

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

COPY Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30483
Name: Les Kremeier
Address: 3183 US Hwy 56
City/State/Zip: Herington KS 67449
Purchaser: NCRA
Operator Contact Person: Les Kremeier
Phone: (785) 366-6249
Contractor: Name: Kan-Drill
License: 32548
Wellsite Geologist: George Peterson

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: _____
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. _____

9-16-05 9-21-05 10-3-05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date
KCC WHM PER OPER

API No. 15 - 017-20,877-00-00
County: Chase
E/2 SE NE Sec. 19 Twp. 19 S. R. 6 East West
1940 feet from S (N) (circle one) Line of Section
520 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Mushrush Well #: 1
Field Name: Koegoboehn
Producing Formation: Viola
Elevation: Ground: 1418 Kelly Bushing: _____
Total Depth: 2080 Plug Back Total Depth: 2079
Amount of Surface Pipe Set and Cemented at 2129 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set NA Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
ACT WHM 7-18-06

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 0 ppm Fluid volume _____ bbls
Dewatering method used dry
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: owner/operator Date: 06-21-06
Subscribed and sworn to before me this 21st day of June,
20 06.
Notary Public: Christine Kremeier
Date Commission Expires: _____

CHRISTINE E. KREMEIER
Notary Public - State of Kansas
My Appt. Expires 5-0-07

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: Les Kremeier Lease Name: Mushrush Well #: 1
 Sec. 19 Twp. 19 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 type="checkbox"/> Yes <input checked="" 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 Name Top Datum
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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	24lb	202	Class A	110	
Long string	6 3/4	4.5	10.5lb	2184	60/40	200	
					Thick Set	210	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

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 shots per ft	from 2129 to 2135		2135

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		2 7/8		NA		
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
10-10-05			<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	
	105	0	125			

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 _____

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GEOLOGISTS REPORT

MUSHRUSH No. 1

September 19, 2005: Arrived on location at 7:30AM. Left Location @ 5:30PM.
September 20, 2005: Arrived on location at 8:00 A.M. Drilling resumed.
September 22, 2005: Left location at 2:30 AM upon completion of logging.

ELEVATION: 1419 GL (All measurements from 1419 GL).

FORMATION	SAMPLE DEPTH	LOG DEPTH	DATUM	THICKNESS
Admire	547	551	+868	
Admire Sd	570	570	+849	14'
Oread	1275	1276	+143	32'
Heebner	1306	1310	+109	
Ireland		1396	+ 23	12'
Lansing	1554	1558	-139	
B/KC		1894	-475	
Kinderhook	2066	2077	-648	49'
Viola	2112	2116	-697	
LTD	2186			
RTD	2184			

Sample returns were examined microscopically from a drilled depth of 300' to TD for the presence of visible hydrocarbons. Formation tops and intervals for this report were picked from the Dual Compensated Porosity Log, sample returns and drilling time. There was no visible evidence of the presence of hydrocarbons in any of the sample returns from 300' to the middle of the Kinderhook.

There were many unnamed units from 300 feet to the top of the Admire Group. Samples from these intervals consisted of light tan to medium brown limestones and gray to dark gray sandy to clayey shales. There were also traces of maroon shales scattered throughout the samples. Sample descriptions were grouped with some units being named and other sections identified by drilling depths. Samples were badly contaminated by sloughing shales throughout the drilling of the well. The caliper log indicated large washed out sections throughout the well.

ADMIRE GROUP:

The Admire was reached at a log depth of 551 (+868). This correlates to a subsea elevation of +864 in the Rempel B No. 8. A moderately clean, fine to coarse grained, subangular clear quartz sand was observed in the samples between a log depth of 570-584. Log calculations provided on location by Log Tech personnel, indicate that this interval has characteristics of surrounding wells that currently produce commercial quantities of gas of low BTU value. The calculated Sw values indicated values from 27% to 35%.

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The interval from the base of the preceding sand to the top of the Ireland sandstone contains mostly sandy shales with some thin to thick hard limestones. There were no shows of oil in this interval. There were indications on the logs that gas may be present.

1478-82:

There appears to be a thin sand that may contain some gas in this interval. The samples were not of sufficient quantity to evaluate this interval adequately.

LANSING- KANSAS CITY GROUPS:

The Lansing was reached at a log depth of 1558 (-139). This compares with the top of the Lansing in the Rempel B 8 of a -136. The Lansing- Kansas City sequence is a thick section of limestone with thin dark gray to black shale partings. These black shales apparently carry some amounts of gas. There have been no attempts to test these intervals in this area to date. These shales need to be further evaluated before eventual abandonment of the well.

KINDERHOOK :

The Kinderhook was reached at a log depth of 2067 (-648). This compares with a log top of -654 in the Rempel B 8, one location to the west. There were a few pieces of clear coarse grained quartz sand that had a show of free oil. It was not possible to locate the interval from which these sand particles came. The thin nature of this sand did not show on the drilling time log nor on the Dual Compensated Porosity Log. The Kinderhook should be carefully watched for further development of this sand as further drilling is done to reach the limits of the field.

VIOLA:

The Viola top was reached at a log depth of 2116 (-697). This compares to a log top of -708 in the Rempel B 8. Sample returns contained a gray to brown, very crystalline dolomite with good vuggy porosity. There were two observed porosity breaks on the drilling time log chart and on the Dual Compensated Porosity Log. There were log calculations prepared on location by Mr. Butch Drylie from Log Tech. The samples from these intervals indicated good intercrystalline porosity along with a good show of medium brown free oil. There was a strong petroleum odor present in the samples and there was also a fair show of oil on the pits during the drilling of this interval. The porosity found in the samples allowed much of the oil to be removed during the washing of the samples; however, when the samples were observed under the heat of the microscope light, oil was observed coming to the surface of the cuttings. The dolomite crystals commonly referred to as saccroidal in nature had good intercrystalline porosity, and the Microresistivity Log showed a good wall cake buildup, and excellent apparent permeability. There is NO way to calculate a hard permeability number from the logs, however when compared to samples from wells in nearby areas there appears to be sufficient permeability to allow good fluid movement to the well bore.

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TICKET NUMBER 5389

CONSOLIDATED OIL WELL SERVICES, INC.
W. 14TH STREET, CHANUTE, KS 66720
431-9210 OR 800-467-8676

KCC WICHITA LOCATION Fureka
FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
22-05	4497	Mushrush #1	19	19s	6E	Chase
OPERATOR <u>Kremer Production & Operating</u> WELL ADDRESS <u>3183 US Hwy 56</u> LOCATION <u>Levington</u> STATE <u>Ks</u> ZIP CODE <u>67449</u>			K&N-Drill Drilling Co.			
		TRUCK #	DRIVER	TRUCK #	DRIVER	
		446	Scott			
		440	Jim			
		442	Calin			

TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 2184' CASING SIZE & WEIGHT 4 1/2" - 10.5 lb
 WELL DEPTH 2180' DRILL PIPE _____ TUBING _____ OTHER (Used Pipe)
 CEMENT WEIGHT 13-2 1/2 Bbls SLURRY VOL 15 Bbls WATER gal/sk 8.0 CEMENT LEFT in CASING 0
 PLACEMENT 3 1/2 Bbls DISPLACEMENT PSI 1400 PSI 1800 Loaded Plug RATE 4 BPM

REMARKS: Safety Meetings Rig up to 4 1/2" casing, Break circulation with 10 Bbl flush water,
up 5 Bbls fly water, Mixed 200 SKS. 60/40 Pozmix cement w/ 4% Gel, 1/4" P/SK Floccs & 13-2 1/2 P/GAL
lin with 210 SKS. Thick Set cement w/ 4" P/SK of KOI-SEAL & 13-2 1/2 P/GAL. Shutdown
ishant pump lines - Release Plug - Displace Plug with flush water 15 Bbls @ 4 BPM w/ 1000 PSI
w Pump rate to 2 BPM - With 26 Bbls Displaced we lost circulation Pressure @ 2200 PSI
issue dropped off to 1800 PSI - Thru down to 1700 PSI - Slow Pump rate down to 1 BPM
Final pumping @ 1400 PSI - Bumped Plug to 1800 PSI - wait 2 minutes - Release Pressure
Float Held - close casing in with 0 PSI - Job complete - Teardown
Good cement returns to Surface with 24 Bbl slurry
"Thank you"

COUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
701	1	PUMP CHARGE	765.00	765.00
706	50	MILEAGE	3.00	150.00
131	200 SKS	60/40 Pozmix cement	8.00	1600.00
18 A	14 SKS	Gel 4%	6.63	92.82
07	2 SKS	Floccs 1/4" P/SK	42.25	85.50
26 A	210 SKS	Thick Set cement	13.00	2730.00
10 A	17 SKS	KOI-SEAL 4" P/SK	16.90	287.30
707 A	20.25 Ton	50 miles - Bulk Trucks	1.00	1012.50
161	1	4 1/2" AFU Float Shoe	139.00	139.00
03	2	4 1/2" Cement Baskets	129.00	258.00
29	4	4 1/2" Centralizers	28.00	112.00
104	1	4 1/2" Top Rubber Plug	38.00	38.00
			6.32	SALES TAX
				ESTIMATED
				TOTAL

WITNESSED BY Les Kremer TITLE owner DATE _____
 199811

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TICKET NUMBER 5343

CONSOLIDATED OIL WELL SERVICES, INC.
W. 14TH STREET, CHANUTE, KS 66720
431-9210 OR 800-467-8676

KCC WICHITA

LOCATION Eureka

FOREMAN Russell McLean

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-05	4493	Mush Rush #1	19	19	6	CHASE
OPERATOR Lemeier Production Operating						
MAILING ADDRESS 33 OS Highway 56						
CITY Springton		STATE KS	ZIP CODE 67449			
TYPE water haul		HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT		
LOG DEPTH		DRILL PIPE	TUBING	OTHER		
COST PER CY		SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING		
CEMENT		DISPLACEMENT PSI	MIX PSI	RATE		

REMARKS:

9-13-05 Haul water to pits for Drilg Rig 9 hrs

9-14-05 Haul water to pits for Drilg Rig 10 hrs

9-15-05 Drive to Rig to haul water (to muddy) 2 hrs

21 hrs

Thank you
Russell McLean

COUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
		PUMP CHARGE		
		MILEAGE		
502 A	21 hrs	80 Bbl Vac Truck	82.00	1722.00
Sub TOTAL				1722.00
				SALES TAX
				ESTIMATED TOTAL
				1722.00

DRIZATION call by Les

199697
TITLE Owner

DATE