CONFIDENTIAL

KANSAS CORPORATION COMMISSION

OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1999
Form-Must Be Typed

WICHITA, KS

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33074	API No. 15 - 125-31440-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	N2 _ SW _ NE Sec 20 Twp 33 S. R 14 [V] East West
	3460' FSL feet from S / N (circle one) Line of Section
Oncok and	4620' 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: Sisson Well # B1-20
icense: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
	Elevation: Ground: 845' Kelly Bushing:
Designate Type of Completion: New Well Re-Entry Workover	Total Depth: 1567' Plug Back Total Depth: 1559'
•	Amount of Surface Pipe Set and Cemented at 42 Feet
OilSIOWTemp. Abd.	
Gas ENHR SIGW	
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to w/ sx cmt.
Well Name:	Drilling Fluid Management Plan AH JUNG 19-09 (Data must be collected from the Reserve Pil)
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pil) ()
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls:
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	· ·
Other (SWD or Enhr.?) Docket No	Operator Name:
10-9-07 10-11-07 11-19-07	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.:
INSTRUCTIONS: An original and two copies of this form shall be filed with	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,
Kansas 67202, within 120 days of the spud date, recompletion, worko	ver 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 107 for confidentiality in excess of 12 months). One copy of all wireline log	12 months if requested in writing and submitted with the form (see rule 82-3- s and geologist well report shall be attached with this form. ALL CEMENTING
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well	s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regu herein are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
La MATOR	
Signature: AUCOUCC	KCC Office Use ONLY
Title: Engr Clerk pate: 2-4-08	Letter of Confidentiality Attached
41 Table	If Denied, Yes Date:
·	Wireline Log Received
20 08	Geologist Report Received
Notary Public: Brandy R. alecock	RECEIVED UIC Distribution KANSAS CORPORATION COMMISSION
Octory in Lingham 8-5-27 PRANDY R. ALLCOC Date Commission Expires: 8-5-27 Public - Mic	CK Shigan
Leokson Colin	1V 1 FFD 9.1.7000
My Commission Exp March 05, 2011	CONSERVATION DIVISION

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Operator Name: Dai			g Co., LL0 West	C Lease Name			Well #: _B1-20			
NSTRUCTIONS: Shested, time tool oper emperature, fluid rec Electric Wireline Logs	n and closed, flowing covery, and flow rates	g and shut-in s if gas to sur	pressures, [,] face test, a	whether shut-in p long with final cha	ressure reached	d static level, hydros	static pressui			
rill Stem Tests Taker		☐ Yes	✓ No		Log Forma	tion (Top), Depth ar	nd Datum	✓ Sample		
Samples Sent to Geological Survey			√ No	Nai	me		Тор	Datum		
res Taken	,	Yes	✓ No	See	e Attached					
ectric Log Run (Submit Copy)		✓ Yes	No					annes A. D.		
st All E. Logs Run:							CONF	IDENTIAL		
High Resolution (Dual Induction	Compensated De	ensity Neut	ron &				FEE	IDENTIAL 3 0 4 2008 MCC		
		Report all	CASING F	RECORD Nonductor, surface, in	lew Used	ction atc				
Purpose of String	Size Hole Drilled	Size Ca Set (In	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
Sur	f 11"		8 5/8"	24#	42'	' Class A	8			
Proc	Prod 6 3/4" 4 1/2"		4 1/2"	9.5#	.5# 1562' Thick Set 165 Se		See Attached			
		Al	DDITIONAL	CEMENTING / SQ	UEEZE RECORI	D				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of C	ement	#Sacks Used		Type and Pe	rcent Additives			
Shots Per Foot	PERFORATIO Specify Fo	N RECORD -	Bridge Plugs	Set/Type		acture, Shot, Cement S mount and Kind of Mate		d Depth		
6				1428.5' - 1430.5'		00 gal 15% HCl, 30	·			
6				1147' - 1148.5		150 gal 15% HCl, 2				
6				1103' - 1104'		85 gal 15% HCl,				
6				1059.5' - 1061.5'	1:	50 gal 15% HCl, 40)20# sd, 160	BBL fl		
UBING RECORD	Size 2 3/8"	Set At 1535'		Packer At	Liner Run	Yes ✓ No				
	Production, SWD or Enh		ducing Metho		g √ Pumpi		Othe	er (Explain)		
stimated Production Per 24 Hours	Oil B	Oil Bbls. Gas Mcf			er B	Bbls. Gas	s-Oil Ratio	Gravity NA		
isposition of Gas	METHOD OF CO	MPLETION	<u> </u>		Production Inter	rval				
Vented Sold	Used on Lease	(Open Hole	Perf. (Dually Comp.	Commingled				
Vented Sold (If vented, Sun			Open Hole Other <i>(Specify</i>		Dually Comp.	Commingled	KANSA	RECEIVED S CORPORATION CO		

McPherson Drilling LLC Drillers Log

S. 20 Rig Number: 2 T. 33 R. 14E API No. 15- 125-31440 County: MG Elev. 845 Location: N2 SW NW

Dart Cherokee Basin Operating Co. LLC Operator:

Address: 211 W Myrtle

Independence, KS 67301

Well No: B1-20

Lease Name: Footage Location:

3460 ft. from the SISSON

4620

ft. from the

South Line

Drilling Contractor:

McPherson Drilling LLC

East Line

Spud date:

10/9/2007

Geologist:

Date Completed:

10/11/2007

Total Depth: 1567

Comments:		
Start injecting @	311	

Gas Tests:

Casing Record			Rig Time:			
	Surface	Production				
Size Hole:	11"	6 3/4"	1			
Size Casing:	8 5/8"					
Weight:	20#					
Setting Depth:	42	McPherson	ļ.			
Type Cement:	Portland	[Driller:	NICK HILYARD		
Sacks:	8 ,	McPherson		<u></u>		

Well Log										
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.		
soil	0	3	shale	916	993					
clay	3	5	oswego	993	1023			Ì		
lime	5	9	summit	1023	1035	1		ļ		
shale	9	22	lime	1035	1051			i		
sand	22	28	mulky	1051	1061			ľ		
shale	28	139	lime	1061	1072			Ĭ		
lime	139	162	shale	1072	1075			[
shale	162	221	coal	1075	1076			ł		
sandy shale	221	307	shale	1076	1098					
shale	307	345	coal	1098	1099	C(CONFIDENTIAL FEB U 4 2038			
lime	345	353	shale	1099	1141	F	ED (TIAL		
shale	353	368	coal	1141	1142	•	CD () 4 2	<u> </u>		
lime	368	389	shale	1142	1198		ROO	1		
shale	389	493	coal	1198	1199		NACE	l l		
lime	493	505	shale	1199	1412			l		
black shale	505	509	coal	1412	1417					
lime	509	517	shale	1417	1436					
shale	517	694	Misssissippi	1436	1567					
lime	694	714					RFO	CEIVED		
shale	714	739				K	ANSAS CORPO	RATION COMMIS		
lime	739	755					•			
shale	755	888					LFR (0 5 2008		
pink	888	913					CONSERVA	MCISIVID MOITA		
black shale	913	916					WIC	HITA KS		

CONSOLIDATED OIL WELL SERVICES. LLC P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

CONFIDENTIAL FEB 0 4 2008

12807 TICKET NUMBER LOCATION EUROM
FOREMAN DICK LEDGE

TREATMENT REPORTS FIELD TICKET **CEMENT**

DATE	CUSTOMER#	WE	LL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
10-12-07	2348	Sisson	B1-20	0				ma
USTOMER							\$36.000 ×	
		KER BASI	<u> </u>	605	TRUCK#	DRIVER	TRUCK#	DRIVER
IAILING ADDRE	ESS			Jees	463	Kyle		
21	1 W. C	lyste		_	479	Shannen		
ITY		STATE	ZIP CODE	[. [
Indue	rdeire	KS	67901	1				
OB TYPE Lor		HOLE SIZE	63/4·	 _ HOLE DEPTH	1567	CASING SIZE & W	EIGHT 41/4	254
ASING DEPTH	1562	DRILL PIPE		_ TUBING			OTHER	
URRY WEIGH	T /5 2 H	SLURRY VOL	SI BN	WATER gal/s	k 8.0	CEMENT LEFT in	CASING O'	
	25. 531			E	60			
EMARKS:	afet me	etino a	10 in to	91/1" 00	sine Bran	u circulation	مع الما	46)
fresh n	reter Pun					O Bbl Na		
440 Ala	ter. 15 B					hicket con		"All was
Mex @	13.22 AL.	7	-			retrest plus		4/ 25 3
ملمن لما	· Final					to 1300		
		page pa		C 1	SUMP PIN	Co /300	<u> </u>	
					ment retur	ns to surfe	CC = 8 C	
Slurry £	a pit. Ja	b complete	. Kg d	0W/\)				
····								
			"Than	1 X. "				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	/	PUMP CHARGE	840.00	\$40.00
5406	40	MILEAGE	3 30	1.32.00
11264	165 323	thicket cement	15. Ye.	2571.00
met	120#	lational 8 d regsx	.35	501.60
1118A	300*	gel-flish	.15	45.4
1105	50 **	hulls	.36	18.00
5407	9.68	ten-milege bulk trx	NE	265.00
4404		4" to abor plus	10.10	\$0: AS
1143	/ 90/	I am a final		36.85
1140	2 541	bi-cal RECEIVED KANSAS CORPORATION COMMISSION	26.65	51.30
		FEB 0 5 2008		
		CAUSE BYATION DIVISION		
		WICHTA, KS	2-bate)	440
		5.3.		#4.71

AUTHORIZATION 45 64

21318

ESTIMATED TOTAL