CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

7/03/11

OPERATOR: License # 33539
Name: Cherokee Wells, LLC
Address 1: P.O. Box 296
Address 2:
City: Fredonia State: KS Zip: 66736 + ____
Contact Person: Emily Lybarger
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.:

6/1/09 (Spud Date or Recompletion Date) | 6/8/09 (Date Reached TD) | ____ (Completion Date or Recompletion Date)

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API No. 15 - 205-27707-0000
Spot Description:
SW - SE - ____ - ____ Sec. 25 Twp. 29 S. R. 13 ☑ East ☐ West
660 Feet from ☐ North / ☑ South Line of Section
1980 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
County: Wilson
Lease Name: Spohn Well #: A-4
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Unknown
Elevation: Ground: 962' est. Kelly Bushing: N/A
Total Depth: 1480' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at: 40' 2" Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: ____ Feet
If Alternate II completion, cement circulated from: surface
feet depth to: bottom casing w/ 160 sx cmt.

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 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: 7/8/09

Subscribed and sworn to before me this 8 day of July
20 09.
Notary Public: Emily Lybarger
Date Commission Expires: 2/21/2012

EMILY S. LYBARGER
NOTARY PUBLIC
My Appt. Exp. 2/21/2012
STATE OF KANSAS

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

Side Two

Operator Name: Cherokee Wells, LLC Lease Name: Spohn Well #: A-4

Sec. 25 Twp. 29 S. R. 13 ☑ 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, Dual Induction Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Drillers 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 1/4"	8 5/8"	24#	40' 2"	Portland	8	
Longstring	6 3/4"	4 1/2"	10.5#	1470'	Thickset	160	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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: ☐ Yes ☐ No

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

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: _____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

4230 Douglas Road Thayer, KS 66776
Contractor License # 33072
620-839-5581/ Office; 620-432-6170/Jeff Kephart Cell; 620-839-5582/FAX

Rig #:	3	Lic # 33539	
API #:	15-205-27707-0000		
Operator:	Cherokee Wells, LLC		
	4916 Camp Bowie Blvd		
	Fort Worth, TX 76107		
Well #:	A-4	Lease Name:	Spohn
Location:	660	FSL	Line
	1980	FWL	Line
Spud Date:	6/1/2009		
Date Completed:	6/8/2009	TD:	1480'
Driller:	Louis Heck		

Casing Record	Surface	Production
Hole Size	12 1/4"	6 3/4"
Casing Size	8 5/8"	
Weight	24#	
Setting Depth	40' 2"	
Cement Type	Portland	
Sacks	8	
Feet of Casing		

S25	T29S	R13E
Location:		SW.SE
County:		Wilson

Gas Tests

Depth	Inches	Orfice	flow - MCF
505		No Flow	
755		No Flow	
1005		Trace	
1030	Gas Check Same		
1105	1	3/8"	3.56
1155	9	3/8"	10.7
1255	2	3/8"	5.05
1380	Gas Check Same		
1395	8	3/8"	10.1
1430	11	3/8"	11.9

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09LF-060809-R3-018-Spohn A-4-CWLLC-CW-246

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	overburden	704	723	lime	949	953	sandy shale
1	23	clay	723	726	shale	953	996	shale
23	334	shale	726	738	lime	996	998	lime
334	340	lime	738	740	shale	998	999	coal
340	373	shale	740	742	blk shale	999	1000	shale
373	395	lime	742	802	lime	1000	1022	lime
395	485	shale	802	845	shale	1022	1025	blk shale
485	486	lime	845	860	lime	1025	1057	shale
486	487	shale	860	881	shale	1057	1075	lime
487	500	sand	881	882	lime	1075	1077	shale
500	501	coal	882	883	shale	1077	1082	blk shale
501	503	sand	883	893	lime	1082	1090	lime
503	510	sandy shale	893	895	shale	1090	1092	blk shale
510	525	lime	895	909	sand	1092	1093	coal
525	539	shale	909	935	shale	1093	1097	lime
539	660	lime	935	940	laminated sand	1097	1115	sandy shale
660	690	sand	940	944	shale	1115	1144	shale
690	695	sandy shale	944	945	sand	1144	1161	shale
695	704	shale	945	949	laminated sand	1161	1163	blk shale

Operator: Cherokee Wells LLC			Lease Name:		Spohn	Well #	A-4	page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
1163	1235	shale						
1235	1236	coal						
1236	1250	sandy shale						
1250	1268	sand						
1268	1285	shale						
1285	1286	coal						
1286	1315	shale						
1315	1323	Red shale						
1323	1373	shale						
1373	1375	coal						
1375	1393	sand						
1393	1395	coal						
1395	1413	shale						
1413	1423	chat						
		oil odor						
1423	1480	lime						
1480		Total Depth						

Notes:

09LF-060809-R3-018-Spohn A-4-CWLLC-CW-246

CONSOLIDATED Oil Well Services, LLC

ENTERED

TICKET NUMBER 21206
LOCATION Eureka
FOREMAN Rick Ledford

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
6-9-09	8890	Spaba A-4				Wilson

CUSTOMER: Domestic Energy Partners
MAILING ADDRESS: 4916 Camp Bowie
CITY: Fort Worth | STATE: Tx | ZIP CODE: 76107

Co. Tools

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Shannon		
543	Dave		

JOB TYPE Longstring | HOLE SIZE 6 3/4" | HOLE DEPTH 1480' | CASING SIZE & WEIGHT 4 1/2" 10.5#
CASING DEPTH 1470' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT 13.4# | SLURRY VOL 48 Bbl | WATER gal/sk 8.0 | CEMENT LEFT in CASING 0'
DISPLACEMENT 23.4 Bbl | DISPLACEMENT PSI 300 | PSI 1200 | RATE

REMARKS: Safety meeting - Rig up to 4 1/2" casing w/ washhead. Break circulation w/ 35 Bbl fresh water. Washdown 5' to PBTD. Pump 6 sks gel-flush, 20 Bbl water spacer, 14 Bbl dye water. Mixed 160 sks thickset cement w/ 5# Kol-seal 8# /sk @ 13.4# /gal yield 1.69. Washout pump & lines, shut down, release plug. Displace w/ 23.4 Bbl fresh water. Final pump pressure 800 PSI. Bump plug to 1200 PSI. wait 2 minutes release pressure, float held. Good cement returns to surface = 7 Bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANITY 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
1126A	160 sks	thickset cement	16.00	2560.00
1110A	800#	5# Kol-seal 8# /sk	.39	312.00
1118A	300#	gel-flush	.16	48.00
5407	8.8	ton-mileage bulk trk	n/c	296.00
4404	1	4 1/2" top rubber plug	43.00	43.00
			subtotal	4267.00
		6.3%	SALES TAX	186.67
			ESTIMATED TOTAL	4453.67

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AUTHORIZTION Greg Brenneman | TITLE 230010 | DATE 6/9/09