

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

OR L

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
Operator Contact Person: Beth Oswald
Phone: (517) 244-8716
Contractor: Name: McPherson
License: 5675
Wellsite Geologist: Bill Barks

RECEIVED

APR 17 2003

KCC WICHITA

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. _____

<u>9-16-02</u>	<u>9-20-02</u>	<u>10-1-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30162-00-00
County: Montgomery
SW NW Sec. 18 Twp. 31 S. R. 16 East West
3300' FSL _____ feet from S N (circle one) Line of Section
4625' 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: Perkins Well #: B1-18
Field Name: Neodesha

Producing Formation: Penn Coals
Elevation: Ground: 800' Kelly Bushing: _____
Total Depth: 1238' Plug Back Total Depth: 1049'
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1238'
feet depth to ART II WRM 3/16/06 160 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 75 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: Lentz 1 License No.: 33074
Quarter SE Sec. 18 Twp. 31 S. R. 16 East West
County: Montgomery Docket No.: D-25956

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: 4-14-03
Subscribed and sworn to before me this 14th day of April, 2003.
Notary Public: Karen L. Welton
Date Commission Expires: _____

KCC Office Use ONLY
Deny Letter of Confidentiality Attached
If Denied, Yes No Date: 4-21-03 DPW
 Wireline Log Received
No Geologist Report Received
____ UIC Distribution

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

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Perkins Well #: B1-18
 Sec. 18 Twp. 31 S. R. 16 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
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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"		21'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1072'	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	882'-888'	500 gal 15% ac, 5500# sd & 300 BBL fl	
4	786'-787.5'	300 gal 15% ac, 2350# sd & 230 BBL fl	
4	726.5'-730', 697'-703'	500 gal 15% ac, 10300# sd & 380 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2 3/8"	918'	NA			
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
10/21/02		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	24	60	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 _____

Air Drilling
Specialist
Oil and Gas Wells



M.O.K.A.T. DRILLING
Office Phone: (620) 879-5377



P.O. Box 590
Caney, KS 67333

Operator DART		Well No. B1-18	Lease PERKINS	Loc. 1/4 1/4 1/4	Sec. 18	Twp. 315	Rge. 16					
County MONTGOMERY		State KS		Type/Well GAS	Depth 1238"	Hours	Date Started 9-16-02	Date Completed 9-19-02				
Job No.	Casing Used 21'3" OF 8 5/8"	Bit Record				Coring Record						
Driller BILLY	Cement Used 4 SACKS	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"								
	Hammer No.											

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	10	OVERBURDEN	460	465	SHALE	729	730	COAL			TD 1238'
10	18	SHALE	465	466	COAL	730	749	SHALE			
18	25	BLACK SHALE	466	483	SHALE	739		GAS TEST NO GAS			
25	73	SHALE	483	490	SANDY SHALE	749	752	LIME			
73	78	LIME	490	510	SAND	752	753	LIMEY SHALE			
78	81	BLACK SHALE	510	558	SHALE	753	754	COAL CROWE BERG			
81	94	SHALE	558	559	COAL	754	758	BLACK SHALE			
94	108	LIME	559	561	SHALE	758	760	SHALE			
108	133	SHALE	561		GAS TEST NO GAS	760	762	LIME			
133	153	LIME	561	584	LIME	762	812	SANDY SHALE			
153	160	LIMEY SHALE	584	591	BLACK SHALE NO GAS	764		GAS TEST SAME			
160	178	LIME DAMP	591	612	SAND	812	813	COAL			
178	187	SHALE	612	616	SANDY SHALE	813	820	SHALE			
187	251	SANDY SHALE	616	649	SHALE	815		GAS TEST SAME			
251	256	SHALE	639		GAS TEST NO GAS	820	840	SANDY SHALE			
256	275	LIME	649	652	LIMEY SHALE	840	884	SHALE			
275	283	SHALE	652	674	LIME	884	885	COAL			
283	298	SANDY SHALE	674	677	BLACK SHALE	885	903	BLACK SHALE			
298	317	SHALE	677	678	COAL SUMMIT	890		GAS TEST SAME			
317	368	BLACK SHALE	678	680	BLACK SHALE	903	920	SANDY SHALE WATER			
368	378	SHALE	680	685	SHALE	920	995	SAND			
378	379	BLACK SHALE	685	699	LIME	995	998	SANDY SHALE			
		GAS TEST NO GAS	689		GAS TEST 0#	998	1060	SAND			
379	380	COAL	699	704	BLACK SHALE	1060	1088	BLACK SHALE			
380	393	SANDY SHALE	704	705	COAL MULKEY	1015		MORE WATER			
393	410	LIME	705	707	SHALE	1088	1089	COAL			
398		WENT TO WATER	707	713	LIME	1089	1102	BLACK SHALE			
410	423	SHALE	714		GAS TEST 0#	1102	1126	LIME MISSISSIPPI			
423	434	LIME	713	720	SHALE	1126	1238	LIME			
434	436	SHALE	720	722	LIME	1163		WATERED OUT			
436	460	LIME	722	729	SHALE	1238		GAS TEST 3# 1/8"			

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

TICKET NUMBER **14547**
 LOCATION Chanute, KS
 FOREMAN Jim Green

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-20-02	2368	Perkins BI-18		18	31	16	McG	
CHARGE TO DART				OWNER				
MAILING ADDRESS P.O. Box 100				OPERATOR Bob Goodman				
CITY Sycamore,				CONTRACTOR McPherson Drilling				
STATE KS.		ZIP CODE 67363		DISTANCE TO LOCATION 30				
TIME ARRIVED ON LOCATION 10:30 AM				TIME LEFT LOCATION 12:00 PM				

WELL DATA	
HOLE SIZE	6 3/4"
TOTAL DEPTH	1238'
CASING SIZE	9 5/8"
CASING DEPTH	1070' Insert Valve 1049'
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
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		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Cement One Well

389 PU JB, 128 PT OP, 122 BT DL 370 VAC CG, 202 VAC TK JB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Establish circulation, Mix and pump 3sk Gel with Hells to flush hole. Pump 11 BBLs Oye marker with mud flush. Mix and pump 160 sk Poz mix 5% gel with 5% salt, 5% Gelcrete, 2% Gel, 1/4" #10-seal. Flush pump clear of cement. Pump 1/2" Rubber plug to total depth of casing, Circulating cement to surface little circulation 1 BBL return cement. head cement at 128' & 0.5c Tail cement at 14.5' @ 996. 1.3 yield. Pressure up to 800# PST. Set float check with wireline plug set at 1049'. Mixed 10sk at surface to fill pit.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	200# psi
FINAL DISPLACEMENT	
ANNULUS	
MAXIMUM	800# psi
MINIMUM	
AVERAGE	400# psi
TSIP	
5 MIN SIP	
15 MIN SIP	

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

TITLE

DATE