

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33539
Name: Cherokee Wells, LLC
Address: P.O. Box 296, Fredonia, KS 66736
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: N/A
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.
3/19/07 3/22/07
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-27105-00-00
County: Wilson
C SE NW Sec. 32 Twp. 29 S. R. 14 East West
1980 feet from S (circle one) Line of Section
1980 feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Apollo Well #: A-4
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: N/A
Elevation: Ground: 961.21' Kelly Bushing:
Total Depth: 1430' Plug Back Total Depth:
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/ 150 sx cmt.
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT II with 9-17-07
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: *Emily Younger*
Title: Administrative Assistant Date: 8/30/07
Subscribed and sworn to before me this 30 day of August
20 07.
Notary Public: *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:
 Wireline Log Received RECEIVED
..... Geologist Report Received KANSAS CORPORATION COMMISSION
..... UIC Distribution SEP 04 2007
..... CONSERVATION DIVISION
..... WICHITA, KS

Operator Name: Cherokee Wells, LLC Lease Name: Apollo Well #: A-4
 Sec. 32 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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
Driller Log Enclosed

List All E. Logs Run:

**High Resolution Compensated Density/Neutron Log
 Dual Induction Log**

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"		42'	Portland		
Longstring	6.75"	4.5"	10.5#	1430'	Thick Set	150	

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

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. 10/19/06	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	Water Bbls.	Gas-Oil Ratio Gravity

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

Rig #:	2	Lic: 33342
API #:	15-205-27105-0000	
Operator:	Cherokee Wells, LLC	
	4916 Camp Bowie Suite 204	
	Fort Worth, TX 76107	



S 32	T 29	R 14E
Location:		SE, NW
County:		Wilson

				Gas Tests			
Well #:	A-4	Lease Name:	Apollo	Depth	Inches	Orifice	flow - MCF
Location:	1960	ft. from N	Line	see page 3			
	1960	ft. from W	Line				
Spud Date:	3/15/2007						
Date Completed:	3/19/2007		TD:	1430			
Driller: Josiah Kephart							
Casing Record		Surface	Production				
Hole Size	12 1/4"		6 3/4"				
Casing Size	8 5/8"						
Weight							
Setting Depth	42'						
Cement Type	Portland						
Sacks	Consolidated						
Feet of Casing	42'						
Note: Used Booster.							

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	OB	464	477	lime	890	891	coal
1	7	clay	477	500	shale	891	916	sand
7	37	sand	500	627	lime	916	952	shale
37	221	shale	627	635	shale	952	954	lime
221	236	lime	635	662	sand	954	955	coal
236	255	shale	662	763	lime	955	984	lime
255	293	lime	689		Oil Odor	984	988	shale
293	420	shale	763	772	shale	988	990	Lexington- blk shale
420	422	lime	772	774	blk shale	990	1014	shale
422	423	coal	774	794	shale	1014	1037	Oswego- lime
423	438	sand	794	820	shale	1030		Stop for Day
438	439	coal	820	824	sand	1037	1039	shale
439	450	sand	824	862	shale	1039	1041	Summit- blk shale
450	451	coal	862	869	sand	1041	1045	shale
451	454	sand	869	875	shale	1045	1054	lime
454	464	shale	875	890	sand	1054	1056	shale

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WICHITA KS

Operator: Cherokee Wells LLC			Lease Name: Apollo			Well # A-4		page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
1056	1057	blk shale						
1057	1060	Mulky- coal						
1060	1064	Breezy Hill- lime						
1064	1075	Squirrel- sand						
1075	1111	shale						
1111	1112	coal						
1112	1124	shale						
1124	1126	Ardmore- lime						
1126	1127	Crowburg- coal						
1127	1131	shale						
1131	1139	Cattleman- sand						
1139	1172	shale						
1172	1173	coal						
1173	1185	shale						
1185	1186	Weir- coal						
1186	1195	shale						
1195	1199	Laminated sand						
1199	1215	shale						
1215	1227	Bartlesville- sand						
1227	1229	sandy/ shale						
1229	1230	Tebo- coal						
1230	1329	shale						
1329	1330	Rowe- coal						
1330	1340	shale						
1340	1341	Neutral- coal						
1341	1368	shale						
1368	1369	Riverton- coal						
1369	1371	shale						
1371	1430	Mississippi- chat						
1430		Total Depth						

Notes: 07LC-031907-R2-017-Apollo A-4 - CWLLC

CW-054

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CONSERVATION DIVISION
WICHITA, KS

Gas Tests			
Depth	Inches	Orifice	flow - MCF
430		No Flow	
455		No Flow	
630		No Flow	
655	7	1"	68.3
705		Gas Check Same	
780	4	1"	51.6
805		Gas Check Same	
880	3	1"	44.7
905		Gas Check Same	
955	1	1"	25.8
1005	6	3/4"	34.7
1030		Gas Check Same	
1055	8	3/4"	40
1080		Gas Check Same	
1105	2	3/4"	20
1130		Gas Check Same	
1155		Gas Check Same	
1180	4	3/4"	28.3
1205		Gas Check Same	
1230	5	3/4"	31.6
1330		Gas Check Same	
1355		Gas Check Same	
1380		Gas Check Same	

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CONSERVATION DIVISION
TOPEKA, KS

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

TICKET NUMBER 17087
 LOCATION Eureka
 FOREMAN Steve McCall

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY												
3-22-07	3870	Appl 24				Wilson												
CUSTOMER Gateway Titan			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>486</td> <td>Alan</td> <td></td> <td></td> </tr> <tr> <td>502</td> <td>Shannon</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	486	Alan			502	Shannon		
TRUCK #	DRIVER	TRUCK #					DRIVER											
486	Alan																	
502	Shannon																	
MAILING ADDRESS P.O. Box 960																		
CITY Meeker	STATE OK	ZIP CODE 74866																
JOB TYPE <u>Longstring</u>	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT <u>4 1/2 10.5" New</u>															
CASING DEPTH <u>1430'</u>	DRILL PIPE	TUBING	OTHER															
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING															
DISPLACEMENT <u>22 3/4</u>	DISPLACEMENT PSI	MIX PSI	RATE															

REMARKS: Safety Meeting. Rig up to 4 1/2" casing. Break circulation with 25 bbls fresh water. Pump 6 sks Gel Flush 6 bbls water spacer. 11 bbls Dye water. Mixed 150 sks Thick set cement with 5" Kol-Seal pap/sk 17.2" shut down wash out pump & liner. Release plug. Displace with 22 3/4 bbls freshwater. Final pumping pressure 600# Bump plug 1100#. Wait 2 min Release pressure, plug held Good cement RETURNS TO SURFACE. About 2 bbls slurry. 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
1126-A	150 sks	Thick set cement	15.40	2310.00
1110-A	750*	Kol-seal 5" Pap/sk	.38	285.00
1118-A	300*	Gel Flush	.15	45.00
5407		Ten mileage Bulk Truck	19/5	285.00
4404	1	4 1/2" Tap Rubber Plug	40.00	40.00
4129	1	4 1/2" Centralizers	36.00	36.00
4166	1	4 1/2" Flapper Valve Float Shoe	208.00	208.00
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CONSERVATION DIVISION WICHITA, KS			Sub Total	2181.00
			SALES TAX 6.7%	184.28
			ESTIMATED TOTAL	4365.28

AUTHORIZATION Call by Mike

TITLE Co Rep

DATE 3-22-07

212601