: 5

Field Name: Koegoboehn

Producing Formation: viola

Elevation: Ground: 1372 Kelly Bushing: 1378

Total Depth: 2132 Plug Back Total Depth: 2125

Amount of Surface Pipe Set and Cemented at: 206 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/ \_\_\_\_\_ <sup>sq cmt.</sup> AIFC-Dig-10/9/09

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: let dry and cover

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: Chris Kremer

Title: Operator Date: \_\_\_\_\_

Subscribed and sworn to before me this 28<sup>th</sup> day of September

20 08

Notary Public: Christine Kremer

Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution

Operator Name: L & D Oil & Gas Lease Name: mushrush miller Well #: 5  
 Sec. 19 Twp. 19s S. R. 6  East  West County: Chase

**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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum viola 2052 -680
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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
short	8.625	8 5/8	23	208	class A	120	3% cal 2% gel
long string	6.750	4.5	14	2127	50/50 pos mix	165	attached
					quickset last 1/2	125	cc

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	2058.5 to 2066.5	2500	same
<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>  <b>OCT 01 2009</b>  <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>			

TUBING RECORD: Size: <u>2 / 12</u> Set At: <u>2060</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		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. <u>15.0</u>	Gas Mcf <u>0</u>	Water Bbls. <u>275</u> Gas-Oil Ratio _____ Gravity <u>29.0</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**ENTERED**

TICKET NUMBER 19270  
 LOCATION Funston  
 FOREMAN Steve Mend

PO Box 884, Chanute, KS 66720  
 620-431-9210 or 800-487-8876

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-20-08	4493	Mushaush # 5	19	195	6E	Chase
CUSTOMER Kramer Oil & Gas, Inc. MAILING ADDRESS 3183 W Highway 26 CITY Hecington STATE KS ZIP CODE 67449			Kan Drill			
JOB TYPE <u>Surface</u>		HOLE SIZE <u>12 1/4</u>	HOLE DEPTH <u>212'</u>	CASING SIZE & WEIGHT <u>8 1/2</u>		
CASING DEPTH <u>208</u>		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT		SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>20'</u>		
DISPLACEMENT <u>12 bbls</u>		DISPLACEMENT PSI	MIX PSI	RATE		
REMARKS: <u>Safety Meeting. Rig up to 8 1/2" casing. Break circulation with 10 bbls Freshwater. Mix 120 sks Class A Cement w/ 2% Caelx 2% Gel 1/4" Phenoseal per sk. Displace with 12 bbls Freshwater. Shut well in. Good cement returns to surface. 12 bbls to pit. Job complete Rig down</u>						

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OCT 01 2009

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICE or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	725.00	725.00
5406	50	MILEAGE	3.65	182.50
11043	120 SK	Class A Cement	13.50	1620.00
1102	370 #	Caelx 2%	.75	277.50
1108A	275 #	Gel 2%	.17	46.75
1107A	30 #	Phenoseal 1/4" per/sk	1.15	34.50
5407	5.64 Tons	Ton mileage Bulk Truck	1.20	338.40
			Sub Total	3186.15
			SALES TAX	180.03
			ESTIMATED TOTAL	3308.38

Ravin 3737

005510

AUTHORIZATION Witness by Dannie

TITLE Trial Pusher Kan Drill

DATE



**CONSOLIDATED**  
Oil Well Services, LLC



TICKET NUMBER 19348  
LOCATION EURAKA  
FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-5-08	2493	Mushrush Miller #5				CHASE
CUSTOMER KREMICK OIL & GAS, INC.			KAN-DRILL			
MAILING ADDRESS 3183 US Highway 56			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY HERRINGTON			445	Justin		
STATE KS			439	CALIN		
ZIP CODE 67449			502	Phillip		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 2132' CASING SIZE & WEIGHT 4 1/2  
CASING DEPTH 2127 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 13.5 - 13.9 SLURRY VOL. 72 BBL WATER gal/sk 6.1 - 8.0 CEMENT LEFT in CASING 0  
DISPLACEMENT 35 BBL DISPLACEMENT PSI 800 MIX PSI 1200 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 10 BBL Fresh water. Mixed 165 SKS 50/50 Pozmix Cement w/ 2% CaCl2, 2% Gel, 4" Kol-Seal, 3" Cal-Seal, 1/8" Pheno Seal, 1/2% CFL-110, 1/4% CAF-38 @ 13.9"/gal, yield 1.40. Tail in w/ 125 SKS Thick Set Cement w/ 5" Kol-Seal /sk, 1/2% CFL-110, 1/4% CAF-38 @ 13.5"/gal, yield 1.69. Shut down. Wash out Pump & Lines. Release Plug. Displace w/ 35 BBL Fresh water. Final Pumping Pressure 800 PSI. Bump Plug to 1200 PSI. wait 2 minutes. Release Pressure. Float Heid. Had Good Circulation @ ALL times while Cementing. No Cement Returns to Surface. Job Complete. Rig down.  
Note: Total Cement Volume Pumped = 50% Excess over in gauged hole.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	50	MILEAGE	3.65	182.50
1124	165 SKS	50/50 Pozmix Cement	9.75	1608.75
1102	275 "	CaCl2 2%	.75 "	206.25
1118 A	275 "	Gel 2%	.17 "	46.75
1110 A	660 "	Kol-Seal 4" SK	.42 "	277.20
1101	500 "	Cal-Seal 3" /sk	.36 "	180.00
1107 A	20 "	Pheno Seal 1/8" /sk	1.15 "	23.00
1135	70 "	CFL-110 1/2%	7.50 "	525.00
1146	35 "	CAF-38 1/4%	7.70 "	269.50
1126 A	125 SKS	THICK Set Cement	17.00	2125.00
1110 A	625 "	Kol-Seal 5" /sk	.42 "	262.50
1135	60 "	CFL-110 1/2%	7.50 "	450.00
1146	30 "	CAF-38 1/4%	7.70 "	231.00
5407 A	13.8 TONS	50 miles BUCK TRUCKS	1.20	828.00
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
			Sub Total	8185.45
			SALES TAX	393.76
			ESTIMATED TOTAL	8579.21

AUTHORIZATION Witnessed By Les Kremick TITLE owner DATE \_\_\_\_\_

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KANSAS CORPORATION COMMISSION  
OCT 01 2009  
WICHITA, KS

THANK YOU  
6.3%  
205522

Rev 11 3737