

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
Operator Contact Person: Beth Oswald
Phone: (517) 244-8716
Contractor: Name: Mocat License: 5831
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. _____
9-27-02 10-2-02 1-9-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30185-00-00
County: Montgomery
W2 E2 SW NW Sec. 27 Twp. 33 S. R. 14 East West
3300' FSL feet from S / N (circle one) Line of Section
4380' 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: Edds Well #: B1-27
Field Name: Wayside-Havana
Producing Formation: Penn Coals
Elevation: Ground: 900' Kelly Bushing: _____
Total Depth: 1567' Plug Back Total Depth: 1526'
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 1567
feet depth to 0 w/ 175 sx cmt.

Aug II water 3/17/02
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 100 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 MW 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
Deny Letter of Confidentiality Attached
If Denied, Yes Date: 4-22-03 DPW
 Wireline Log Received
NO Geologist Report Received DRG-L LOG-1
 UIC Distribution

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Edds Well #: B1-27
 Sec. 27 Twp. 33 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 Temperature	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"		21'	Class A	4	
Prod	6 1/4"	4 1/2"	10.5	1552'	50/50 Poz	195	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	1455'-1458.5'	400 gal 7 1/2% ac, 4250# sd & 235 BBL fl	
4	1185'-1187', 1171'-1173'	400 gal 7 1/2% ac, 4950# sd & 220 BBL fl	
4 / *2	1098'-99.5', 1101.5'-04', *1077'-81.5', 1049.5'-53'	600 gal 7 1/2% ac, 10200# sd & 375 BBL fl	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>1482'</u>	Packer At <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>3/1/03</u>	Producing Method Flowing <input type="checkbox"/> <input checked="" type="checkbox"/> Pumping Gas Lift Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>NA</u>	Gas Mcf <u>2</u>	Water Bbls. <u>65</u>	Gas-Oil Ratio <u>NA</u>	Gravity <u>NA</u>
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Disposition of Gas **METHOD OF COMPLETION** Production Interval

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

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. B1-27	Lease EDDS	Loc.	14	14	14	Sec. 27	Twp. 335	Rge. 14		
County MONTGOMERY		State KS	Type/Well GAS	Depth 1567'	Hours	Date Started 9-27-02	Date Completed 10-01-02					
Job No.	Casing Used 21'3" OF 8 5/8"	Bit Record			Coring Record							
Driller BILLY	Cement Used 4 SACKS	Bit No.	Type	size 8 7/8"	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No.											
Driller	Hammer No.											

RECEIVED
KANSAS CORPORATION COMMISSION
APR 10 2003
CONSERVATION DIVISION
WICHITA, KS

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	3	OVERBURDEN	560	564	GRAY SHALE	1120	1123	LIME	1436	1444	LIMEY SHALE
3	12	LIME	664	689	BLACK SHALE	1123	1130	BLACK SHALE	1442		GAS TEST NO GAS
12	17	CLAY	689	730	LIME	1130	1133	LIME	1444	1466	SHALE
17	26	SHALE	730	760	SAND OIL SHOW	1133	1135	SAND	1466	1477	LIME
26	38	SANDY SHALE	760	767	SHALE	1135	1136	COAL	1477	1493	BLACK SHALE
38	94	SHALE	765		GAS TEST TRACE	1136	1138	SANDY SHALE	1493	1507	LIME MISSISSIPPI
94	95	LIME	767	768	COAL	1138	1141	LIME	1507	1567	BROWN LIME
95	120	SHALE	768	770	SHALE	1141	1159	SANDY SHALE	1517		GAS TEST NO GAS
120	122	BLACK SHALE	770	820	LIME	1159	1160	LIME			
122	125	SHALE	820	870	SANDY SHALE	1160	1217	SHALE			TD 1567
125	160	SANDY SHALE	870	904	SHALE	1217	1221	SANDY SHALE			
160	189	SHALE	890		GAS TEST SAME	1221	1230	SAND			
187	210	BLACK SHALE	904	927	LIME	1230	1237	SANDY SHALE			
210	218	SANDY SHALE	927	935	BLACK SHALE	1237	1238	COAL			
218	252	SHALE	935	945	SHALE	1238	1277	BLACK SHALE			
252	310	SAND WATER	945	985	SAND	1242		GAS TEST SAME			
310	311	COAL	985	1014	SANDY SHALE	1272	1282	SAND			
289		WENT TO WATER	1014	1046	LIME OSWEGO	1282	1301	SHALE			
311	338	SAND	1016		GAS TEST SAME	1301	1302	COAL			
338	342	BLACK SHALE	1046	1054	BLACK SHALE SUMMITT	1302	1307	BLACK SHALE			
342	348	SHALE	1054	1078	LIME	1307	1313	SAND			
348	349	COAL	1066		GAS TEST SAME	1313	1323	SHALE			
349	362	SHALE	1078	1080	BLACK SHALE MILKY	1323	1324	LIME			
362	380	SANDY SHALE	1080	1093	LIME	1324	1357	SHALE			
380	410	SAND	1091		GAS TEST SAME	1357		GAS TEST 1 5/8 1/8"			
410	440	SHALE	1093	1102	BLACK SHALE	1357	1360	BLACK SHALE			
440	460	SANDY SHALE	1102	1103	COAL	1360	1390	SHALE			
460	496	SHALE	1103	1111	BLACK SHALE	1390	1415	BLACK SHALE			
496	509	LIME	1111	1113	LIME	1402		GAS TEST SAME			
509	524	SHALE	1113	1120	BLACK SHALE	1415	1416	COAL			
524	560	SANDY SHALE	1116		GAS TEST SAME	1416	1436	SHALE			

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DARTCHEROKE

5203317948

12:13

10/10/2002

10/10/02 THU 13:12 [TX/RX NO 6309]

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

TICKET NUMBER **20899**
 LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10-3-02		Edds Bl-27		27	33	14	Mg	
CHARGE TO <u>Dart</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY <u>Sycamore</u>				CONTRACTOR <u>Mokat</u>				
STATE <u>Ks</u>		ZIP CODE			DISTANCE TO LOCATION <u>55 miles</u>			
TIME ARRIVED ON LOCATION <u>5:30 P.M.</u>				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE <u>6 3/4</u>	
TOTAL DEPTH <u>1564'</u>	
CASING SIZE <u>4 1/2</u>	
CASING DEPTH <u>1552'</u>	
CASING WEIGHT	
CASING CONDITION <u>insert @ 15</u>	
RECEIVED	
TUBING SIZE	KANSAS CORPORATION COMMISSION
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	<u>APR 10 2003</u>
PACKER DEPTH	
CONSERVATION DIVISION	
PERFORATIONS	WICHITA, KS
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		

INSTRUCTION PRIOR TO JOB
386 A Mader
255 - J Norman 230 H Bechtel
Lead cement 13.8#/gal 80SX
Tail cement 14.7#/gal 115SX
1.37 yield

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Dropped insert ball. Established circulation.
Mixed + pumped 2 sx gel with 2/3 sx hulls. Mixed + pumped
17 bbl soap flush with dye marker. Mixed + pumped
19.5 sx 50/50 po2, 5% gilsenite, 5% salt, 2% gel, 1/4" flo-
seal per sx. Circulated dye to surface. Flushed pump
clean. Pumped 4/8 rubber plug to 1226'. Checked depth
with wire line. Set float.

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 _____ TITLE _____ DATE _____