

Operator: License # 33074

Address: P O Box 177

Purchaser: Oneok

License: 5675

____Oil

Operator: ____
Well Name: __

11-15-02

Spud Date or

Recompletion Date

___ Plug Back_

___ Commingled ____ Dual Completion

✓_ Gas

Name: Dart Cherokee Basin Operating Co., LLC

_____ ENHR ____ SIGW

Original Comp. Date: _____ Original Total Depth: ___

11-20-02

Date Reached TD

If Workover/Re-entry: Old Well Info as follows:

___ Deepening ____ Re-perf.

__ Other (SWD or Enhr.?)

City/State/Zip: Mason MI 48854-0177

Operator Contact Person: Beth Oswald

Phone: (517) 244-8716

Contractor: Name: McPherson

Wellsite Geologist: Bill Barks

Designate Type of Completion:

New Well
Re-Entry

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

ODICINIAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

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FEB 2 0 2004

KCC WICHITA

Workover

____Conv. to Enhr./SWD

Plug Back Total Depth

5-3-03

Completion Date or

Recompletion Date

_____ SWD _____ SIOW _____Temp. Abd.

____ Other (Core, WSW, Expl., Cathodic, etc)

Docket No.

Docket No.

Docket No.

API No. 15 - 125-30204-00-00	GINAL
County: Montgomery	
NE_SE_Sec. 5 Twp. 33 S. R. 1	
1976' FSL feet from S / N (circle of	
GEA' EEI	
feet from E / W (circle of	
Footages Calculated from Nearest Outside Section	
(W C4.5
Lease Name: Buckles W	
Field Name: Jefferson-Sycamore	
Producing Formation: Penn Coals	
Elevation: Ground: 850' Kelly Bushing	•
Total Depth: 1444' Plug Back Total Depth: 142	29'
Amount of Surface Pipe Set and Cemented at 22'	Feet
Multiple Stage Cementing Collar Used?	☐Yes 🗹 No
If yes, show depth set	Feet
If Alternate II completion, cement circulated from	
feet depth tow/w/	sx cmt.
Drilling Fluid Management Plan ALT#2 (Data must be collected from the Reserve Pit)	KJR 6/11,
Chloride contentppm Fluid volum	e bbls
Dewatering method used	
Location of fluid disposal if hauled offsite:	
Operator Name:	
Lease Name: License No.	
Quarter Sec. Twp. S. R.	East West

Dorket No.:

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.

County:

All requirements of the statutes, rules and regulations promulgated to regulate the oil an	d gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	

Signature Beth Oswald	KCC Office Use ONLY
Title: Admn Fingr Asst Date: 2-16-04 Subscribed and sworn to before me this The day of February,	Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received
Notary Public Harring & Goods	Geologist Report Received
Date Commission Expires: Notary Public, Ingham County, MI My Comm. Expires Mar. 3, 2007	



ORIGINAL

•	rt Cherokee Bas		ng Co., LL					_ Well #: <u>C4</u> -	-5		
ec. 5 Twp	33 _{S. R.} 15	✓ East	West	Count	_{y:} <u>Mon</u>	tgomery					
ested, time tool ope emperature, fluid re	how important tops a n and closed, flowing covery, and flow rate s surveyed. Attach	g and shut-ir s if gas to so	n pressures, urface test, a	whether s along with	hut-in pr	essure reached	static level, hydro	static pressure	es, bottoi	m hole	
Orill Stem Tests Take		☐ Yes	✓ No		L	.og Forma	ion (Top), Depth a	and Datum	v 5	Sample	
Samples Sent to Geological Survey ☐ Yes ✓ No					Nam	ie		Top D			
Cores Taken Yes ✓ No			See	Attached							
Electric Log Run (Submit Copy)		✓ Yes	No No		RECEIVED						
ist All E. Logs Run:							FEB 2 0 200	14			
High Resolution	Compensated D	ensity Neu	utron								
3	·	·				K	CC WICHI	TA			
		Report		RECORD conductor, s		ew Used ermediate, produ	ction, etc.				
Purpose of String	Size Hole Drilled	Size	Casing In O.D.)	We	ight / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives	
Surf	11"	8 5/8"				22'	Class A	4			
Prod	6 3/4"	4 1/2"		10.5		1434'	50/50 Poz	235			
<u> </u>		,	ADDITIONAL	CEMENTI	NG / SQ	JEEZE RECOR	Ď				
Purpose: Depth Type of Cement #Sacks to Top Bottom Top Bottom		Used Type and Percent Additives									
Plug Back TD Plug Off Zone		,	, st 8 , t d							···	
	DEDEODATI	ON RECORD	Bridge Plus	as Sat/Type		Acid Fr	acture Shot Cemen	Squeeze Recor	d		
Shots Per Foot		Footage of Ea				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				Depth	
6	1294'-1295'				,	600 gal 12% HCl, 230 BBL fl					
6	1245'-1246'		· <u> </u>			600 gal 12% HCl, 240 BBL fl				· · · · · · · · · · · · · · · · · · ·	
6	1076'-1078'					600 gal 12% HCl, 240 BBL fl					
6 915'-918'						600 gal 12	% HCI, 230 BB	Lfl		,	
TUBING RECORD	Size 3/8"	Set At 1351'		Packer /	At	Liner Run	Yes ✔ No				
Date of First, Resumed	Production, SWD or E	nhr. P	Producing Met	hod	Flowin	g ✔ Pump	ing Gas Li	ft Othe	er (Explain)		
Estimated Production Per 24 Hours	Oil NA	Bbls.	Gas	Mcf	Wat	er	Bbls. C	Sas-Oil Ratio		Gravity	
	METHOD OF (erval				

Drillers Log McPherson Drilling LLC

ORIGINAL

R. 15e

MG

S. 5

Loc:

County:

Gas Tests:

T. 33s

Rig: 1 API No. **15**- 125-302040000 Elev. 850' Dart Cherokee Basin Operating Co. LLC Operator:

P.O. Box 177

Mason, MI 48854-0177

C4-5 Well No:

Lease Name:

1976

Buckles ft. from the

South Line

654 ft. from the

East Line

McPherson Drilling LLC Drilling Contractor:

Spud date:

Footage Location:

Address:

11/15/02

Production

6 3/4"

Geologist:

Bill

Date Completed:

11/19/02

Total Depth:

1444'

Casing Record

Size Hole: Size Casing:

11"

8 5/8" 32#

22.5

Surface.

Setting Depth: Type Cement: Sacks:

Weight:

lime pink

Portland

McPherson

750

776

shale

McPherson

Rig Time:

Well Log

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FEB 2 0 2014

1289

1242

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Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil/clay	0	6.	coal	776	777	coal	1289	1291
shale	6	185	shale	777	844	shale	1291	1302
coal	185	186	Oswego lime	844	876	Miss lime	1302	1444 T
sand	186	190	summit	876	889			
sand/shale	190	210	lime	889	898			
lime	210	225	shale	898	902			
sand/shale	225	351	lime	902	908			
lime	351	363	mulky	908	915			
coal	363	364	lime	915	927			
sand	364	390	shale	927	933			
sand/shale	390	400	coal	933	934			
shale	400	538	shale	934	961			
lime	538	555	coal	961	962			
shale	555	569	shale	962	970			
sand	569	578	sand/shale	970	1074			
shale	578	597	coal	1074	1077			
lime	597	605	shale	1077	1118			
shale	605	609	coal	1118	1119			
lime	609	615	shale	1119	1121			
shale	615	655	sand(oil)	1121	1143			
sand	655	670	sand/shale	1143	1241			1
sand.shale	670	750	coal	1241	1242			

daming constraint of a same data to these tools ACONSOLIDATED: OIL WELL! SERVICES, INCOME 211 W. 14TH STREET, CHANUTE, KS: 66720 (1) 620-431-9210 OR 800-467-8676

AUTHORIZATION TO PROCEED

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FEB 2.0.2004 WOD TICKET NUMBER 1023.076

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KCC WICHITA 17. X, 18. That for sidispages ad field remolaTREATMENT REPORT

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MAILING ADDRESS PO. BARON NO DENGE SERVE	OPERATOR BY
CITY Sycamore, many many many many many many many many	CONTRACTOR MCPherson Lilling
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we of any deatment or services	The second secon
TIME ARRIVED ON LOCATION SE SO PM	TIME LEFT LOCATION COOP MILES TO THE SECOND
WELL DATA	DE HER. PIXEL CLEARENCE OF THE BUSINESS COURSE.
HOLE SIZE 6 14	TYPE OF TREATMENT
TOTAL DEPTH SOURCE SELECTION OF THE PROPERTY	[] SURFACE PIPE [] ACID BREAKDOWN
CASING DEDTH	PRODUCTION CASING 10 101 L.J. ACID STIMULATION
CASING DEPTH 1434 TWS CAT LOS 1429 CASING WEIGHT	1
CASING CONDITION	[] SQUEEZE CEMENT; X & COURT SPOTTING; COURT OF
THE LAND TO DESIGN THE PROPERTY OF THE PROPERT	[] PLUG & ABANDON [] FRAC
TUBING SIZE	[1] PLUG BACK 194 Get to be author [1] FRAC + NITROGEN
TUBING DEPTH	[] MISC PUMP
TUBING WEIGHT CONDITION	· ·
TUBING CONDITION	[]OTHER
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	PRESSURE LIMITATIONS TEMPOR TO A 12 MARS
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DESCRIPTION OF JOB EVENTS STABLISH CIRCULATION	Mix and pump Irreal to flushites lo
Rums 1766 Dre work midtlich Mix	and sums 2355 x 5% v Poz Mix Coma
5 6 /cenite, 5% 5014 286 0 14 EI	U-Seal 11554 Load 138 1/16 120m
- 111 CADOC - 1 1 CI C	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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depth of casing, Circulating 6 632 16	Turn Coment Fressure up to 800 / 11
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	and the second of the second o
PRESSURE SUMMARY	TREATMENT RATE
BREAKDOWN or CIRCULATING psi	BREAKDOWN BPM
FINAL DISPLACEMENT psi	INITIAL BPM
ANNULUS psi (MAXIMUM As Transparent psi (MAXIMUM As Transp	FINAL BPM
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AVERAGE	AVERAGE BPM
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15 MIN SIP psi	SAMUS PERSONAL SOUND PERSONAL

TITLE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.