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

Operator: License # 33074	API No. 15 - 125-30659-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	<u>SE_SE_SW_Sec1_Twp31_SR14</u> East West
City/State/Zip: Mason MI 48854-0177	120' FSL feet from S/ N (circle one) Line of Section
Onnale	2670' FEL feet from W (circle one) Line of Section
Purchaser: Oneok Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: (517) 244-8716 DEC (13 200)	(circle one) NE SE NW SW
	Lease Name: Shultz Well #: D2-1 SWD
Contractor: Name: McPherson License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 938' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1804' Plug Back Total Depth: 1683'
OilSWDTemp. Abd.	Amount of Surface Pipe Set and Cemented at 43 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to w/sx cmt.
Well Name:	- m - m - m - m - m
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (II) # 2 KJR (a/2) (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No. D38435	Operator Name:
10-20-04 10-22-04 10-27-04	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp. S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workown information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3- is and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature Beth (Iswald)	KCC Office Use ONLY
Title: Admn & Engr Asst Date: 12-1-04	Letter of Confidentiality Attached
Subscribed and sworn to before me this the day of December	If Denied, Yes Date:
SCAN ON THE STATE	Wireline Log Received
2007	Geologist Report Received
Notary Public Language Standar	VCM UIC Distribution
	L. WELTON Diic - Michigan
Ingho Ingho	im County
My Commission Acting in the	Expires Mar 3, 2007 County of Ingham

Operator Name: Dart Cherokee Basin Ope			ting Co., LLC	Leas	e Name:	Shultz		_{Well #:} D2-1 SWD			
ec. 1 Twp. 31						gomery					
ISTRUCTIONS: Show sted, time tool open a mperature, fluid recove ectric Wireline Logs so	nd closed, flowing ery, and flow rates	and shut if gas to	t-in pressures, v surface test, al	whether s long with	shut-in pre	ssure reached s	tatic level, hydros	tatic pressure	es, bottom	hole	
rill Stem Tests Taken (Attach Additional She	pets)	Y	es ✓ No		L	og Formatio	n (Top), Depth an	d Datum	√ Sa	mple	
Samples Sent to Geological Survey			Yes ✓ No			в`		Тор	Da	itum	
Cores Taken			es ✓ No		See	Attached					
		√ Y						RE	CEIVE	ED.	
st All E. Logs Run:								DEC	0 3 2nn	L.	
High Resolution Co Dual Induction	ompensated De	nsity N	eutron &					RE DEC KCC I	VICHI	TA	
		Repo	CASING I		Ne surface, inte	w Used rmediate, production	on, etc.				
Purpose of String	Size Hole Drilled	Siz	te Casing t (In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used		d Percent itives	
Surf	11"		8 5/8"			43'	Class A	8			
Prod 6 3/4"			5 1/2"		15.5#	1683'	50/50 Poz	350	See Attached		
			ADDITIONAL	CEMENT	ING / SOL	EEZE RECORD					
Purpose: Perforate	Depth Top Bottom	Type of Cement		#Sacks Used		Type and Percent Additives					
Protect Casing Plug Back TD Plug Off Zone											
Shots Per Foot	PERFORATIO Specify Fo	N RECOR	D - Bridge Plugs Set/Type Each Interval Perforated				ture, Shot, Cement Sount and Kind of Mate		d	Depth	
		open hole @ 1696' -					- 1810' 500 gal 20% Fe ac, 20 BBL fl, 1500 gal 15% Fe ac, 285 BBL fl				
		·			······································						
FUBING RECORD	Size 2 7/8"	Set At 163		Packer 164		Liner Run	Yes ✓ No				
ate of First, Resumed Pro	oduction, SWD or Ent	nr.	Producing Meth	od	Flowing	y ✓ Pumpin	g Gas Lift	Othe	er (Explain)		
stimated Production Per 24 Hours		bls.	Gas NA	Mcf	Wate	er Bb	ols. Ga	is-Oil Ratio		Gravity NA	
hisposition of Gas	METHOD OF CO	MPLETIC				Production Interv	ral				
Vented Sold [Used on Lease ACO-18.)		Open Hole	Pe	rf. C	Jually Comp.	Commingled				

Drillers Log McPherson Drilling LLC

R. 14 E Rig Number: S. 1 T. 31 3 MG API No. 15- 125-30659 County: Elev. 938' Location:

Dart Cherokee Basin Operating Co. LLC Operator:

Address: 3541 CR 5400

Independence, KS 67301

D2-1 SWD Lease Name: Shultz Well No:

South Footage Location: 120 ft. from the Line 2670 ft. from the Line East

Drilling Contractor: McPherson Drilling LLC .

Geologist: Spud date: 10/20/2004

1804'

Date Completed: 10/22/2004 Total Depth:

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	7 7/8"	
Size Casing:	8 5/8"	McPherson	
Weight:	23#		
Setting Depth:	43'		
Type Cement:	Portland	McPherson	Driller:
Sacks:	8	1	

Gas Tests:	
· .	
•	
,	
Comments:	_1
Start injecting water @	400'

Well Log										
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.		
soil/clay	0	7 `	shale	1155	1172					
ime	.7	90	coal	1172	1174	-				
shale	90	342	shale	1174	1215					
sand wet	342	380	coal	1215	1216					
shale	380	445	shale	1216	1278					
lime	445	563	coal	1278	1279					
sand shale	563	739	shale	1279	1359					
lime	739	754	coal	1359	1363	ļ.				
shale	754	835	shale	1363	1403		_			
sand	835	852	Miss lime	1403	1665		RECEIN EC 032 CWICH	150		
sand shale	852	927	green shale	1665	1675	۵ ا	LV -	ED.		
coal	927	928	gray shale	1675	1690	U.	CC 032	004		
pink lime	928	948	lime Arb.	1690	1710	KC	CMO	•		
sand shale	948	997	shale water	1710	1714		raich	ITA		
1st Oswego	997	1023	lime	1714	1804 TD					
Summit	1023	1031				·				
2nd Oswego	1031	1046								
Mulky	1046	1051								
3rd Oswego	1051	1056			•					
sand	1056	1064								
shale	1064	1092								
coal	1092	1093						-		
shale	1093	1154	1							
shaley.coal	1154	1155								

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

RECEIVED

DEC 0 3 2004

TICKET NUM	BER	2281
LOCATION_	FureKA	
	0	•

TREATMENTRENTREMENT CEMENT

DATE	CUSTOMER #	WELL	NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
10-23-04	2368	Shultz	D 2-1	SWD	1	31	14	
CUSTOMER					yagar. Sag		75 TOUGH #	
DAFT Ch	nerokee <u>R</u> ss	BASIN		1	TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS	-		**	445	Troy		
3541 C	county Ro	5400	[710 COST		439	Alan		
CITY		STATE	ZIP CODE		195	HATOID		
INDEPENC	+NCE	KS	67301				<u> </u>	
JOB TYPE <u>لمصن</u>		HOLE SIZE 7	18	HOLE DEPTH	1804	CASING SIZE & W		15.5
CASING DEPTH_	~·	DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH	т <u> 13.5 </u>	SLURRY VOL_				CEMENT LEFT in		
DISPLACEMENT	40 Bbl	DISPLACEMENT	PSI 800 T	MIX PSI 2		RATE 4 8		
REMARKS: Se	afety mee	ting Rig	UP TO	5/2 CA:	sing Drof	BAIL SE	T PACKOR	- ShoE
029 40	PSI AT	<u>+ 1683'</u>	BLEAK	Circulation	n 170	BOI of wat	rr. we t	100
Circulat	·o~ Trouble	Furmation	~ uns	TAKING: L	ta retau	<u>2.5 Bem.</u>	(CAN Bill	ul Dart
2000	H Tuemes	im das	x 3 5K	s gel	w/ 1 5K=	Hulls, Follow	1 W/ 350	5Ks
com out	A+ 13.5	# Per gall	W. WAS	sh out	PUMP REI	GASE A VG	on the F	14
S 104 -	_ ' 1	261	Just I	مصارفه الما	O PSI RO	Bumb) DIVG A+	- 1683 -
24 TUPS	E B PACK	or Shot	9+ 1250	I check	FlOAT F	INT HelD	-ClosE c	ASIVY
STAL AT	O PSI.	GOOD CEX	nest Re	eTurns +	to SurFACE	12 Bb1	Sluiry = 5	0 5/5
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Down	1.00 PM	10-23-04	7 <i>h</i>	IANK Y	υ <u>υ</u> /		<u></u>	Ž.
ACCOUNT CODE	QUANITY		DE	SCRIPTION of	SERVICES or PRO	DDUCT 4	UNIT PRICE	TOTAL
5401			PUMP CHARG	E Lowas	tring		710.00	710.00
5406	35		MILEAGE	Sec.		<u>`</u>	2.35	82.25
1131	350	\$5	60/40	Pozmix			7.30	2555.00
1107	3		5Ks	Flocele	74 In Port	sK	40.00	120.00
1110	35	sk's	Gilsoni				20.35	712.25
	15	5/3 750#19	SAIT .	5 %			.26	195.00
1118	9 51	-	Gel (2%	1.N. Ger	mest) (3:	SKS AheaD)	12.40	111.60
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