

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

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>7-19-03</u>	<u>7-22-03</u>	<u>8-2-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30777-00-00
County: Montgomery
C SE SE Sec. 3 Twp. 33 S. R. 15 East West
660' FSL feet from S N (circle one) Line of Section
660' 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: Turpin Well #: D4-3
Field Name: Jefferson-Sycamore
Producing Formation: Penn Coals
Elevation: Ground: 802' Kelly Bushing: _____
Total Depth: 1368' Plug Back Total Depth: 1362'
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 _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALL on 6-22-04
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume 240 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: Butler A1-26 SWD License No.: 33074
Quarter NW Sec. 26 Twp. 33 S. R. 14 East West
County: Montgomery Docket No.: D-27878

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: 3-8-04

Subscribed and sworn to before me this 8th day of March

2004

Notary Public: Karen L. Welton

Date Commission Expires: _____
Notary Public, Ingham County, MI
My Comm. Expires Mar. 3, 2007

KCC Office Use ONLY

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

ORIGINAL

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Turpin Well #: D4-3
 Sec. 3 Twp. 33 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 & Dual Induction SFL/GL	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center;"> RECEIVED MAR 11 2004 KCC WICHITA </div>
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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	1362'	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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
	See Attached		

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2 3/8"	1313'	NA			
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
8-24-03			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	4	18	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) _____

ORIGINAL

Dart Cherokee Basin Operating Co LLC #33074
Turpin D4-3 API #15-125-30177-00-00
C SE SE Sec 3 T33S-R15E
Attachment to ACO-1 Well Completion Form

Shots Per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
6	1200.5'-1201.5'	300 gal 12% HCl, 1585# sd, 215 BBL fl	
6	1159.5'-1160.5'	300 gal 12% HCl, 1610# sd, 220 BBL fl	
6	968.5'-970.5'	300 gal 12% HCl, 2985# sd, 275 BBL fl	
6	891.5'-893.5'	300 gal 12% HCl, 1565# sd, 205 BBL fl	
6	822'-823'	300 gal 12% HCl, 1560# sd, 205 BBL fl	
6	800.5'-803.5'	300 gal 12% HCl, 6680# sd, 350 BBL fl	

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McPherson Drilling LLC Drillers Log

ORIGINAL

Rig Number: 3	S. 3 T. 33 S 15 E
API No. 15- 125-30177	County: MG
Elev. 802'	Location: SE SE

Operator: Dart Cherokee Basin Operating Co. LLC	
Address: P.O. Box 177 Mason, MI 48854-0177	
Well No: D4-3	Lease Name: Turpin
Footage Location: 660 ft. from the South Line	
	660 ft. from the East Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 7/19/2003	Geologist:
Date Completed: 7/22/2003	Total Depth: 1366'

Gas Tests:

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Remarks:

start injecting water @ 1120'

a little oil on pit when unloading hole on morning of 7-22-03

Casing Record			Rig Time:
	Surface	Production	3 hrs. 15 min. Gas tests
Size Hole:	11"	6 3/4"	
Size Casing:	8 5/8"		
Weight:	20#		
Setting Depth:	20'	McPherson	
Type Cement:	Portland		
Sacks:	4	McPherson	

Well Log

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	5	coal	849	851			
shale	5	78	shale	851	861			
lime	78	114	coal	861	862			
shale	114	191	shale	862	890			
lime	191	195	coal	890	892			
shale	195	230	shale	892	968			
lime	230	246	coal	968	969			
shale	246	312	shale	969	1011			
lime	312	318	oil sand	1011	1028			
shale	318	426	sand/shale	1028	1076			
lime	426	446	oil sand	1076	1102			
shale	446	503	sand/shale	1102	1126			
lime	503	516	shale	1126	1154			
shale	516	531	coal	1154	1156			
pink lime	531	654 odor	shale	1156	1198			
shale	654	731	coal	1198	1201			
1st Oswego	731	764	shale	1201	1216			
Summit	764	776	Mississippi	1216	1366 TD			
2nd Oswego	776	784						
Mulky	784	789						
3rd Oswego	789	797						
shale	797	819						
coal	819	821						
shale	821	849						

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

TJ 393
Mark 407
Bob 295
Kenet 415

TICKET NUMBER 21299

LOCATION B'ville

FOREMAN JG

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
7-23-03	2368	TURPIN D4-3		3	33	15	MONK	
CHARGE TO DART				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	6 3/4
TOTAL DEPTH	1366
CASING SIZE	4 1/2
CASING DEPTH	1362
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		

INSTRUCTION PRIOR TO JOB

JOB SUMMARY

- ran wireline ahead -
 DESCRIPTION OF JOB EVENTS *est. circ - ran 2 sx gel ahead of 10 BBC foamer followed by 10 BBC Clean H₂O - ran 160 sx 50/50 5", 5", 27, 1/2" w/hulls @ 13.5 PPG - shut down - washed out lines + pump - dropped plug - displaced to bottom + set shoe - shut in -*
landed plug @ 1200 # - circ. cnt to surface -

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

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	



CONSOLIDATED
OIL WELL
SERVICES
AN INFINITY COMPANY

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

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ORIGINAL

TICKET NUMBER 22201

LOCATION Biville

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
7-23-03	2368	TURPIN D4-3		3	33	15	Mont	
CHARGE TO <u>DART</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1	PUMP CHARGE LONGSTRING		525.00
	1362			
1110	16 sk	GILSONITE	*	310.40
1111	400#	SALT	*	40.00
1118	5 sk	GEL	*	59.00
1107	3 sk	FLO SEAL	*	113.25
1105	2 sk	HULLS	*	25.90
4404	1 ea.	4 1/2 Rubber plug	*	27.00
1123	5400 GAL	CITY H2O	*	60.75
1238	1 GAL	FOAMER		30.00
1205	1 1/2 GAL	BI-CIDE		33.75
		BLENDING & HANDLING		
5407	MIN	TON-MILES		190.00
		STAND BY TIME		
		MILEAGE		
5501	4 hr	WATER TRANSPORTS		300.00
5502	4 hr	VACUUM TRUCKS		280.00
		FRAC SAND		
1104 1124	160 sk	CEMENT 50/50	*	1032.00
			* SALES TAX	97.76 88.42

Ravin 2790

ESTIMATED TOTAL ~~3118.87~~

3115.47

CUSTOMER or AGENTS SIGNATURE Ben M. [Signature] CIS FOREMAN

Jeff Graham

CUSTOMER or AGENT (PLEASE PRINT)

DATE

185510