

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

10/29/10

CONFIDENTIAL

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
 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. _____

7-17-08	7-22-08	8-8-08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31716-00-00
County: Montgomery
SE SE SE Sec. 21 Twp. 31 S. R. 14 East West
645' FSL _____ feet from S / N (circle one) Line of Section
510' 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: Springer Farms Well #: D4-21
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 870' Kelly Bushing: _____
Total Depth: 1550' Plug Back Total Depth: 1536'
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 _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AH INH-709
(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: [Signature]
Title: Engr clerk Date: 10-28-08
Subscribed and sworn to before me this 28 day of October
20 08
Notary Public: Brandy R. Allcock
Date Commission Expires: 3-5-2011
acting in engram

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 31 2008
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Springer Farms Well #: D4-21
 Sec. 21 Twp. 31 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 OCT 28 2008 CONFIDENTIAL </div> <div style="text-align: right;"> RECEIVED KANSAS CORPORATION COMMISSION OCT 31 2008 CONSERVATION DIVISION WICHITA, KS </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#	41'	Class A	8	
Prod	6 3/4"	4 1/2"	10.5#	1544'	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 (Amount and Kind of Material Used)	Depth
6	1353' - 1355'	100 gal 15% HCl, 3060# sd, 110 BBL fl	
6	1042' - 1044'	100 gal 15% HCl, 4015# sd, 120 BBL fl	
6	906.5' - 907.5' / 906' - 907'	100 gal 15% HCl, 1710# sd, 75 BBL fl	
6	688.5' - 691'	150 gal 15% HCl, 5010# sd, 150 BBL fl	

TUBING RECORD	Size 2 3/8"	Set At 1472'	Packer At NA	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Date of First, Resumed Production, SWD or Enhr. 8-14-08	Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>
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Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf 0	Water Bbls. 31	Gas-Oil Ratio NA	Gravity NA
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

(If vented, Sumit ACO-18.)

Rig Number: 2	S. 21 T. 31 R. 14E
API No.: 15- 125-31716	County: MG
Elev. 870	Location: SE SE SE

Operator: Dart Cherokee Basin Operating Co. LLC
Address: 211 W Myrtle Independence, KS 67301
Well No: D4-21 Lease Name: SPRINGER FARMS
Footage Location: 645 ft. from the SOUTH Line 510 ft. from the EAST Line
Drilling Contractor: McPherson Drilling LLC
Spud date: .07/17/2008 Geologist:
Date Completed: .07/21/2008 Total Depth: 1550

Gas Tests:
<p>KCC OCT 26 2008 CONFIDENTIAL</p>
Comments:
Start injecting @ 311

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	41'	McPherson		
Type Cement:	Portland		DRILLER:	NICK HILYARD
Sacks:	8	McPherson		

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	4	shale	1021	1043				
clay	4	12	coal	1043	1044				
lime	12	93	shale	1044	1064				
shale	93	290	coal	1064	1065				
lime	290	355	shale	1065	1109				
shale	355	388	coal	1109	1110				
lime	388	525	shale	1110	1303				
shale	525	597	coal	1303	1304				
lime	597	656	shale	1304	1398				
shale	656	704	Mississippi	1398	1550				
black shale	704	705							
shale	705	761							
lime	761	785							
shale	785	875							
coal	875	876							
shale	876	879							
pink lime	879	895							
black shale	895	897							
shale	897	961							
oswego	961	984							
summit	984	994							
lime	994	1005							
mulky	1005	1011							
lime	1011	1021							

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OCT 31 2008
 CONSERVATION DIVISION
 WICHITA, KS



ENTERED

TICKET NUMBER 18830
 LOCATION Europe
 FOREMAN Troy Strickler

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																
7-22-08	2368	Springer Farms D4-21				MG																
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>479</td> <td>John</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	520	Cliff			479	John						
TRUCK #	DRIVER	TRUCK #					DRIVER															
520	Cliff																					
479	John																					
MAILING ADDRESS 211 W. Myrtle																						
CITY Independence	STATE KS	ZIP CODE 67301																				

Gas
Jones

OCT 26 2008
 CONFIDENTIAL

JOB TYPE Logstring HOLE SIZE 6 3/4' HOLE DEPTH 1550' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1544' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL 49.281 WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 24.581 DISPLACEMENT PSI 600 MIX PSI 1100 Byp Ply RATE _____

REMARKS: Safety Meeting. Rig up to 4 1/2" casing. Break circulation w/ 500bl water. Wash down 20' casing. Pump 500bl water ahead. Pump 100lb Gel - Flush w/ 100bl water spacer. Mixed 160sk Thick Set Cement w/ 8" Kol-Seal @ 13.2 #/gal. work out pump + lines. Release Plug. Displace w/ 24.841 water. Final Pumping Pressure. 600 PSI. Bump Ply to 1100 PSI. wait 5 min. Release Pressure. Float Held. Good Cement to surface = 100bl stay 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
1126A	160sk	Thick set Cement	17.00	2720.00
1110A	1280	8" Kol-Seal	.42	537.60
1118A	500#	Gel - Flush	.17	85.00
1105	75#	Hulls	.39	29.25
5407	8 th Ton	Ton - mileage	m/c	515.00
4404	1	4 1/2" Top Rubber Ply	45.00	45.00
		<u>Thanking</u>		
			5.3%	
			Sub M/V	4802.85
			SALES TAX	181.10
			ESTIMATED TOTAL	4983.95

Ravin 3737

AUTHORIZATION [Signature]

TITLE 803890

DATE _____