

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 # 8210
Name: Edward E Birk
Address 1: 302 South 16th
Address 2: _____
City: Burlington State: Ks Zip: 66839 + _____
Contact Person: Edward E Birk
Phone: (620) 364-1311 - office
CONTRACTOR: License # 33557
Name: Skyy Drilling
Wellsite Geologist: David B. Griffin
Purchaser: Coffeyville Resources

API No. 15 - 031-22741-00-00
Spot Description: _____
SW SE SW SE Sec. 5 Twp. 21 S. R. 14 East West
240 Feet from North / South Line of Section
1,870 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Coffey
Lease Name: Thomsen Well #: 1
Field Name: Pieratt
Producing Formation: Squirrel
Elevation: Ground: 1151' Kelly Bushing: 1158'
Total Depth: 1498 Plug Back Total Depth: 1393'
Amount of Surface Pipe Set and Cemented at: 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1393
feet depth to: surface w/ 185 sx cmt.

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 #: _____

10/07/2010	10/13/2010	10/13/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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: Agent Date: 04/14/2011

KCC Office Use ONLY

RECEIVED
APR 15 2011
KCC WICHITA

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DG Date: 4/20/11

Date of First, Resumed Production, SWD or ENHR. <u>pending</u>	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	KCC WICHITA		
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 (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Operator Name: Edward E Birk Lease Name: Thomsen Well #: 1
 Sec. 5 Twp. 21 S. R. 14 East West County: Coffey

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 Wire-line 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray/Neutron/CCL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>Squirrel Sand</td> <td>1332</td> <td></td> </tr> </table>	Name	Top	Datum	Squirrel Sand	1332	
Name	Top	Datum					
Squirrel Sand	1332						

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 Casing	12 1/4"	8 5/8"		40'	Portland	32	Calcium
Long String	6 3/4"	4 1/2"		1393'	60/40 Pozmix	185	5#Kol-seal, 4%gel, 1%cal

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 <i>(Amount and Kind of Material Used)</i>	Depth
4 shots/ft	3 3/8" DP 23 Gram Tungsten: 1332-1342'	Frac w/90 sx sand	1332-1342

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. pending		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

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CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 29198
LOCATION Evreka KS
FOREMAN Rick Ledford

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
10-13-10		Thompson #2				Coffey																
CUSTOMER Birk Oil			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>520</td> <td>Cliff</td> <td></td> <td></td> </tr> <tr> <td>543</td> <td>Dave</td> <td></td> <td></td> </tr> <tr> <td>436</td> <td>Allen B.</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	520	Cliff			543	Dave			436	Allen B.		
TRUCK #	DRIVER	TRUCK #					DRIVER															
520	Cliff																					
543	Dave																					
436	Allen B.																					
MAILING ADDRESS 900 South 4th																						
CITY Burlington	STATE KS	ZIP CODE 66839																				

JOB TYPE logstring HOLE SIZE 6 3/4" HOLE DEPTH 1410' CASING SIZE & WEIGHT 4 1/2"
 CASING DEPTH 1403' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 # SLURRY VOL _____ WATER gal/sk 7.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 22 1/4 Bbl DISPLACEMENT PSI 1000 MIX PSI 1100 RATE _____

REMARKS: Safety meeting - Rig up to 4 1/2 casing Birm circulation w/ 10 Bbl fresh water. Mixed 185 sks 60/40 Pozmix cement w/ 5" Kol-sal 1sk, 170 gal, 1% cacl2 + 1/2" phenosal 1sk @ 13.8#/gal. Washout pump + lines shut down release plug. Displace w/ 22 1/4 Bbl fresh water. Final pump pressure 1000 PSI Birm plug to 1100 PSI. Wait 2 mins. release pressure 5 min hold. (and cement returns to surface = 1 Bbl slurry to surface. Job complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	30	MILEAGE	3.65	109.50
1131	185 sks	60/40 Pozmix cement	11.35	2099.75
1110A	925 #	5" Kol-sal 1sk	.42	388.50
1118B	635 #	490 gal	.20	127.00
1102	160 #	17% cacl2	.75	120.00
1107A	93 #	1/2" phenosal 1sk	1.15	106.95
5407	7.96	for mileage bulk tax	m/c	315.00
5502C	4 hrs	80 Bbl vac tank	100.00	400.00
1123	3000 gal's	city water	14.70/1000	44.10
4129	3	4 1/2" centralizers	40.00	120.00
4103	2	4 1/2" baskets	208.00	416.00
4161	1	4 1/2" AFU float shoe	273.00	273.00
4404	1	4 1/2" top rubber plug	45.00	45.00
			RECEIVED	
			APR 15 2011	
			KCC WICHITA	
			Subtotal	5490.40
			SALES TAX	235.68
			ESTIMATED TOTAL	5726.08

AUTHORIZATION [Signature] 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.

Depth	Lithology	Showers	David Griffin, RG, Lawrence, KS			Well No: <i>Thompson 1</i>	Pg. 1 of 4		
			Penetration Rate		Total Gas (Logged)	Location: <i>SWSESW 34th, 240' 1st</i>	Date/Elev.		
			Min/Foot	Units	1870' 1st, Sec. 5-7215-R14E, Coff. Co.	K.B. 17.58			
0	5	10	15	0	50	100	150	Sample Descriptions (Logged)	Topo/Remarks
1250 10-11-10								Oper: <i>Edward A. Birk</i> Contr: <i>Skgy Drilling</i> <i>6 3/4" 5-blade PDC Bit</i>	(GL 1151 sup)
500P								LS, dkbn-gg, to bn, prf, ns sh, bk, carb	
1300								sh, gg, silty, lms + tr sh, gg, silty	
600P								sh, gg, silty, few lms, silt w/ pellets AA LS, gg, ta, foss. sh, bk LS, gg, ta, to gg, v. sch, dns, ns	Cherokee 1352 (-174)
1350								siltst, ltgg, ns siltst, ltgg, v. sch, prf, ns LS, ta, n SS, dkbn, v. fg, silt, min mica, 1872-86: 75% ss, sd, v. gd, sfo, Md. Bed No gas bubbles 1874-50: 60% ss, sd, sfo, gd, Bed No gas bubbles siltst, ltgg to gg, mica + carb. AA	Upper Squirrel SS 1392 (-189) B' Base 1350
700P								LS, gg, dns, foss, ns sh, gg sh, gg to dk, gg SS, dkbn, dk, gg, v. fg, sub-ang, fr- sh, ta, silt, mica, fr- SS, gg, v. fg, fr, silt, mica, abnd m + c silty, sh, dk, gg; SS lam, 10%, fr, sh, ta pr, fr, mica, abnd mica + carb. sh, dk, gg, silty, silt, few ss lam, ns, prf abd m + c AA sh, gg, bk con sh, gg, ltgg LS, dk, gg to bk, dns, Ardmore sh, bk siltst, ltgg, lms, prf, mica, ns	Lower Squirrel 1390 (-252), 10 Base 1400
800P								siltst, AA w/ ls, ta, concretions siltst, ltgg, SS, ltgg, 30% to low, v. fg gd, Rx Frogs, ns SS, 30%, ltgg, AA, ns, siltst, ltgg, sh, ltgg sh, ltgg to gg	V-shale 1442 (-284)
1450									
10-11-10 850P 1500								Coal	

RECEIVED
APR 15 2011
KCC WICHITA