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Kansas Corporation Commission Oil & Gas Conservation Division



WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33074	API No. 15 - 125-30868-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	NW_SW_SE_Sec12_Twp31_SR14_
City/State/Zip: Mason MI 48854-0177	980' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	2120' FEL feet from E / W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: (517) 244-8716	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: Heape Well #: D3-12
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 937' Kelly Bushing:
✓ New Well Re-Entry Workover	Total Depth: 1520' Plug Back Total Depth: 1506'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 43 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
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/ 155 sx cmt.
Well Name:	HIT - VIG - 10-17-08
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume 120 bbls
Plug BackPlug Back Total Depth	Dewatering method used Empty w/ vac trk and air dry
Commingled Docket No.	
Dual Completion	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Dart Cherokee Basin Operating Co LLC
10-26-05 10-28-05 12-6-05	Lease Name: Shultz D2-1 SWD License No.: 33074
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter_SW_Sec. 1 Twp. 31 S. R. 14
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulationerein are complete and correct to the best of my knowledge.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-ind geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
Signature: Deth Uswald	KCC Office Use ONLY
Title: Administration Plate: 2-13-06	Letter of Confidentiality Attached
Subscribed and sworn to before me this 13th day of February	If Denied, Yes Date:
300 00 元 注意	Wireline Log Received
Notary Public Della Que Notary Public Michael Publi	
Incham Counts	
Date Commission Expires: My Commission Expires O	et. 20, 2 0 11
Acting in the County of	i Ingham

Operator Name: D	art Ch	erokee Basi	n Opera	iting Co., LL	C Lease	e Name:.	Неаре		_ Well #: _D3	-12	
Sec. 12 Twp.							tgomery				
INSTRUCTIONS: Stested, time tool op- temperature, fluid re Electric Wireline Lo	en and ecovery	closed, flowing , and flow rate	and shut s if gas to	t-in pressures, surface test, a	whether s long with	hut-in pr	essure reached	static level, hydro	static pressui	es, botto	m hole
Drill Stem Tests Tak		s)	Y	es ✓ No		L	.og Formati	on (Top), Depth a	nd Datum	✓	Sample
Samples Sent to Ge	eologic	al Survey	□ Y	es ✓ No		Nam	ne		Тор		Datum
Cores Taken Electric Log Run (Submit Copy)		Y √ Y	es ✓ No es No		See	Attached				·	
List All E. Logs Run) :										
High Resolution Dual Induction	n Com	pensated D	ensity N	eutron &	•						
			Repor	CASING rt all strings set-c			ew Used ermediate, product	ion, etc.			
Purpose of String		Size Hole Drilled		e Casing t (In O.D.)	Wei		Setting Depth	Type of Cement	# Sacks Used		and Percent
Su	urf	11"		8 5/8"		24#	43'	Class A	. 8		
Pro	bd	6 3/4"		4 1/2"		10.5#	1517'	Thick Set	155	See A	ttached
		d		ADDITIONAL	CEMENT	NG / SOI	JEEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone		Depth Top Bottom	Туре	of Cement	#Sacks			Type and Pe	rcent Additives		
r lug On Zone			······································							·	
Shots Per Foot				D - Bridge Plugs ach Interval Perf				ture, Shot, Cement Sount and Kind of Mate		d	Depth
4		····			1338	'-1340'	300 gal	15% HCI, 305	5# sd, 275	BBL fl	
4					1216.5'-1	1219.5	300 gal	15% HCI, 4520	0# sd, 320	BBL fl	
4					1136	'-1138'	300 gal	15% HCI, 3050	0# sd, 230	BBL fl	
4					1071	'-1073'	300 gal	15% HCI, 3050	0# sd, 260	BBL fl	
4				1	033.5'-1	036.5'	300 gal	15% HCI, 6015	5# sd, 400 l	3BL fl	
TUBING RECORD	2 3	ize /8"	Set At 1481	1	Packer A	t	Liner Run	Yes ✓ No			
Date of First, Resumed	d Produc 12-18	*	nr.	Producing Metho	od	Flowing	✓ Pumpin	g Gas Lift	Othe	r (Explain)	
Estimated Production	10		bls.	Gas M	/lcf	Wate			s-Oil Ratio	, , , , , , ,	Gravity
Per 24 Hours		NA		5			32	-	NA		NA
Disposition of Gas	ļ, .	METHOD OF CO	MPLETIO		_		Production Interv		REC	EIVE	:D
Vented ✓ Sold (If vented, So		Jsed on Lease D-18.)	ſ	Open Hole Other (Specify	Perf.	D	ually Comp.	Commingled	FFR	1 5 20	106
			·						KCC,	WICH	ATIL

McPherson Drilling LLC Drillers Log

 Rig Number:
 2
 S. 12
 T. 31
 R. 14E

 API No.
 15 125-30868
 County:
 MG

 Elev.
 937
 Location:
 E/2 NW SW SE

Operator: Dart Cherokee Basin Operating Co. LLC

Address: 211 W. Myrtle

Independence, KS 67301

Well No: D3-12

Lease Name: Heape

980 ft. from the S

South Line

2120 ft. from the East Line

Drilling Contractor:

Footage Location:

McPherson Drilling LLC

Spud date: 10/26/2005

Geologist:

Date Completed:

10/28/2005

Total Depth: 1520'

Casing Record Rig Time: Production Surface 11" Size Hole: 6 3/4" Size Casing: 8 5/8" Weight: 20# Setting Depth: 43' McP Type Cement: Portland Driller - Mac Sacks: 8 McP

Comments:	- 	
tart injecting at		

Gas Tests:

				Well Log		
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation Top Btm
soil/clay	0	3	mulkey	1034	1039	
lime	3	35	lime	1039	1044	
shale	35	38	shale	1044	1053	
lime	38	86	sandy shale	1053	1060	
shale	86	298	shale	1060	1076	
sand(wet)	298	317	coal	1076	1077	
shale	317	426	shale	1077	1102	·
lime	426	547	coal	1102	1103	
shale	547	593	shale	1103	1138	İ
lime	593	624	coal	1138	1139	
shale	624	655	shale	1139	1220	
lime	655	668	coal	1220	1221	·
shale/sand	668	762	shale	A 1221	1339	
lime	762	774	coal	1339	1341	
shale	774	818	shale	1341	1387	
sand (no sho)	818	826	Miss Lime	1387	1520 TD	
shale	826	895				
coal	895	896				
shale	896	900				RECEIVED
ime	900	924				FFD 4 F 0000
shale	924	987				FEB 1 5 2006
oswego lime	987	1012				KCC WICHITA
summit	1012	1021				100 1101117
ime	1021	1034				

QUISOLIDATED OIL WELL SERVICES, INC. O. BOX 884, CHANUTE, KS 66720 i20-431-9210 OR 800-467-8676

07792 TICKET NUMBER LOCATION Eweks FOREMAN Brad Buth

TREATMENT REPORT & FIELD TICKET CEMENT The contract of the state of the stat

DATE	0110 = 0110		CEMEN	Harris Maria gra		magnitis	
DATE	CUSTOMER# WI	ELL NAME & NUME	BER	SECTION		RANGE	COUNTY
10-31-05	0368 / //	ape D3.	12	12	36	14E	Montson
USTOMER	TCh V D						
AILING ADDRES	rT Cherokee Basi		Gus	TRUCK#	DRIVER	TRUCK#	DRIVER
35	41 CA DI 5400		Jones	446	Scott	4	
TY	ISTATE	ZIP CODE		942	Caliv		
Tadamla	Ks.			#* 1 10 10 10 10 10 10 10 10 10 10 10 10 1		3 14 5 17 17	- :
B TYPE LON	SILLING HOLE SIZE	67301	., 1				
SING DEPTH	,		HOLE DEPTH	1520 CA	SING SIZE & V	WEIGHT 4/2*	-10.516
URRY WEIGHT	A		TUBING	80		OTHER	
-	24/12 Bby DISPLACEME	——————————————————————————————————————	WATER gai/si		MENT LEFT in	CASING 0	-
MARKS: 5-0	TA TO	NI PSI IIO	PSI /50	Bung Plug RA	TE	. · · · · · · · · · · · · · · · · · · ·	
2 4 10 13	ely Meeting: Riguri	o 76 casing	Break	Cyculation was	4.35 B	els upre	<u>. 10 1 </u>
	TOTAL CUSIN IN PROPERTY	・ オコード・ロー・エント・	r. 3 400	IAIZII K	144 DIL A		
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	BEE MANDELL TURNOS	Sines - Keleas	CP/us - 1)	Laches Plan 12	ロー フレノ わ		
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	West Casi	WITH WITH	_O KSL	on the program of the state of the	(A)	1350 Sec. 16	
<u>OC</u>	od cement setwa	25 to Serface	4174 8	BH Slurry	rodina kalendar	oring to	
							
	The state of the s	Job complet	· — —		en e		<u>.</u>
CCOUNT			Thank		HALL STORY	t programme and the	_
CODE	QUANTITY or UNITS	DES	CRIPTION of S	SERVICES of PRODUC	T CONTRACTOR	UNIT PRICE	TOTAL
401	/	PUMP CHARGE	* .	<u> </u>	ered to a trace of the common	<u> </u>	<u> </u>
406	<i>35</i>	MILEAGE				765.00 3.00	765.00
				Control of	980 882 - 10 C	3.00	105.00
26 A	155 SKS	Thick Sel	Cement	Supplies the supplies of the s	And the Control of th		20.5
0 A	25 SKs.	KOJ-SEAL	8# PV/			13.00	2015.00
27	1/2 SK.	Flocele	1/4 + Pu/SX		100	16.90	422.50
		The state of the s				4275	64,13
18 A	<u>4</u> sks	Geh	E/ 1		** <u>(5</u> 67.) (569.)	and the	1. 1. 1
25	/	(SEL	Flush		1 N 25 5-3	6.63	26.52
38		thells	13.	RECE		14.50	14.50
05	- GAL		, · · · · · · · · · · · · · · · · 			3215	3215
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107		-			UI III IA		
	Ton	Mileage -	BulkT	lruck		MC	260.00
04	1	1111/11	3 11 41				
		412" Top	Rubberlling			3800	38.00
				Commence of the second			
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	-11				33%	SALES TAX	136.18
	7//		DD636			ESTIMATED	···
ORIZATION	Volu		· •	•		TOTAL	3921.88