

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED ORIGINAL

AUG 23 2010

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

8/19/12

OPERATOR: License # 33074
Name: Dart Cherokee Basin Operating Co LLC
Address 1: P O Box 177
Address 2: _____
City: Mason State: MI Zip: 48854 + 0177
Contact Person: Beth Oswald
Phone: (517) 244-8716
CONTRACTOR: License # 5675
Name: McPherson Drilling
Wellsite Geologist: Bill Barks
Purchaser: Oneok

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
7-13-10 7-15-10 8-6-10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31994-00-00
Spot Description: _____
NE SE SW Sec. 1 Twp. 33 S. R. 14 East West
1,309 Feet from North / South Line of Section
2,760 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Montgomery
Lease Name: P&K Patterson Well #: C2-1D
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 1006' Kelly Bushing: _____
Total Depth: 1705' Plug Back Total Depth: 1699'
Amount of Surface Pipe Set and Cemented at: 41 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1699
feet depth to: 0 w/ 110 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: NA ppm Fluid volume: 230 bbls
Dewatering method used: emptied w/ vac trk
Location of fluid disposal if hauled offsite:
Operator Name: Dart Cherokee Basin Operating Co LLC
Lease Name: W&C Farlow A4-9 SWD License #: 33074
Quarter NE Sec. 9 Twp. 33 S. R. 14 East West
County: Montgomery Permit #: D-30048

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Beth Oswald
Title: Engr Support Supvr Date: 8-19-10

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 8/19/10 - 8/19/12
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dg Date: 8/26/10

Operator Name: Dart Cherokee Basin Operating Co LLC Lease Name: P&K Patterson Well #: C2-1D
 Sec. 1 Twp. 33 S. R. 14 East West County: Montgomery

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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: High Resolution Compensated Density Neutron & Dual Induction	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center;"> KCC AUG 19 2010 CONFIDENTIAL </div> <div style="text-align: right;"> RECEIVED AUG 23 2010 KCC WICHITA </div>
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CASING RECORD <input 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
Surf	11"	8 5/8"	24#	41'	Class A	8	
Prod	6 3/4"	4 1/2"	10.5#	1699'	Thick Set	185	See Attached

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 <i>(Amount and Kind of Material Used)</i>	Depth
6	1616' - 1618.5'	425 gal 15% HCl, 25 balls, 2000# sd & 380 BBL fl	
6	1261' - 1264.5' / 1231.5' - 1234.5'	530 gal 15% HCl, 61 balls, 6700# sd, 250 BBL fl	

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>1685'</u>	Packer At: <u>NA</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>8-10-10</u>		Producing Method: <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. <u>0</u>	Gas Mcf <u>3</u>	Water Bbls. <u>13</u>	Gas-Oil Ratio
				Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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McPherson Drilling LLC Drillers Log

Rig Number: 1	S. 1	T. 33	R. 13E
API No. 15- 125-31994	County: MG		
Elev. 1006	Location:		

Operator: DART CHEROKEE BASIN OPERATING CO LLC
Address: 211 W MYRTLE INDEPENDENCE, KS 67301
Well No: C2-10D Lease P & K Patterson
Footage Location: 1304 ft. from the SOUTH Line 2760 ft. from the EAST Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 7/13/2010 Geologist:
Date Completed: 7/15/2010 Total Depth: 1705

Gas Tests:

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Comments:
Start injecting @

Casing Record			Rig Time:	
	Surface	Production	1.00	HRS. GAS TEST
Size Hole:	11"	6 3/4"	2 day	DAY BOOSTER
Size Casing:	8 5/8"			
Weight:	23 #			
Setting Depth:	41	MCPHERSON	GEOLOGIST:	
Type Cement:	Portland		DRILLER:	Andy Coats
Sacks:	8	MCPHERSON		

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	2	shale	1130	1135	shale	1615	1629	
sand	2	9	sand lime	1135	1141	Mississippi	1629	1705	
lime	9	10	shale	1141	1197			TD	
shale	10	148	oswego lime	1197	1227				
sand shale(wet)	148	154	summit	1227	1234				
shale	154	227	oswego lime	1234	1254				
lime	227	235	mulky	1254	1263				
sand shale	235	309	oswego lime	1263	1270				
shale	309	392	shale	1270	1282				
lime	392	399	coal	1282	1283				
shale	399	581	shale	1283	1296				
sandy shale	581	604	black shale	1296	1298				
lime	604	621	shale	1298	1304				
sand shale	621	685	sand	1304	1334				
lime	685	705	black shale	1334	1336				
shale	705	848	sand shale	1336	1349				
coal	848	850	coal	1349	1350				
shale	850	952	shale	1350	1407				
lime	952	967	sand shale	1407	1485				
shale	967	1003	sand	1485	1491				
sand(odor)	1003	1035	sand shale	1491	1520				
sand shale	1035	1108	shale	1520	1570				
pink lime	1108	1126	black shale	1570	1613				
coal	1126	1130	coal	1613	1615				

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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER **28927**

LOCATION **EUREKA**

FOREMAN **Rick Lohard**

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																				
7-16-10	2368	P+K Patterson C2-1D	1	33	13E	MO																				
CUSTOMER Dart Cherokee Basin			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>520</td> <td>Cliff</td> <td></td> <td></td> </tr> <tr> <td>515</td> <td>Allen B.</td> <td></td> <td></td> </tr> <tr> <td>479</td> <td>John</td> <td></td> <td></td> </tr> <tr> <td>452/T63</td> <td>Ed</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	520	Cliff			515	Allen B.			479	John			452/T63	Ed		
TRUCK #	DRIVER	TRUCK #					DRIVER																			
520	Cliff																									
515	Allen B.																									
479	John																									
452/T63	Ed																									
MAILING ADDRESS 211 W. Myrtle																										
CITY Independence	STATE KS	ZIP CODE 67301																								
C+L Well Service																										
JOB TYPE lossstring G			HOLE SIZE 6 3/4"	HOLE DEPTH 1705'	CASING SIZE & WEIGHT 4 1/2" 10.5"																					
CASING DEPTH 1699'		DRILL PIPE	TUBING	OTHER																						
SLURRY WEIGHT 12.8-13.2"		SLURRY VOL	WATER gal/sk 70.90	CEMENT LEFT in CASING 0																						
DISPLACEMENT 27 Bbl		DISPLACEMENT PSI 200	MAX PSI 1100	RATE																						

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 35 Bbl fresh water. Pump 15 sec gel-flush w/ hulls. Circulated gel to surface. Mixed 110 sec 60/40 Permox cement w/ 8% gel + 3/4" phenoseal^{PM} @ 12.8" PM/AL. Tail in w/ 25 sec thickset cement w/ 8" Kol-seal^{PM} @ 13.2" PM/AL. Washout pump + lines, shut down release plug. Displace w/ 27 Bbl fresh water. Final pump pressure 200 PSI. Bump plug to 1100 PSI. wait 2 minutes. release pressure float held (good cement returns to surface = 20 Bbl slurry to pit. Job complete. Rig down.

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Thank You

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	3.65	146.00
1131	110 SK'S	60/40 Permox cement	11.35	1248.50
1118A	760"	8% gel	.20	152.00
1107A	80"	3/4" phenoseal ^{PM} @ 12.8"	1.15	92.00
1126A	75 SK'S	thickset cement	17.00	1275.00
1110A	6000"	8" Kol-seal ^{PM} @ 13.2"	.42	252.00
1118A	750"	gel-flush	.20	150.00
1105	50"	hulls	.39	19.50
5407A	8.76	ton mileage bulk tire	1.20	425.28
5501C	4 hrs	water transport	112.00	448.00
1123	6000 gals	city water	14.90/1000	89.40
4404	1	4 1/2" top rubber plug	45.00	45.00
			Subtotal	5267.68
			SALES TAX	
			ESTIMATED TOTAL	

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Revin 3737

AUTHORIZATION *Willie Banks* TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



600 Dart Rd. • P.O. Box 177
Mason, MI 48854
Phone: (517) 676-2900
Fax: (517) 676-5887

211 W. Myrtle
Independence, KS 67301
Phone: (620) 331-7870
Fax: (620) 331-7948

August 19, 2010

Mr. Steve Bond
Kansas Corporation Commission
Oil & Gas Conservation Division
130 S Market Rm 2078
Wichita KS 67202

Re: P&K Patterson C2-1D
15-125-31994-00-00
NE SE SW Sec 1 T33S-R14E, Montgomery

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Dear Mr. Bond:

Dart Cherokee Basin Operating Co., LLC would like to request confidentiality status pursuant to KCC rule 82-3-107 for the above mentioned well. Please grant us confidentiality for two years or the maximum time allowed.

If you have any questions, please contact me at 517-244-8716.

Sincerely,

Beth Oswald,
Engr Support Supvr

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