

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

11/28/09
Form ACO-1
September 1998
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: N/A

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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. _____

11/21/07	11/27/07	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27344-00-00
County: Wilson
C NW SE Sec. 31 Twp. 27 S. R. 14 East West
1980 feet from S N (circle one) Line of Section
1980 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Boyle Well #: A-1
Field Name: Cherokee Basin Coal Gas Area

Producing Formation: N/A
Elevation: Ground: 921.2' Kelly Bushing: N/A
Total Depth: 1405' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 43' 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 AK II MS 3-19-09
(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: Emily Gyberg
Title: Administrative Assistant Date: 12/4/07
Subscribed and sworn to before me this 4 day of December
07
Notary Public: Tracy Miller
Date Commission Expires: _____

TRACY MILLER
Notary Public - State of Kansas
My Appt. Expires 12/11/2010

KCC Office Use ONLY
Y Letter of Confidentiality Received
✓ If Donied, Yes Date: _____
Wireline Log Received
Geologist Report Received
UIC Distribution
RECEIVED
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WICHITA, KS

Operator Name: Cherokee Wells, LLC Lease Name: Boyle Well #: A-1
 Sec. 31 Twp. 27 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's Log Enclosed

List All E. Logs Run:

High Resolution Compensated Density/Neutron Log
 Dual Induction Log

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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#	43'	Portland	10	
Longstring	6.75"	4.5"	10.5#	1400'	Thickset	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
N/A	N/A	N/A	N/A

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify)

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INSOLIDATED OIL WELL SERVICES, LLC
 P.O. BOX 884, CHANUTE, KS 66720
 0-431-9210 OR 800-467-8676

TICKET NUMBER 15291
 LOCATION FOREMAN
 FOREMAN RICK LEDARD

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
-29-07		Boyle A-1				Wilson
CUSTOMER Domestic Energy Partners						
BILLING ADDRESS 4916 Camp Bowie suite 200			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY FORT WORTH TX 76102			463	Kyle	CONFIDENTIAL	
			439	John	NOV 28 2007	
					KCC	

3 TYPE loop string HOLE SIZE 6 3/4" HOLE DEPTH 1405' CASING SIZE & WEIGHT 4 1/2" 16.5"
 Casing Depth 1400' DRILL PIPE _____ TUBING _____ OTHER _____
 JOINT WEIGHT 134" SLURRY VOL 45 BWL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 PLACEMENT 22 1/4 BWL DISPLACEMENT PSI 200 ~~800~~ PSI 1200 RATE _____

MARKS: Safety meeting- Rig up to 4 1/2" casing. Break circulation w/ 30 Bbl fresh water. Pump to 500 gal-flush, 20 Bbl fresh water spacer, 13 Bbl dye water. Mixed 150 sacks thickset cement w/ 5" Kalsol ^{per spec} @ 134" ^{per spec}. Washout pump + lines shut down, release plug. Displace w/ 22 1/4 Bbl fresh water. Final prop pressure 200 psig. Pump plug to 1200 psig. wait 2 minutes, release pressure, float held. Grad 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	150 sacks	thickset cement	15.40	2310.00
1110A	750 "	Kalsol 5" ^{per spec}	.38	285.00
5407	8.95	tan-mileage bulk tax	17/1	285.00
1118A	300 "	gel-flush	.15	45.00
4404	1	4 1/2" top rubber plug	40.00	40.00
			Subtotal	3937.00
			6.3%	SALES TAX 168.85
				ESTIMATED TOTAL 4105.85

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AUTHORIZATION Called by Tyler Lobb TITLE C. L. DATE _____

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 #:	1	Lic: 33539	S31	T27S	R14E	
API #:	15-205-27344-0000		Location: NW,SE			
Operator:	Cherokee Wells, LLC		County: Wilson			
4916 Camp Bowie Suite 204			Gas Tests			
Fort Worth, TX 76107						
Well #:	A-1	Lease Name: Boyle	Depth	Inches	Orifice	flow - MCF
Location:	1980 ft. from S	Line	405	No Flow		
	1980 ft. from E	Line	530	No Flow		
Spud Date:	11/21/2007		739	5	3/8"	7.98
Date Completed:	11/27/2007	TD: 1405'	774	6	3/8"	8.74
Driller:	Shaun Beach		966	5	3/8"	7.98
Casing Record	Surface	Production	997	Gas Check Same		
Hole Size	12 1/4"	6 3/4"	1039	16	3/8"	14.2
Casing Size	8 5/8"		1130	5	1/2"	14.1
Weight	26#		1380	3	1/2"	10.9
Setting Depth	43					
Cement Type	Portland					
Sacks	10					
Feet of Casing						

HAVE RIG
Rig #1
WILL DIG.

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Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	5	clay	111	160	shale	483		add water
5	10	lime	160	170	sandy shale	490	498	sand
10	18	shale	170	270	shale	498	501	shale
18	60	sand	270	275	lime	501	525	sand
60	61	shale	275	298	shale	525	528	coal
61	67	sandy shale	298	317	lime	528	540	lime
67	70	shale	317	372	shale	540	560	shale
70	75	sandy shale	372	384	lime	560	684	lime
75	77	shale	384	390	shale	684	686	blk shale
77	84	sand	390	392	blk shale	686	690	lime
84	85	shale	392	394	shale	690	691	shale
85	90	sand	394	397	lime	691	695	sand
90	93	shale	397	434	hard shale	695	728	lime
93	103	sand	434	438	lime	728	734	shale
103	109	shale	438	442	shale	734	736	blk shale
109	111	sand	442	490	lime	736	764	lime

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Operator: Cherokee Wells LLC			Lease Name: Boyle			Well # A-1			page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation	
736	764	oil show	1065	1085	sandy shale				
764	766	shale	1085	1121	shale				
766	769	blk shale	1121	1122	coal				
769	816	shale	1122	1178	shale				
816	817	lime	1178	1215	sand				
817	839	shale	1215	1226	shale				
839	848	lime	1226	1237	sand				
848	850	limey shale	1237	1270	shale				
850	851	shale	1270	1278	Red Bed shale				
851	853	lime	1278	1316	shale				
853	869	shale	1316	1317	sand				
869	877	lime	1317	1342	shale				
877	888	shale	1342	1353	sand				
888	891	sand	1353	1365	shale				
891	911	shale	1365	1361	chat				
911	914	sandy shale	1361	1405	lime				
914	918	shale	1405		Total Depth				
918	935	sand							
935	936	sandy shale							
936	951	shale							
951	961	lime							
961	963	lime							
963	990	lime							
		oil smell							
990	994	blk shale							
994	1010	shale							
1010	1012	sand							
1012	1015	shale							
1015	1028	lime							
1028	1034	shale							
1034	1036.5	blk shale							
1036.5	1039	shale							
1039	1047	lime							
1047	1063	shale							
1063	1065	sandy shale							

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Notes:

CW-129

07LK-112707-R1-050-Boyle A-1-CWLLC-CW-129

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