

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

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

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

<u>4-14-04</u>	<u>4-16-04</u>	<u>4-23-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30483-00-00
County: Montgomery
____ NW SE Sec. 13 Twp. 31 S. R. 14 East West
1980' 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: Springer Well #: C3-13
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 951' Kelly Bushing: _____
Total Depth: 1463' Plug Back Total Depth: 1458'
Amount of Surface Pipe Set and Cemented at 22' 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 #2 KGR 6/01/07
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 136 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: Orr A1-28 License No.: 33074
Quarter NW Sec. 28 Twp. 30 S. R. 15 East West
County: Montgomery Docket No.: D-28282

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: Beth Oswald
Title: Admn Engr Asst Date: 6-22-04
Subscribed and sworn to before me this 22nd day of June,
2004

Notary Public: Karen L. Welton
Date Commission Expires: _____

KAREN L. WELTON
Notary Public - Michigan
Ingham County
My Commission Expires Mar 3, 2007
Acting in the County of Ingham

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

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Springer Well #: C3-13
 Sec. 13 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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p>High Resolution Compensated Density Neutron & Dual Induction</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Log</td> <td style="width: 40%;">Formation (Top), Depth and Datum</td> <td style="width: 30%; text-align: right;"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td colspan="3" style="text-align: center;">See Attached</td> </tr> </table>	Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	See Attached		
Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample								
Name	Top	Datum								
See Attached										

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"		22'	Class A	5	
Prod	6 3/4"	4 1/2"	10.5#	1458'	50/50 Poz	190	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
4	RECEIVED 1375'-1376'	300 gal 10% HCl, 1700# sd, 205 BBL fl	
4	JUN 28 2004 1207.5'-1209.5'	300 gal 10% HCl, 2170# sd, 210 BBL fl	
4	KCC WICHITA 1141'-1143'	300 gal 10% HCl, 1710# sd, 190 BBL fl	
4	KCC WICHITA 1075'-1077.5'	300 gal 10% HCl, 3810# sd, 305 BBL fl	
4	KCC WICHITA 1040'-1043'	300 gal 10% HCl, 6020# sd, 375 BBL fl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1426'	NA	Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method			
5-6-04	Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	3	40	NA	NA

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18.) Other (Specify) _____

McPherson Drilling LLC Drillers Log

Rig Number: 2	S. 13	T. 31	R. 14
API No. 15- 125-30483	County: MG		
Elev. 951'	Location:		

Operator: Dart Cherokee Basin Operating Co. LLC			
Address: 3541 CR 5400 Independence, KS. 67301			
Well No: C3-13	Lease Name:	Springer	
Footage Location:	1980 ft. from the	South	Line
	1980 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date: 4/14/2004	Geologist:		
Date Completed: 4/16/2004	Total Depth: 1463'		

Casing Record			Rig Time:
Size Hole:	Surface 11"	Production 6 3/4"	Mike Holland - Driller
Size Casing:	8 5/8"	McPherson	
Weight:	20#		
Setting Depth:	22'		
Type Cement:	Portland	McPherson	
Sacks:	4		

Gas Tests:
Comments:
inject @ 321'

Well Log											
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil	0	4	Summit	1014	1024	shale	1377	1384			
lime	4	70	lime	1024	1036	lime Miss	1384	1463			
shale	70	189	Mulky	1036	1043						
lime	189	291	lime	1043	1050						
coal	291	292	shale	1050	1061						
shale	292	296	lime	1061	1066						
sand wet	296	390	shale	1066	1074						
sand/shale	390	417	coal	1074	1075						
lime	417	521	shale	1075	1094						
sand	521	603	coal	1094	1095						
lime	603	626	shale	1095	1134						
shale	626	653	coal	1134	1135						
lime	653	670	shale	1135	1141						
shale	670	718	coal	1141	1142						
lime	718	740	shale	1142	1194						
shale	740	763	coal	1194	1195						
lime	763	794	shale	1195	1206						
shale	794	897	coal	1206	1208						
coal	897	898	shale	1208	1228						
pink lime	898	924	sand	1228	1232						
shale	924	936	shale	1232	1335						
sand	936	970	coal	1335	1337						
shale	970	988	shale	1337	1375						
lime Osw	988	1014	coal	1375	1377						

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CONSOLIDATED
OIL WELL
SERVICES
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER 23766

LOCATION B'ville

FIELD TICKET

DATE 4-16-04	CUSTOMER ACCT # 2368	WELL NAME Springer B-C3-13	QTR/QTR	SECTION 13	TWP 31	RGE 14	COUNTY MG	FORMATION
CHARGE TO DART				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1 1458'	PUMP CHARGE LONGSTRIN 6		525.00
1110	20 SX	GILSONITE	*	388.00
1111	500 #	SACT	*	125.00
1118	5 SX	GEL	*	59.00
1107	3 SX	Flo seal	*	113.25
1105	3 SX	HULLS	*	38.85
1123	6300 GAL	CITY H2O	*	70.88
4404	1 GAL	1/2 Rubber plug	*	27.00
1238	1 GAL	SOAP		30.00
1205	116 GAL	B1-CIDE		33.75
5407	MIN	BLENDING & HANDLING TON-MILES		190.00
5501	4 HR	STAND BY TIME		
5502	4 HR	MILEAGE		
		WATER TRANSPORTS		320.00
		VACUUM TRUCKS		300.00
		FRAC SAND		
1124	190 SX	CEMENT 50/50	*	1254.00
			* SALES TAX	110.03
ESTIMATED TOTAL				3584.76

CUSTOMER or AGENTS SIGNATURE

William F. Bats

CIS FOREMAN

Jeff Graham

CUSTOMER or AGENT (PLEASE PRINT)

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DATE

189810

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 3115A
 LOCATION Bvulle
 FOREMAN [Signature]

TREATMENT REPORT

DATE 4-16-04	CUSTOMER # 2368	WELL NAME Springer SPC3-13	FORMATION
SECTION 13	TOWNSHIP 31	RANGE 14	COUNTY MG
CUSTOMER DART			
MAILING ADDRESS			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
419	Coop		
407	Donnie		
412	Marshall		
235	MARK		

WELL DATA	
HOLE SIZE 6 3/4	PACKER DEPTH
TOTAL DEPTH 1963	PERFORATIONS
	SHOTS/FT
CASING SIZE 4 1/2	OPEN HOLE
CASING DEPTH 1458	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

est. CIRC - ran 8 BBL Gell/hulls ahead of 10 BBL foamer following
~~INSTRUCTION PRICE TO JOB~~ by 10 BBL clean H₂O - pumped 190 SA DART mix
 w/hulls @ 13.5 PPG - shut down - washed out lines + pump -
 dropped plug - displaced to bottom + set shoe - shut in

AUTHORIZATION TO PROCEED _____ TITLE CIRC cont. to surface DATE _____

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
							DISPLACEMENT
							MIX PRESSURE
							MIN PRESSURE
							ISIP
							15 MIN.
							MAX RATE

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