

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

12/17/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33539
Name: Cherokee Wells, LLC
Address 1: P.O. Box 296
Address 2: 1033 Fillmore
City: Fredonia State: KS Zip: 66736 +
Contact Person: Emily Browning
Phone: (620) 378-3650
CONTRACTOR: License # 33072
Name: Well Refined Drilling
Wellsite Geologist: N/A
Purchaser: Southeastern Kansas Pipeline
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 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. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
11/9/09 11/11/09
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 205-27814-0000
Spot Description: NE-NE-NW-SW
NE NE NW SW Sec. 18 Twp. 27 S. R. 16 East West
2455 Feet from North / South Line of Section
1300 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Wilson
Lease Name: Haley Well #: A3-18
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Unknown
Elevation: Ground: 956' est. Kelly Bushing: N/A
Total Depth: 1282' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at: 47' 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 AH # NY 1-11-10
(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: Stacy Miller
Title: Administrative Assistant Date: 12/17/09

Subscribed and sworn to before me this 17 day of December, 2009.

Notary Public: Emily S. Browning
Date Commission Expires: 2/21/2012
EMILY S. BROWNING
Notary Public - State of Kansas
My Appt. Expires 2/21/2012

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Cherokee Wells, LLC Lease Name: Haley Well #: A3-18
 Sec. 18 Twp. 27 S. R. 16 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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 <i>(Submit Copy)</i> List All E. Logs Run: High Resolution Compensated Density/Neutron Log, Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Drillers Log Enclosed
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CASING RECORD <input checked="" type="checkbox"/> New <input 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
Conductor	17 1/2"	13 3/8"	N/A	45'	Class A Cement	60	
Surface	12 1/4" / 11"	8 5/8"	20	180' / 60'	Class A Cement	110	
Longstring	6 3/8"	4 1/2"	N/A	1220'	Thickset	155	

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 (Amount and Kind of Material Used)	Depth
N/A	N/A	N/A	N/A
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TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or Enhr.			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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> 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: 33539	S18	T27S	R16E
API #:	15-205-27814-0000		Location: NE,NE,NW,SW		
Operator:	Cherokee Wells, LLC		County: Wilson - OK		
	4916 Camp Bowie Suite 204				
	Fort Worth, TX 76107				



				Gas Tests			
Well #:	A3-18	Lease Name:	Haley	Depth	Inches	Orifice	flow - MCF
Location:	2455	FSL	Line				
	1300	FWL	Line	See Page 3			
Spud Date:	11/9/2009						
Date Completed:	11/11/2009	TD:	1282'				
Driller:	Louis Heck						
Casing Record	Conductor	Surface	Production				
Hole Size	17 1/2"	11 1/4"	6 3/4"				
Casing Size	13 3/8"	8 5/8"					
Weight							
Setting Depth							
Cement Type							
Sacks							
Note:							

11/9/09 - 7 hrs RT - setting 44' 6" of 13 3/8" conductor using 17 1/2" rented button bit
 11/10/09 - 9 hrs RT - setting 236' of 8 5/8" surface pipe using 11 1/4" surface bit
 11/11/09 - drilled from 236' - 1282' using 6 3/4" hammer

09LK-111109-R2-024-Haley A3-18-CWLLC

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	419	426	shale	855	860	shale
2	47	lime	426	427	blk shale	860	900	shale
47	148	shale	427	510	lime	900	905	sand
148	252	lime	510	635	shale	905	923	shale
252	262	sand	530		added water	923	928	coal
262	284	shale	635	646	lime	928	940	shale
284	286	coal	646	688	shale	940	945	lime
286	302	sandy shale	688	692	sand	945	970	shale
302	304	coal	692	712	shale	970	971	coal
304	322	shale	712	727	sandy shale	971	982	sand
322	333	lime	727	758	sand	982	983	coal
333	363	shale	758	759	coal	983	1023	shale
363	370	sand	759	788	lime	1023	1098	sand
370	398	lime	788	815	shale	1098	1119	shale
398	402	shale	815	852	lime	1119	1227	sand
402	419	lime	852	855	blk shale			odor

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KCC WICHITA



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 23782

LOCATION Eureka

FOREMAN Steve Mead

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
11-10-09	2890	Haley MSA A3-18				Wilson	
CUSTOMER Domestic Energy Partners			TRUCK #	DRIVER	TRUCK #	DRIVER	
MAILING ADDRESS 4916 Camp Bowie			485	Alan			
CITY Fort Worth			515	Chris			
STATE TX							
ZIP CODE 76107							
JOB TYPE	Surface	HOLE SIZE	180' / 2460'	HOLE DEPTH	240'	CASING SIZE & WEIGHT	8 3/4" 20"
CASING DEPTH	236'	DRILL PIPE		TUBING		OTHER	
SLURRY WEIGHT	14"	SLURRY VOL		WATER gal/sk		CEMENT LEFT in CASING	20'
DISPLACEMENT	14 bbls	DISPLACEMENT PSI		MDX PSI		RATE	

REMARKS: Safety Meeting: Rig up to 8 3/4 casing. Break circulation w/ 20 bbls Fresh water. Mix 7 bbls Dye Water. Mix 110 sks Class A Cement with 3% Caclz, 2% Gel & 1/4 Flocculants AT 11". Displace with 14 bbls Fresh water. Shut well in. Good cement returns to surface. 4 bbls slurry top. Job complete Rig down

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	680.00	680.00
5406	40	MILEAGE	3.45	138.00
11043	110 sks	Class A Cement	12.70	1397.00
1102	310"	Caclz 3%	.71	220.10
1118A	200"	Gel 2%	.16	32.00
1107	30"	Flocculants 1/4" PolySK	1.97	59.10
5407	1 5.12 Tons	Ten Mileage Bulk Truck	MIC	296.00
			Sub Total	2822.20
			SALES TAX 6.3%	107.63
			ESTIMATED TOTAL	2929.83

Form 8737

831900

AUTHORIZATION Witness by Jeff Morris

TITLE Co. Rep

DATE RECEIVED

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KCC WICHITA



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 23771
LOCATION FURKIA
FOREMAN Greg Ledford

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8576

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-9-09		Halley ASP A3-18				Wilson
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Domestic Energy Partners			520	Cliff		
MAILING ADDRESS			479	John		
4916 Camp Bowie						
CITY	STATE	ZIP CODE				
Ford Worth	Tx	76102				

JOB TYPE 5 1/2" case HOLE SIZE 17 1/2" HOLE DEPTH 42' CASING SIZE & WEIGHT 13 3/4"
 CASING DEPTH 45' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15" SLURRY VOL _____ WATER gal/blk 6.5 CEMENT LEFT IN CASING 5'
 DISPLACEMENT 5 3/4 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting- Rig up to 13 3/4 casing. Break circulation w/ 10
bbl fresh water. Mixed w/ 225 class "A" cement w/ 225 case & 225
gal @ 15" / min. Displace w/ 5 3/4 bbl fresh water. Shut casing in w/
good cement returns to surface. Job complete. Rig down.

Thank You

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
		PUMP CHARGE	680.00	680.00
54015	1	MILEAGE	3.45	138.00
5416	40			
11045	60 sacks	class "A" cement	12.20	762.00
1102	110"	225 case	.21	28.10
1118A	110"	225 gal	.16	17.60
5402		600 mileage back tax	n/c	291.00
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			KCC WIG-HITA	
			6.32	
			subtotal	1971.70
			SALES TAX	54.04
			ESTIMATED TOTAL	2025.74

Rev'n 3737

AUTHORIZATION Juanis 11/9/09 TITLE 231896 DATE _____



CONSOLIDATED
Oil Well Services, L.L.C.

ENTERED

TICKET NUMBER 23789
LOCATION EvreKA
FOREMAN Russell McLoey

PO Box 884, Chanute, KS 66720
620-431-8210 or 800-487-8878

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-12-09	2890	Haley A31-18				Wilson
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Domestic Energy Partners			445	Justin		
MAILING ADDRESS			515	Chris		
4916 Camp Bowie						
CITY	STATE	ZIP CODE				
Forth Worth	TX	76107				

JOB TYPE hangstring HOLE SIZE 6 3/8 HOLE DEPTH 1280 CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 1220 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 0
 DISPLACEMENT 19.7 DISPLACEMENT PSI 700 MTK PSI 1200 Bump Plug RATE _____

REMARKS: Safety meeting Rig up to 4 1/2 casing wash down to 1255 solid T.D.
Mix 6 sks gel flush, 15 bbl water, 10 bbl dye water, mix 155 sks
Thick set cement w/ 5" Kolcol at 13.4" w/ yield 1.69 wash out bump + hinge
shut down, Release 4 1/2 top Rubber Plug Dis Place w/ 19.7 Bbls water. Final
Pump PSE 700" Bump Plug to 1200 PSE. Check float float held. Good cement
Returns to surface = 6 bbl slurry close casing in 0 PSE. Job complete
Tear down. Thank you Russell McLoey
RTD 1280 by Kephart, Roger T.D. 1256 PIPE Tally solid T.B 1255
has down 1 joint cement at 1220 for floor connection.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	870.00	870.00
5406	40	MILEAGE	3.45	138.00
1126 A	155 sks	Thickset cement	16.00	2480.00
1110 A	775 "	Kolcol 5" P-15K	.39	302.25
1118 A	300 "	gel flush	.16	48.00
5407	8.53 Tons	Tan Milme Bulk Truck	m/c	296.00
4404	1	4 1/2 Top Rubber Plug	43.00	43.00
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KCC WICHITA				
				4177.25
SALES TAX				181.01
ESTIMATED TOTAL				4,358.26

Rev 3737

AUTHORIZATION Greg Brunner

031906

TITLE _____

DATE 11-12-09