

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 KANSAS CORPORATION COMMISSION
Operator Contact Person: Beth Oswald
Phone: (517) 244-8716 **APR 10 2003**
Contractor: Name: McPherson
License: 5675 CONSERVATION DIVISION
Wellsite Geologist: Bill Barks WICHITA, KS
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. _____

11-6-02	11-9-02	1-29-03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30209-00-00
County: Montgomery
NE SW Sec. 20 Twp. 31 S. R. 15 East West
2190' FSL _____ feet from S N (circle one) Line of Section
3301' 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: Sycamore Springs Ranch Well #: C2-20
Field Name: Jefferson-Sycamore
Producing Formation: Penn Coals
Elevation: Ground: 969' Kelly Bushing: _____
Total Depth: 1520' Plug Back Total Depth: 1505'
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 1520
feet depth to 0 245 _____ sx cmt.
ACT II 3/12/06

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 105 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: Scott 10 License No.: 33074
Quarter NW Sec. 10 Twp. 31 S. R. 15 East West
County: Montgomery Docket No.: D-24260

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
DEW Letter of Confidentiality Attached DP10
If Denied, Yes Date: 04-23-03 (EW)
YES Wireline Log Received
NO Geologist Report Received -Dull log
____ UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Sycamore Springs Ranch Well #: C2-20
 Sec. 20 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: High Resolution Compensated Density Neutron	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center;"> RECEIVED KANSAS CORPORATION COMMISSION APR 10 2003 CONSERVATION DIVISION WICHITA, KS </div>
---	--

CASING RECORD New <input type="checkbox"/> Used <input checked="" type="checkbox"/>							
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	1510'	50/50 Poz	245	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	1369'-1372', 1331'-1333'	400 gal 7 1/2% ac, 5950# sd & 290 BBL fl	
4	1131'-1133', 1089'-1091'	450 gal 7 1/2% ac, 3400# sd & 190 BBL fl	
2	1065.5'-1068', 1034'-1040'	400 gal 7 1/2% ac, 8470# sd & 335 BBL fl	
4	741.5'-744'	300 gal 7 1/2% ac, 2900# sd & 180 BBL fl	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>1464'</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>2/18/03</u>		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. <u>na</u>	Gas Mcf <u>36</u>	Water Bbls. <u>70</u>	Gas-Oil Ratio <u>NA</u>	Gravity <u>NA</u>

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____

Other (Specify) _____

**Drillers Log
McPherson Drilling LLC**

Rig: 2			
API No. 15- 125-30209-0000			
Operator:		Dart Cherokee Basin Operating Co. LLC	
Address:		P.O. Box 177 Mason, MI 48854-0177	
Well No:	C2-20	Lease Name:	Sycamore Sprs. Ranch
Footage Location:	2190 ft. from the	South	Line
	3301 ft. from the	East	Line
Drilling Contractor:		McPherson Drilling LLC	
Spud date:	11/6/02	Geologist:	Bill Barks
Date Completed:	11/8/02	Total Depth:	1520'

S. 20 T. 31 R. 15 E
Loc: Ap N/2 /NE/SW
County: MG

Gas Tests:
<p>RECEIVED KANSAS CORPORATION COMMISSION</p> <p>APR 10 2003</p> <p>CONSERVATION DIVISION WICHITA, KS</p>

Casing Record		
	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:	20#	
Setting Depth:	20'	
Type Cement:	Portland	
Sacks:	4	

Rig Time:

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil	0	2	Summit	1009	1018			
lime	2	73	lime	1018	1036			
shale	73	187	Mulky	1036	1040			
lime	187	204	lime	1040	1045			
shla	204	399	shale	1045	1064			
lime	399	406	coal	1064	1065			
shale	406	415	shale	1065	1087			
lime	415	433	coal	1087	1088			
sandy shale	433	578	shale	1088	1106			
lime	578	602	sandy shale	1106	1130			
shale	602	700	coal	1130	1132			
lime	700	721	shale	1132	1182			
sandy shale	721	760	coal	1182	1184			
shale	760	771	sandy shale	1184	1217			
sand	771	788	coal	1217	1218			
sandy shale	788	801	shale	1218	1236			
sand	801	856	coal	1236	1237			
shale	856	890	shale	1237	1269			
coal	890	891	coal	1269	1271			
lime (pink)	891	911	sandy shale	1271	1367			
shale	911	981	coal	1367	1376			
Osw lime	981	1009	Miss lime	1376	1520 TD			

RECEIVED NOV 19 2002

APR 10 2003

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

CONSERVATION DIVISION
 WICHITA, KS
TREATMENT REPORT

TICKET NUMBER **22752**
 LOCATION Chanute
 FOREMAN OTIS Powers

Sucamad's Springs Ranch 02-20

DATE 11-8-02	CUSTOMER ACCT #	WELL NAME <i>Sucamad's</i>	QTR/QTR	SECTION 20	TWP 31S	RGE 15	COUNTY MC	FORMATION
CHARGE TO <i>Dev't</i>				OWNER				
MAILING ADDRESS				OPERATOR <i>B.V. Barks</i>				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION <i>8:15pm</i>				
TIME ARRIVED ON LOCATION <i>4:30pm</i>				WELL DATA				

HOLE SIZE <i>6 7/8</i>
TOTAL DEPTH <i>1520'</i>
CASING SIZE <i>4 1/2</i>
CASING DEPTH <i>1500</i>
CASING WEIGHT
CASING CONDITION
TUBING SIZE <i>4 1/2</i>
TUBING DEPTH
TUBING WEIGHT
TUBING CONDITION
PACKER DEPTH
PERFORATIONS
SHOTS/FT
OPEN HOLE
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"/> 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		

INSTRUCTION PRIOR TO JOB
Run cement New Well
 333 O.P., 164 J.N., 122 J.B., 414 T33 L.P.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS
Established circulation pumped 2 sk premium gel followed with 5 bbls pad H₂O mix & pumped 2.45 sk 50/50 mix cement, with 2% gel, 5% salt, 5% gel, 1/4" F19 seal, Flushed & pump chg cement. Pumped 4 1/2 Rubber plug to total depth of casing, circulating cement to surface. Pressure 900 lbs held good set float, checked with wire line.

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE

BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED
Willis Barks

TITLE

DATE

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