

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

KCC
9/24/10

9/24/10

Operator: License # 33074
Name: Dart Cherokee Basin Operating Co., LLC
Address: P O Box 177
City/State/Zip: Mason MI 48854-0177
Purchaser: Oneok
Operator Contact Person: Beth Oswald
Phone: (517) 244-8716
Contractor: Name: McPherson
License: 5675
Wellsite Geologist: Bill Barks
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW **CONFIDENTIAL**
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows: **SEP 24 2008**
Operator: KCC
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. _____
6-2-08 6-4-08 6-24-08
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-31597-00-00
County: Montgomery
C NW NE Sec. 15 Twp. 33 S. R. 14 East West
4620' FSL feet from S / N (circle one) Line of Section
1980' FEL feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE **(SE)** NW SW
Lease Name: D&D Armitage Well #: A3-15
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 874' Kelly Bushing: _____
Total Depth: 1555' Plug Back Total Depth: 1550'
Amount of Surface Pipe Set and Cemented at 45 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan **Alt II NH 12-10-08**
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 410 bbls
Dewatering method used Empty w/ vac trk and air dry
Location of fluid disposal if hauled offsite: _____
Operator Name: Dart Cherokee Basin Operating Co., LLC
Lease Name: Reitz B4-35 SWD License No.: 33074
Quarter NE Sec. 35 Twp. 34 S. R. 14 East West
County: Montgomery Docket No.: D-28391

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: [Signature]
Title: Engr Clerk Date: 9-24-08
Subscribed and sworn to before me this 24 day of September
20 08

Notary Public: Brandy R. Allcock
Date Commission Expires: 3-5-2011
Acting in-England
BRANDY R. ALLCOCK
Notary Public - Michigan
Jackson County
My Commission Expires
March 05, 2011

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
SEP 29 2008

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: D&D Armitage Well #: A3-15
 Sec. 15 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 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 & Dual Induction	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center;"> KCC SEP 24 2008 CONFIDENTIAL </div>
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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
Surf	11"	8 5/8"	24#	45'	Class A	8	
Prod	6 3/4"	4 1/2"	9.5#	1549'	Thick Set	160	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	1120.5' - 1121.5'	150 gal 15% HCl, 1705# sd, 85 BBL fl	
6	1036' - 1038'	150 gal 15% HCl, 4025# sd, 135 BBL fl	
6	612.5' - 614.5'	150 gal 15% HCl, 4020# sd, 135 BBL fl	

TUBING RECORD	Size 2 3/8"	Set At 1223'	Packer At NA	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr. 6-27-08		Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>		
Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf 37	Water Bbls. 40	Gas-Oil Ratio NA
				Gravity NA

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

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KANSAS CORPORATION COMMISSION

SEP 29 2008
 CONSERVATION DIVISION
 WICHITA, KS

Rig Number: 2	S. 15	T. 33	R. 14E
API No. 15- 125-31597	County: MG		
Elev. 874	Location: C NW NE		

Operator: Dart Cherokee Basin Operating Co. LLC
Address: 211 W Myrtle Independence, KS 67301
Well No: A3-15 Lease Name: D & D ARMITAGE
Footage Location: 4620 ft. from the South Line 1980 ft. from the East Line
Drilling Contractor: McPherson Drilling LLC
Spud date: .06/02/2008 Geologist:
Date Completed: .06/04/2008 Total Depth: 1555

Gas Tests:
KCC SEP 24 2008 CONFIDENTIAL
Comments:
Start injecting @ 361

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	45	McPherson		
Type Cement:	Portland		Driller:	NICK HILYARD
Sacks:	8	McPherson		

Well Log

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil	0	5	shale	1053	1076			
clay	6	11	coal	1076	1077			
wet sand	11	24	shale	1077	1119			
shale	24	82	coal	1119	1120			
lime	82	112	shale	1120	1404			
shale	112	324	Mississippi	1404	1555			
black shale	324	325						
shale	326	498						
lime	498	508						
black shale	508	513						
shale	513	653						
lime	653	675						
shale	675	720						
lime	720	757						
shale	757	862						
pink lime	862	885						
shale	885	966						
oswego	966	995						
summit	995	1008						
lime	1008	1027						
mulky	1027	1035						
lime	1035	1045						
shale	1045	1052						
coal	1052	1053						

Note: Oil around 500 ft.

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KANSAS CORPORATION COMMISSION

SEP 29 2008

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

TICKET NUMBER **14152**
 LOCATION Eureka
 FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-4-08	2368	Armitage Dr. A3-15				MG
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Dart Cherokee Basin			520	Cliff		KCC
MAILING ADDRESS			502	Phillip		SEP 4 2008
211 W. Myrtle			CONFIDENTIAL			
CITY	STATE	ZIP CODE				
Independence	Ks	67301				

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 155.8' CASING SIZE & WEIGHT 4 1/2" 9.5"
 CASING DEPTH 154.9' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL. 49 Bbl WATER gal/sk 8" CEMENT LEFT in CASING 0'
 DISPLACEMENT 25 Bbl DISPLACEMENT PSI 600 MIX PSI 1100 RATE _____

REMARKS: Safety Meeting. Rig up to 4 1/2" casing. Break circulation w/ 30 Bbl water.
Pump 6sk Gel Flush w/ Hulls, 5 Bbl water spacer, 10 Bbl soap, 15 Bbl Dye.
Mixed 160 sks Thick Set Cement w/ 8" Kol-Seal @ 13.2" / gal. Wash out Pump
+ lines. Release Plug. Displace w/ 25 Bbl water. Final Pumping Pressure 600 PSI
Bump Plug to 1100 PSI. Wait 5 mins. Release Pressure. Float Held.
Good Cement to surface = 7 Bbl Slurry to Pit.
Job Complete

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
1176A	160 sks	Thick Set Cement	17.00	2720.00
1110A	1280 #	Kol-Seal 8" / sk	.42	537.60
1118A	300 #	Gel-Flush	.17	51.00
1105	50 #	Hulls	.39	19.50
5407	8.8 Ton	Ton-mileage	mk	315.00
4404	1	4 1/2" Top Rubber Ply	45.00	45.00
1113	1 gal	Soap	38.50	38.50
1110	2 gal	Biocide	29.00	58.00
RECEIVED KANSAS CORPORATION COMMISSION SEP 29 2008 CONSERVATION DIVISION WICHITA, KS				
		Thank You!	Sub Total	4855.60
			5.3%	SALES TAX 178.77
				ESTIMATED TOTAL 5034.37

AUTHORIZATION _____ TITLE _____ DATE _____