

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 33539
 Name: Cherokee Wells, LLC
 Address: P.O. Box 296
 City/State/Zip: Fredonia, KS 66736
 Purchaser: Southeastern Kansas Pipeline
 Operator Contact Person: Tracy Miller
 Phone: (620) 378-3650
 Contractor: Name: Well Refined Drilling
 License: 33072
 Wellsite Geologist: _____
 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. _____
 3/13/07 3/15/07 8/10/07
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 205-27099-0000
 County: Wilson
 NE SE NE Sec. 29 Twp. 29 S. R. 14 East West
1650 feet from S / (N) (circle one) Line of Section
330 feet from (E) / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: Crawshaw Well #: A-1
 Field Name: Cherokee Basin Coal Gas Area
 Producing Formation: See Perforating Record
 Elevation: Ground: 967.81' Kelly Bushing: NA
 Total Depth: 1430' Plug Back Total Depth: 1419'
 Amount of Surface Pipe Set and Cemented at 42' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from bottom casing
 feet depth to surface w/ 155 sx cmt.
Drilling Fluid Management Plan *Act II within 9-17-07*
 (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 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: Shannu Shaha
 Title: Administrative Assistant Date: 8/21/07
 Subscribed and sworn to before me this 21 day of August
2007
 Notary Public: Tracy Miller
 Date Commission Expires: 12/1/2010

TRACY MILLER
 Notary Public - State of Kansas
 My Appt. Expires 12/1/2010

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: 8-30-07
 Wireline Log Received
 Geologist Report Received
 UIC Distribution _____

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Operator Name: Cherokee Wells, LLC Lease Name: Crawshaw Well #: A-1
 Sec. 29 Twp. 29 S. R. 14 East West County: Wilson

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

**High Resolution Compensated Density/Neutron Log
 Bond Log**

Log Formation (Top), Depth and Datum Sample

Name Top Datum

Driller Log Enclosed

CASING RECORD New 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	12.25"	8.625"	26#	42'	Portland	30	
Longstring	6.75"	4.5"	10.5#	1421'	Thick Set	155	

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 (Amount and Kind of Material Used)	Depth
4	Mulberry 965-966'	Mulberry Water Frac: 1700# 16/30 Sand	
4	Summit 1050-1052'; Mulky 1064.5-1067.5'	Summit/Mulky Water Frac: 14000 16/30 Sand	
4	Bevier 1120-1121'; Croweburg 1136.5-1139'	Bevier/Croweburg Water Frac: 6100# 16/30 Sand	
4	Mineral 1192-1193	Mineral Water Frac: 1550# 16/30 Sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
8/11/07	<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
		20	50-75		

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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Well Refined Drilling Co., Inc.

4230 Douglas Road Thayer, KS 66776

Contractor License # 33072

620-839-5581/ Office; 620-432-6170/Jeff Kephart Cell; 620-839-5582/FAX

HAVE RIG
Rig # 2
WILL DIG!

Rig #:	2	Lic: 33342
API #:	205-27099	
Operator:	Cherokee Wells, LLC	
	4916 Camp Bowie Suite 204	
	Fort Worth, TX 76107	

S 29	T 29	R 14
Location:		NE, SE4, NE4
County:		Wilson

				Gas Tests			
Well #:	A-1	Lease Name:	Crawshaw	Depth	Inches	Orifice	flow - MCF
Location:	1650	ft. from N	Line	see page 3			
	330	ft. from E	Line				
Spud Date:	3/13/2007						
Date Completed:	3/15/2007	TD:	1430				
Driller:	Josiah Kephart						
Casing Record	Surface	Production					
Hole Size	12 1/4"	6 3/4"					
Casing Size	8 5/8"						
Weight	26						
Setting Depth	42'						
Cement Type	Portland						
Sacks	30	Consolidated					
Feet of Casing	42'						
Note:	Used Booster.						

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	OB	447	482	shale	682		Add Water
1	3	clay	482	493	lime	681	682' 6"	coal
3	39	sand	493	517	shale	682' 6"	685	shale
		Wet	517	549	lime	685	706	lime
39	238	shale			Oil Odor	706	713	shale
238	250	lime	549	551	Stark- blk shale	713	734	lime
		Wet	551	607	lime	734	736	shale
250	275	shale	607	626	sand	736	738' 6"	Southmound- blk shale
275	327	lime	626	642	lime	738' 6"	764	shale
327	336	shale			Wet	764	765	blk shale
336	337	lime	642	643	shale	765	769	shale
337	343	sand	643	644' 6"	Hushpuckney- blk shale	769	776	lime
343	437	shale			Wet	776	812	shale
437	440	lime	644' 6"	646	shale	812	830	lime
440	441	shale	646	650	lime	830	840	shale
441	447	sand	650	681	shale	840	856	Altamont- lime

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CONSERVATION DIVISION
WICHITA, KS

Operator: Cherokee Wells LLC			Lease Name: Crawshaw			Well # A-1		page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
856	857' 6"	blk shale	1110	1118	shale			
857' 6"	862	shale	1118	1119	lime			
862	870	sand	1119	1120	shale			
870	873	shale	1120	1121' 6"	Bevier- coal			
873	877	Laminated sand	1121' 6"	1134	shale			
877	882	sandy/ shale	1134	1136	lime			
882	887	shale	1136	1137' 6"	Crowburg- blk shale			
887	891	sand	1137' 6"	1139	coal			
891	896	Laminated sand	1139	1143	shale			
896	898	coal	1143	1149	Cattleman- sand			
898	899	coal	1149	1177	sandy/ shale			
899	901	shale	1177	1178' 6"	Fleming- coal			
901	950	sand	1178' 6"	1192	shale			
950	961	shale	1192	1193	Mineral- coal			
961	962	lime	1193	1202	shale			
962	963' 6"	Mulberry- coal	1202	1203	Scammon- coal			
963' 6"	993	lime	1203	1231	shale			
993	994	shale	1231	1238	sand			
994	995' 6"	Lexington- blk shale	1238	1245	shale			
995' 6"	1026	shale	1245	1262	sandy/ shale			
1026	1026' 6"	coal	1262	1265	shale			
1026' 6"	1049	Oswego- lime	1265	1269	lime			
		Oil Odor	1269	1277	shale			
1049	1050	shale	1277	1279	Red Bed			
1050	1052	Summit- blk shale	1279	1284	shale			
1052	1056	shale	1284	1290	Red Bed			
1056	1059	lime	1290	1336	shale			
1059	1060	shale	1336	1337' 6"	Rowe- coal			
1060	1062	Mulky- blk shale	1337' 6"	1369	shale			
1062	1063' 6"	coal	1369	1370	Riverton- coal			
1063' 6"	1070	shale	1370	1376	shale			
1070	1075	lime	1376	1387	Mississippi- chat			
1075	1077	shale	1387	1430	lime			
1077	1110	Squirrel- sand	1430		Total Depth			
		Oil Show						

Notes: 07LC-031507-R2-016-Crawshaw A-1 - CWLLC

CW-052

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CONSERVATION DIVISION
WICHITA, KS

Gas Tests			
Depth	Inches	Orifice	flow - MCF
345	No Flow		
555	No Flow		
610	4	1 1/4"	87.8
647	Gas Check Same		
684	Gas Check Same		
740	2	1 1/4"	62
767	Gas Check Same		
830	4	1"	51.6
859	Gas Check Same		
865	Gas Check Same		
880	3	1"	44.7
889	Gas Check Same		
900	Gas Check Same		
905	Gas Check Same		
930	Gas Check Same		
930	Gas Check Same		
955	Gas Check Same		
965	Gas Check Same		
1005	Gas Check Same		
1030	Gas Check Same		
1055	Gas Check Same		
1065	Gas Check Same		
1080	Gas Check Same		
1125	Gas Check Same		
1141	Gas Check Same		
1145	Gas Check Same		
1180	Gas Check Same		
1195	Gas Check Same		
1205	Gas Check Same		
1240	Gas Check Same		
1339	3	1"	44.7
1371	Gas Check Same		
1380	Gas Check Same		
1405	Gas Check Same		
1430	Gas Check Same		

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CONSERVATION DIVISION
WICHITA, KS

CONSOLIDATED OIL WELL SERVICE, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

KET NUMBER 17077
 LOCATION EULENA
 FOREMAN Rick Larson

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-17-07	3070	Crawshaw A-1				Wilson
CUSTOMER Gateway Titan			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS P.O. Box 960			463 Kyle			
CITY STATE ZIP CODE Mearns OK 74855			439 Cliff			

JOB TYPE logstring HOLE SIZE 6 3/4" HOLE DEPTH 1430' CASING SIZE & WEIGHT 4 1/2"
 CASING DEPTH 1421' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4^{lb} SLURRY VOL 46 Bbl WATER gal/sk 8.0 CEMENT LEFT IN CASING 0'
 DISPLACEMENT 22.6 Bbl DISPLACEMENT PSI 800 ~~PUMP~~ PSI 1800 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 30 Bbl fresh water. Pump 6 sks gel-flush, 20 Bbl water spacer, 13 Bbl dye water. Mixed 155 sks thickset cement w/ 5" Kd-seal @ 13.4^{lb}/sk. Wash out pump & lines. shut down, release plug. Displace w/ 22.6 Bbl fresh water. final pump pressure 800 PSZ. Bump plug to 1200 PSZ, wait 2 mins, release pressure, float held. Good cement returns to surface = 8 Bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840.00	840.00
5406	40	MILEAGE	3.30	132.00
1126A	155	thickset cement	15.40	2387.00
1110A	775	Kd-seal 5" @ 13.4 ^{lb} /sk	.38	294.50
1118A	300 ^{gal}	gel-flush	.15	45.00
5407	8.53	top-mileage bulk tax	27/6	285.00
4404	1	4 1/2" top rubber plug	40.00	40.00
4129	1	4 1/2" centralizer	36.00	36.00
4156	1	4 1/2" flapper valve float shoe	208.00	208.00
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CONSERVATION DIVISION WICHITA KS				
			subtotal	4267.50
			SALES TAX 6.3%	189.66
			ESTIMATED TOTAL	4457.16

AUTHORIZATION Witnessed by [Signature] TITLE _____ DATE _____