CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINA Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33074	API No. 15 - 205-26908-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	
City/State/Zip: Mason MI 48854-0177	1700' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	4660' 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 DEC 1 3 2006	(circle one) NE SE NW SW
Contractor: Name: McPherson CONFIDENTIAL	Lease Name: I&J Yeoman Well #: C1-21
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 996' Kelly Bushing:
New Well Re-Entry Workover	· Total Depth: 1545' Plug Back Total Depth: 1534'
Oil SWD SIOW Temp. 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.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan A [+ II NH6-10 08
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug B	Chloride content ppm Fluid volume bbls
·	Dewatering method used
	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
8-22-06 8-24-06 9-6-06	Quarter Sec Twp. S. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Doket No.:
	Double No.
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
oll requirements of the statutes, rules and regulations promulgated to regular erein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
signature: De Dan COUTL	KCC Office Use ONLY
itle: Engr Clerk Date: 12-13-06	V Latter of Comfidentially, Attached
THE STATE OF THE S	Letter of Confidentiality Attached
ubscribed and sworn to before me this 13 day of December	Wireline Log Paceived
	Geologist Report Received RECEIVED
otary Públic: Brandy R. aucock	
acting in Trigham (U.	DEC 10 2000
Notary Public - Mi Jackson Cou	ichigan 4 CONTOLITA
ate Commission Expires: 3-6-201 BRANDY R. ALLCO Notary Public - Mi Jackson Cou My Commission E March 05, 2011	xpires

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•		in Operating Co., L				_Well #: <u>C1</u>	-21
Sec. 21 Twp.	30 s. R. 14	✓ East West	County: Wils	son			
tested, time tool ope temperature, fluid re	en and closed, flowing ecovery, and flow rate	and base of formations g and shut-in pressure s if gas to surface test inal geological well sit	s, whether shut-in po , along with final cha	essure reached	static level, hydros	static pressur	res, bottom hole
Drill Stem Tests Tak		☐ Yes ✓ No		Log Formatio	on (Top), Depth ar	nd Datum	✓ Sample
Samples Sent to Ge	eological Survey	. ☐ Yes ✓ No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run		Yes ✓ No ✓ Yes No	See	Attached			
(Submit Copy)						KCC	.
List All E. Logs Run:	:				DE	C 1 3 20	ne
High Resolution Dual Induction	Compensated De	ensity Neutron &			CON	FIDENT	ΠAL
1			G RECORD N t-conductor, surface, int	ew Used ermediate, producti	on, 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
Su	rf 11"	8 5/8	" 24#	43'	Class A	8	
Pro	od 6 3/4"	4 1/2	9.5#	1538'	Thick Set	155	See Attached
					,		
Purpose:	Depth	· · - · · · · · · · · · · · · · · · · ·	AL CEMENTING / SQI	JEEZE RECORD			
Perforate	Top Bottom	Type of Cement	#Sacks Used	s Used Type and Percent Additives			
Protect Casing Plug Back TD			·				
Plug Off Zone		v					
Shots Per Foot	PERFORATIO	ON RECORD - Bridge Pli	ugs Set/Type	Acid, Fract	ure, Shot, Cement S	Squeeze Recor	d
Shots Fel 7 Out	Specify F	ootage of Each Interval Po	erforated	(Amo	ount and Kind of Mate	erial Used)	Depth
4		i	1366.5' - 1368'	300 gai 15% HC	cl, 4500# sd, 1110	00 scf N2, 23	50 gal fl
4			1213.5' - 1215'	300 gal 15% HC	CI, 5150# sd, 8200	00 scf N2, 194	10 gal fi
4			1169.5' - 1172'	300 gal 15% HC	CI, 7500# sd, 8700	00 scf N2, 198	30 gal fl
4			1099.5' - 1102'	300 gal 15% HC	l, 12000# sd, 1270	00 scf N2, 200	05 gal fi
4		<u> </u>	986' - 987.5'	300 gal 15% HC	CI, 5160# sd, 8500	0 scf N2, 185	60 gal fl
TUBING RECORD	Size 2 3/8"	Set At 1522'	Packer At NA	Liner Run	Yes ✓ No		
	Production, SWD or Enl 9-22-06			l ✓ Pumping	. Gas Lift	Othe	er (Explain)
Estimated Production Per 24 Hours		ibls. Gas	Mcf Wate		·	s-Oil Ratio	Gravity NA
Disposition of Gas	METHOD OF CO	5 OMPLETION	<u> </u>	Production Interva	al	INA	INA
Vented ✓ Sold	Used on Lease	Open Hole	Perf. D	ually Comp.	Commingled	F	RECEIVED
	umit ACO-18.)	Other (Spe					DEC 1 8 2006

KCC WICHITA

McPherson Drilling LLC Drillers Log

 Rig Number:
 2
 S. 21
 T. 30
 R. 14 E

 API No.
 15- 205-26908
 County:
 WL

 Elev.
 996
 Location:
 SW NW SW

Operator:

Dart Cherokee Basin

Address:

211 W Myrtle

maep

Independence, KS 67301

Well No: C1-21

Lease Name:

I&J Yeoman

Footage Location:

1700 ft. from the

South

East

Line

Line

Drilling Contractor:

Date Completed:

McPherson Drilling LLC

Spud date:

8/22/2006

Geologist:

4660 ft. from the

Total Depth:

8/24/2006

Depth: 1521

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Comments:
Start injecting @

Gas Tests:

Casing Record		Rig Time:		
	Surface	Production		
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	44	McPherson		
Type Cement:	Portland		Driller:	Jordan Jamison
Sacks:	8	McPherson	1	oordan barriigori

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
Soil	0	3	Coal	1094	1095		100	, Den.
Sand	3	14	Shale	1095	1134			
Shale	14	184	Coal	1134	1135			
Lime	184	242	Sand Shale	1135	1274			
Shale	242	310	Coal	1274	1276			
Lime	310	364	Shale	1276	1286			
Shale	364	410	Sand Shale	1286	1291			
Lime	410	460	Shale	1291	1354			
Sandy Shale	460	500	Coal	1354	1356			
Lime	500	528	Shale	1356	1379	1		
Shale	528	545	Mississippi	1379	1521 Wat	ered out		
Lime	545	620	1			1		
Sand	620	700						
Lime	700	796						
Shale	796	825	·					
Lime	825	843			•			
Sand	843	867				1		
Lime	867	886						
Shale	886	980						
Lime	980	1001				_		
Summit	1001	1006					RECEIVE	בט
Lime	1006	1022				"	EC 1820	กร
Mulkey	1022	1031			•]		
Shale	1031	1094				K(CC WICH	ATIL

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

TICKET NUN	IBER	10625
LOCATION_	Eureta	
FOREMAN	Tray 6	L: No.

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
8-24-06	2368	Yeo mai	1 C1-21					wilson
CUSTOMER	. 01 1	4 .						190.00
MAILING ADDRE	t Cherokee	Basin			TRUCK #	DRIVER	TRUCK#:	DRIVER
1				Gus	446	Calin	1100	
211	W. Myrth			Jones	439	Tarrid	DEC 1 3 20	ne
CITY	•	STATE	ZIP CODE			1		
Indepen	dence	KS	67301		· · · · · · · · · · · · · · · · · · ·	 	PAFIDEN	TAL
JOB TYPE Lo	ngstring	HOLE SIZE	6%"	HOLE DEPTH	1544'	CASING SIZE & V		<u> </u>
CASING DEPTH_		DRILL PIPE		_ TUBING			OTHER	
SLURRY WEIGH	T_13.2 #	SLURRY VOL_	48.3831	WATER gal/sk	8°	CEMENT LEFT in	CASING O'	
DISPLACEMENT	24.9861	DISPLACEMEN	T PSI & SO	MIX PSI / 3	SO Rum Plu	DATE		
REMARKS: 5	atety Mes	tin: Rig	up to 45°	Casine Ro	mak Clouds	to 1 300	hl 1.00/0-	
	16 06		WILL . 30	bi Waxer	COOP II	TOLL Come 1		111111
@ 13.74	Parsal. 4	lash out	Remo	+ lines	Rolesse	Plus. Dosp	las - 1 1 s	-584/ 70%
		· · · · · · · · · · · · · · · · · · ·	1.1 <i>F(C</i> 03	O P.11	.151 / 4-7	ZJ1	9 CM / 1 / 17	_ / ` ~/
5mms.	Release	Pressure.	Flort	Hell 1	Car I C	emant +	330 PS/	. Weit
Slury to	o Pit.				AUA C	FULLAN F	· surtan	= 7861
				John	Comp Lete			
					THE TENC			

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	
5406	40	MILEAGE	3.15	800.00
				
1126A	15.5sks	Thick set Coment	14.65	2270.7
IIIOA	1240*	Thick set Coment Kol-Seal 8th Aggs	.36*	446.40
1118A	200#	Gel- Flush	.14#	28.00
1105	50 *	Hulls	,34#	17.00
5407		Ton-Milege Bulk Truck	m/c	275.00
4404		45 Top Rubber Phy	110.00	
1238	1941	Soco Name: 1 mg	<i>40.6</i> 0	33.75°
1205	294	Soep Bi-Cide	25.35	50.70
		Thank You!		***************************************
			Sub Total	3961.60
	1	2004110	SALES TAX ESTIMATED	176.53

AUTHORIZATION 45

908470

TOTAL RECE

DEC 18 2006