

**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

ORIGINAL

Operator: License # 33074
 Name: Dart Cherokee Basin Operating Co., LLC
 Address: P O Box 177
 City/State/Zip: Mason MI 48854-0177
 Purchaser: Southern Star
 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 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>9/9/02</u>	<u>9/12/02</u>	<u>9/26/02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30156-00-00
 County: Montgomery
SE SW Sec. 21 Twp. 31 S. R. 15 East West
661' FSL feet from S / N (circle one) Line of Section
3296' 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: Fred Smith Well #: D2-21
 Field Name: Sycamore Creek
 Producing Formation: Penn Coals
 Elevation: Ground: 849' Kelly Bushing: _____
 Total Depth: 1204' Plug Back Total Depth: 1170'
 Amount of Surface Pipe Set and Cemented at 20' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1202
 feet depth to 0 w/ 100 sx cm.
Act II 3/17/02 w/m
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content NA ppm Fluid volume 140 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
 Lease Name: Lavelly 4C License No.: 33074
 Quarter NE Sec. 3 Twp. 31 S. R. 15 East West
 County: Montgomery Docket No.: D-23422

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: Engr Asst Date: 4-8-03
 Subscribed and sworn to before me this 8th day of April,
2003.
 Notary Public: Karen L. Welton
 Date Commission Expires: _____

Karen L. Welton
 Notary Public, Ingham County, MI
 My Comm. Expires Mar. 3, 2007

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: 04-23-03
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Fred Smith Well #: D2-21
 Sec. 21 Twp. 31 S. R. 15 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: Compensated Density Neutron	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum SEE ATTACHED RECEIVED KANSAS CORPORATION COMMISSION APR 10 2003 CONSERVATION DIVISION WICHITA, KS
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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"		20'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1194'	50/50 Poz	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
4	1029'-1033', 960'-962'	500 gal 15% ac, 5200# sd & 250 BBL fl	
4	896'-899'	250 gal 15% ac, 5250# sd & 260 BBL fl	
4	833'-835', 808'-814'	500 gal 15% ac, 10200# sd & 300 BBL fl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1063'	NA	Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
10/4/02	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	370	150	NA	NA

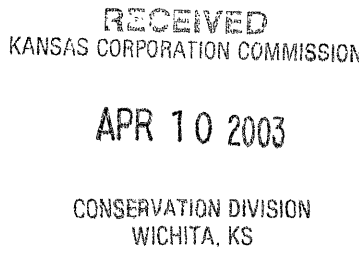
Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Rig: 3	
API No.	15- 125-30156-0000
Operator:	Dart Cherokee Basin Operating Co. LLC
Address:	P.O. Box 177 Mason, MI 48854-0177
Well No:	D2-21
Lease Name:	Fred Smith
Footage Location:	661 ft. from the South Line 3296 ft. from the East Line
Drilling Contractor:	McPherson Drilling LLC
Spud date:	9/9/02
Geologist:	Gary Laswell
Date Completed:	9/11/02
Total Depth:	1204'

S. 21 T. 31 S R. 15 E
Loc:
County: Montgomery

Gas Tests:  CONSERVATION DIVISION WICHITA, KS
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Casing Record		
	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:	32#	
Setting Depth:	20'	
Type Cement:	Portland	
Sacks:	4	

Rig Time:

Well Log

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	8	shale	602	643	sand	924	947
shale	8	77	coal	643	644	sand/shale	947	954
lime	77	79	shale	644	668	coal	954	956
shale	79	132	pink lime	668	684	shale	956	963
lime	132	137	shale	684	719	coal	963	964
coal	137	138	oil sand	719	728	shale/lime	964	1020
shale	138	144	sand/shale	728	730	coal	1020	1023
lime	144	150	oil sand	730	753	shale/sand	1023	1031
shale	150	190	sand/shale	753	757	coal	1031	1034
lime	190	219	1st Oswego	757	781	sand/shale	1034	1052
shale	219	241	Summit	781	786	sand	1052	1183 no
lime	241	302	2nd Oswego	786	808 odor	Mississippi	1183	1204 sho
sand/shale	302	312	Mulky	808	815			TD
sand	312	344 no	3rd Oswego	815	818			
sand/shale	344	351 sho	shale	818	835			
shale	351	357	coal	835	854			
lime	357	381	lime	854	856			
shale	381	483	shale	856	858			
lime	483	514	coal	858	859			
shale	514	526	sand	859	886 no sho			
lime	526	538	sand/shale	886	898			
shale	538	585	coal	898	901			
oil sand	585	602	shale	901	924			

RECEIVED
KANSAS CORPORATION COMMISSION

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

APR 10 2003

TICKET NUMBER 14528

LOCATION Chanute, Ks.

FOREMAN Jim Green

TREATMENT REPORT
CONSERVATION DIVISION
WICHITA, KS

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-12-02	2368	F. Smith D2-21 SESW		21	31	15	M6	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				
WELL DATA				TYPE OF TREATMENT				
HOLE SIZE				[] SURFACE PIPE				
TOTAL DEPTH				[] ACID BREAKDOWN				
CASING SIZE				[] PRODUCTION CASING				
CASING DEPTH				[] ACID STIMULATION				
CASING WEIGHT				[] SQUEEZE CEMENT				
CASING CONDITION				[] ACID SPOTTING				
TUBING SIZE				[] PLUG & ABANDON				
TUBING DEPTH				[] FRAC				
TUBING WEIGHT				[] PLUG BACK				
TUBING CONDITION				[] FRAC + NITROGEN				
PACKER DEPTH				[] MISC PUMP				
PERFORATIONS				[] OTHER				
SHOTS/FT				[] NITROGEN				
OPEN HOLE								
TREATMENT VIA								

9:30 AM

12:00 PM

6 3/4"

1202'

4 1/2"

1193.67 Tapered valve at 1170'

<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"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
SURFACE PIPE	THEORETICAL	INSTRUCTED
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Cement One Well

289 PA 16, 128 FT OP, 7/8 417 T-17 KL, 405 BT BS

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Mix and pump 250 gal to flush hole, followed with 14 BBL's Dye Marker, with Mud flush. Mix and pump 160 cu 2750 Ppg mix Cement 5% Gel/solvent, 5% Salt, 2% gel, 3/4" F10-seal, mixing hulls in head cement. 60 sec lead on 13.8" PPG, 100 sec tail on 14.5" PPG yield at 137. Flush pump clear of cement. Pump 4 1/2" rubber plug to total depth of casing. Circulating cement to surface. Pressure up to 800* PSE held good. Set float check with wire line. Plug set at 1170'. Circulated 6 BBL's Return cement

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	200* psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	500*
MINIMUM	psi
AVERAGE	500*
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED

Signature

TITLE

DATE

9/18/2002

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.