

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32381
Name: K & S Oil
Address 1: 409 Randolph
Address 2: _____
City: McPherson State: KS Zip: 67460 + 1906
Contact Person: Jay Krehbiel
Phone: (620) 241-4901
CONTRACTOR: License # 32701
Name: C & G Drilling
Wellsite Geologist: Bruce Reed
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

9-14-10 9-20-10 9-20-10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date
Per geo rpt - Kee-11g

API No. 15 - 159-22624-00-00
Spot Description: W2E2E2NE
____ Sec. 22 Twp. 20 S. R. 6 East West
1,320 Feet from North / South Line of Section
600 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rice
Lease Name: Fry Well #: 8
Field Name: Welch-Barnholdt
Producing Formation: Kansas City
Elevation: Ground: 1577 Kelly Bushing: 1583
Total Depth: 3100 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 203 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/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 14200 ppm Fluid volume: 440 bbls
Dewatering method used: Vacuum truck hauled to swd
Location of fluid disposal if hauled offsite: _____
Operator Name: K & S Oil
Lease Name: Lindholm License #: 32381
Quarter SW Sec. 13 Twp. 20 S. R. 6 East West
County: Rice Permit #: D-22231

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Owner Date: 7-19-11

KCC Office Use ONLY

Letter of Confidentiality Received

Date: JUL 25 2011

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Dlg Date: 7/29/11

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Operator Name: K & S Oil Lease Name: Fry Well #: 8
 Sec. 22 Twp. 20 S. R. 6 East West County: Rice

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 complete 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 checked="" type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Dual Compensated Porosity Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>2555</td> <td>-972</td> </tr> <tr> <td>Lansing</td> <td>2778</td> <td>-1195</td> </tr> </table>	Name	Top	Datum	Heebner	2555	-972	Lansing	2778	-1195
Name	Top	Datum								
Heebner	2555	-972								
Lansing	2778	-1195								

CASING RECORD <input type="checkbox"/> New <input checked="" 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	203	Class A	150	2% Gel 3% CaIC
Production	7 7/8	5 1/2	15	3099	Class A	125	2% Gel 1 1/2% CC
							5% Kol-Seal

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3035	Class A	5	

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	3060-64 Plugged Back to 3035 with bailer and cement	250 Gal Mud Acid 15%	3060
4	3004-08	250 Gal Mud Acid 15%	3004
4	2906-10	250 Gal Mud acid 15%	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>2980</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>6-2-11</u>		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>0</u>	Gas Mcf <u>0</u> Water Bbls. <u>250</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Ventd <input type="checkbox"/> Sold <input checked="" 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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3004-08</u> <u>2908-10</u>
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 JUL 25 2011
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CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 28597
LOCATION El Dorado #80
FOREMAN Jim Thomas

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8876

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-20-10	4535	Fry #8	22	205	6W	Rice
CUSTOMER K+S Oil Co			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 1520 N. Grimes St.			446	Jacob		
CITY McPherson			442	Ted		
STATE Ks		ZIP CODE 67460				

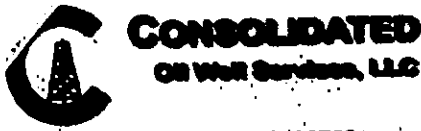
JOB TYPE Long String HOLE SIZE 7 7/8" HOLE DEPTH 3100ft. CASING SIZE & WEIGHT 5 1/2" 15.50#
CASING DEPTH 3099ft. DRILL PIPE _____ TUBING _____ OTHER None
SLURRY WEIGHT 150-55 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20.47ft.
DISPLACEMENT 73.42 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rig up to 5 1/2" casing & circulate for 45min. with rig mud pump. Rig up cement lines & brake circulation. Pump 125 sacks class A gel. 1 1/2 bcc, + 5% Kol-Seal. Shut down & wash up pump & lines. release 5 1/2" plug & disp. 40305ft. Bump Plug 1200#. Shut down & release PSI Plug held. Wash up rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	80	MILEAGE	365	292.00
11045	125sks	class A	13.50	1687.50
11188	250lbs	gel	.20	50.00
1102	160lbs	Calcium Chloride	.75	120.00
110A	650lbs	Kol-Seal	.42	273.00
4406	1	5 1/2" Rubber Plug	61.00	61.00
4130	6	5 1/2" Centralizer	46.00	276.00
5407A	5.87 Tons	80 miles Bulk De		615.36
			RECEIVED	
			JUL 25 2011	
Subtotal			KOC WICHITA	4299.86
			SALES TAX	180.13
			ESTIMATED TOTAL	4479.99

Rev 3737 236871 DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



ENTERED

TICKET NUMBER 28593
 LOCATION Eldorado #80
 FOREMAN Jim Thomas

PO Box 884, Chanute, KS 66720
 620-431-8210 or 800-467-8678

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-14-10	4535	Fry #8	22	205	6W	Rice
CUSTOMER K&S Oil Co			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 1520 N. Grimes St.			446	brad		
CITY McPherson			491	Kevin		
STATE KS						
ZIP CODE 67460						

JOB TYPE Surface 0 HOLE SIZE 12 1/4 HOLE DEPTH 213 CASING SIZE & WEIGHT 8 5/8" 24.0#
 CASING DEPTH 212 DRILL PIPE _____ TUBING _____ OTHER New
 SLURRY WEIGHT 15.0-15.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 20.0
 DISPLACEMENT 12.30 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rig up to 8 5/8" Brake circulation, Pump 1500psi Class A
2 1/2 gal 13% cc K⁺ Flo-Seal, displacement to 193 ft. + Shut in. Cement did circulate
in the collar. Wash net rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015		PUMP CHARGE	725.00	725.00
5406	80	MILEAGE	3.65	292.00
11045	150sts	Class A	13.50	2025.00
11188	300lbs	Gel	1.20	60.00
1102	500lbs	Calcium Chloride	.75	375.00
1107	75lbs	Flo-Seal	2.10	157.50
5407A	7.05 Tons	80 miles Bulk Del.	1.20	696.80
			RECEIVED	
			JUL 25 2011	
			KCC WICHITA	
			Subtotal	4311.30
			SALES TAX	191.09
			ESTIMATED TOTAL	4502.39

Form 3737

026869

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**DRILLING INFORMATION
AND GEOLOGICAL REPORT**

Operator: K&S Oil Company
 Lease: #8 Fry
 Survey: 1,320' FNL / 600' FEL
 Section 22-20S-6W
 Field: Welch-Barnholdt
 County: Rice
 State: Kansas

Contractor: C&G Drilling, Inc.
 Elevation: 1577' GL / 1583' KB
 Surface Casing: 8-5/8" @ 203'
 Production: 5-1/2" @ 3099'
 Mud Up: 2320'
 Geologist: 2483'
 Pipe Strap: None
 Survey: Straight hole @ 2084' (1/4 degree deviation)
 Testing: None
 Log: Log Tech / Dual Compensated Porosity-Dual Induction
 RTD: 3100'
 LTD: 3103'

Daily Penetration

09/14/10	Spud
09/15/10	213'
09/16/10	1379'
09/17/10	2200'
09/18/10	2752'
09/19/10	3054'
09/20/10	3100'

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Formation Tops

<u>Formation</u>	<u>Sample Top</u>	<u>Datum</u>	<u>Log</u>	<u>Datum</u>	<u>Structural Comparison</u>
Heebner	2555'	- 972	2557'	- 974	
Lansing	2778'	-1195	2779'	-1196	-6

Reference well for structural comparison: K&S Oil Company, #3 Fry, C SE NE, Section 22-20S-6W, Rice County, Kansas

Zones of Interest

- 2785'-2795' Lansing/KC - Limestone, cream to tan. Fine crystalline, oolitic to oolitic. Fair to good inter-oolitic and vug porosity. There was no odor detected in the fresh sample and dull fluorescence. No shows of free oil or staining.
- 2891'-2909' Lansing/KC - Limestone, cream to tan. Fine crystalline, oolitic to oolitic. Poor to fair visible porosity. Sub-chalky. There was no odor detected in the fresh sample and dull fluorescence. No shows of free oil or staining.
- 3005'-3009' Lansing/KC - Limestone, cream to gray. Fine crystalline to slightly fossiliferous. Poor visible intercrystalline porosity. Chalky in part. There was a faint odor detected in the fresh sample with scattered bright fluorescence (5%). Few pieces with a light rainbow showing of free oil and no staining.
- 3057'-3064' Lansing/KC - Limestone, gray, cream tan. Fine crystalline, coarsely oolitic to oolitic. Poor to fair visible porosity. Sub-chalky in part. There was a faint odor detected in the fresh sample with dull fluorescence. Few pieces with a very light rainbow showing of free oil. No visible to questionable staining.

(See enclosed strip log for reference)

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Comments and Recommendations

All tops have been corrected to the electric log for structural comparison. Structurally this test ran lower on the top of the Lansing / Kansas City, compared to the producer (#3 Fry) south of this location. Multiple zones of porosity were encountered in the Lansing / Kansas City formation. All porosity zones of interest were circulated and evaluated for shows of oil, odor and fluorescence.

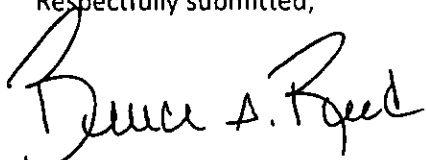
A porosity zone encountered during drilling in the Lansing / Kansas City formation from 3057' to 3064' (K Zone) which exhibited a faint odor in the wet sample, dull fluorescence and a rainbow show of free oil. Log analysis (50% SW) indicates further testing through perforations at 3058' to 3060'.

Another porosity zone was encountered during drilling in the Lansing / Kansas City formation from 3005' to 3009' (J Zone) which exhibited a faint odor in the wet sample, scattered bright fluorescence and a rainbow show of free oil. Log analysis (90 % SW) indicates further testing through perforations at 3003.5' to 3004.5'.

All perforated intervals should be located with a cased hole / correlation log prior to perforating. It is recommended to start perforating and testing with the K Zone, then move up to the J Zone.

Drill cuttings have been delivered to the Kansas Geological Survey.

Respectfully submitted,



Bruce A. Reed – Well Site Geologist

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