

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

OPERATOR: License # 34178  
Name: Donald C Clark dba CFA Oil Company  
Address 1: P.O.Box 252  
Address 2: \_\_\_\_\_  
City: Bonner Springs State: KS Zip: 66012 + \_\_\_\_\_  
Contact Person: Donald C Clark  
Phone: ( 913 ) 449-5292  
CONTRACTOR: License # 5675  
Name: McPherson Drilling LLC  
Wellsite Geologist: George E. Petersen  
Purchaser: N/A

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_  
 Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd. \_\_\_\_\_  
\_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Enhr. \_\_\_\_\_ Conv. to SWD \_\_\_\_\_  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
06/08/09 6/11/09 6/11/09  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 161-20077-00-00  
Spot Description: \_\_\_\_\_  
\_\_\_\_\_ SW SW SW Sec. 20 Twp. 10 S. R. 9  East  West  
330 Feet from  North /  South Line of Section  
330 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Riley  
Lease Name: Sue Duroche Well #: 2  
Field Name: Wild Cat  
Producing Formation: marmaton-cherokee  
Elevation: Ground: 1000 Kelly Bushing: 1000  
Total Depth: 1442 Plug Back Total Depth: 1382  
Amount of Surface Pipe Set and Cemented at: 151.40 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 156  
feet depth to: surface w/ 100 sacks \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AIT I Nur 9-9-09  
(Data must be collected from the Reserve Pit)  
Chloride content: fresh water ppm Fluid volume: 240 bbls  
Dewatering method used: air rig  
Location of fluid disposal if hauled offsite:  
Operator Name: N/A  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket 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.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.  
Signature: Donald C Clark  
Title: Owner Date: Aug 31  
Subscribed and sworn to before me this 31 day of Aug, 2009.  
Notary Public: Lou Ellen Anderson  
Date Commission Expires: 8-1-2012

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
\_\_\_\_\_ UIC Distribution

NOTARY PUBLIC - State of Kansas  
LOU ELLEN ANDERSON  
My Appt. Exp. Aug. 1, 2012

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Operator Name: Donald C Clark dba CFA Oil Company Lease Name: Sue Duroche Well #: 2  
 Sec. 20 Twp. 10 S. R. 9  East  West County: Riley

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>Gamma Ray/Neutron</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Oread</td> <td>530</td> <td>470</td> </tr> <tr> <td>Heebner</td> <td>560</td> <td>440</td> </tr> <tr> <td>Lansing</td> <td>698</td> <td>302</td> </tr> <tr> <td>B/KC</td> <td>994</td> <td>06</td> </tr> </table>	Name	Top	Datum	Oread	530	470	Heebner	560	440	Lansing	698	302	B/KC	994	06
Name	Top	Datum														
Oread	530	470														
Heebner	560	440														
Lansing	698	302														
B/KC	994	06														

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CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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
Surface	12 1/4	8 5/8	20 lb	151.40	Class A	100	3%cl,4%gel,1/2# flocele
Production	7 7/8	5 1/2	15 lb	1020	Thick Set	250	silt suspender SS-630,ES
Tapered	7 7/8	2 7/8	7 lb	1392			

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ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	N/A			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	
			Depth	
	Bridge Plug Set At 1382 - Wire Line			1382
3 shots per ft	1372 to 1376, 1072 to 1076, 1044 to 1048		Acidized 250 gal, 20% Acid, Swabbed Load Back, Shows gas & water, Acidized 250 gallons	see column 2
	Bridge Plug Set at 1038 - Wire line			
5 shots total	1007 to 1009		Acidized 250 gal, 20% Acid, Swabbed Load Back, had show of gas & water	1007-1009
7 shots total	1014 - 1017		Acidized 250 gal, 20% Acid, Swabbed Load Back, had show of gas & water	1014-1017

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>1000</u> Packer At: <u>No</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. Testing Well		Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: Testing _____
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**CONSOLIDATED**

**OIL WELL SERVICES**

AN INFINITY COMPANY  
211 W. 14th, P.O. Box 884 Chanute, KS 68720  
316/431-9210 • 1-800/467-8676

Sales Ticket

16894

Date 6.11, 2009

Charge To #3175 CPA Oil

Mailing Address P.O. Box 252

City & State Bonner Springs KS 66012

Well No. & Farm Sue Duroche #2 SW 20-10-9 County Riley

set up + condition hole

5609 6hr pump track	1128.00
5502C 6hr 80 vac	564.00
5406 100 miles flat bed	345.00

11183 2950# sel	472.00
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*Alan Maden*

CK 455  
CK 369  
AMC 283

Tot 29.74

2538.74

22999.1

Received Time Jun. 15. 2009 9:09AM No. 9503

Rev 2433

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**VALIDATED**  
**L. WELL**  
**SERVICES**  
 AN IRVING COMPANY  
 211 W. 14th, P.O. Box 884 Chanute, KS 66720  
 316/431-9210 • 1-800/467-8676

**Sales Ticket**  
**16884**

Date 6.11, 2009

Charge To F 3175 CFA Oil  
 Mailing Address P.O. Box 252  
 City & State Banner Springs, KS 66212  
 Well No. & Farm Sue Durache #2 SW 20-10-9 County Riley

set up + condition hole

5609 bhr pump truck	1128.00
5522C bhr 80 vac	5641.00
5406 iron leg flat bed	345.00

1118B 2950 <sup>#</sup> g e!	472.00
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*[Signature]*  
 Alan Maden  
 CK 495  
 CK 369  
 A Mc 283

Revin 2433

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**CONSOLIDATED**  
CEMENT SERVICES, LLC

PO Box 884, Chanute, KS 68720  
620-431-9210 or 800-467-8676

TICKET NUMBER 20042  
LOCATION Ottawa  
FOREMAN Alan Madala

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6.8.09	3175	Sue Duroche #2	SW 20	10	9	RC
CUSTOMER CFA Oil Company			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS P.O. Box 252			576 Alan M			
CITY STATE ZIP CODE Bonner Springs KS 66012			368 Bill Z			
			503 Ben H			

JOB TYPE Surface HOLE SIZE 12 HOLE DEPTH 156 CASING SIZE & WEIGHT 8 5/8  
 CASING DEPTH 151 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING yes  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 kpm

REMARKS: Conditioned drill pit with ~~100~~ 98sx gel for rig to drill with. Waited for rig to drill well & run casing. Mixed & pumped 15 bbl water flush followed by 100 sx Portland 10", 20 gal bag 30 9x was 2% calcium BWOC. Circulated cement to surface. Displaced casing with clean water. Closed valve.

his supplied water

*Alan Madala*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE Zone 1	680.00	<del>680.00</del>
54016	100	MILEAGE	345.00	<del>345.00</del>
5402	151	casing footage		
5404	4 hr	stand by 2 men x 2hr		300.00
5407A		for mileage		345.21
1102	50 #	calcium		35.50
11045	98sx	cement		1244.60
11183	1188 #	gel for pit & in cement		190.08

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AUTHORIZATION *Don Rab*

TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
SALES TAX ESTIMATED TOTAL 92.63  
3433.00

Received Time Jun. 15. 2009 9:14AM No. 9505

WD # 229968



PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-1-09		Sue Duroche #2	SE 20	10	9	KL
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
CEA 0.1			516	Alan M		
MAILING ADDRESS			495	Casey K		
CITY			452/163	J m M		
STATE			510	Arden M		
ZIP CODE						
Bonner Springs						
155						
66012						

JOB TYPE long string HOLE SIZE 7 7/8 HOLE DEPTH 1445 CASING SIZE & WEIGHT 5 1/2 1020  
 CASING DEPTH 1388 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER 2 7/8 368  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING yes  
 DISPLACEMENT 26.4 bbl DISPLACEMENT PSI 200 MIX PSI 400 RATE 5 bbl/min

REMARKS: Established rate. Mixed + pumped 1 1/2 gal soap  
in 20 bbl water to flush hole. Mixed + pumped  
250 sk Thickset cement with 1/2 phen seal 1 sk.  
Displaced casing with clean water. Circulated 5 bbl  
cement returns. Closed valve.

*Alan Mader*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		870.00
5406	100	MILEAGE		345.00
5427A	<del>175</del>	ton miles		592.00
5501C	5	transport		525.00
1107A	125 #	Phen seal		135.00
1126A	250 sk	Thickset		1000.00
1143	1 1/2 gal	SEA 411		54.00

*Alan Mader*

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SALES TAX  
ESTIMATED  
TOTAL

*CONFIDENTIAL*

***INTRIM GEOLOGISTS REPORT***

***SUE DUROCHE #2***

***330' FSL, 330 FWL,  
Sec. 20, T10S, R9E***

***WABAUNSEE COUNTY, KS***

***JUNE , 2009***

***By***

***GEORGE E. PETERSEN C.P.G.,L.G.  
DEACON GEOLOGY INC.***

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LICENSED GEOLOGIST, KS #166

CERTIFIED PROFESSIONAL GEOLOGIST, AIPG #4651

1

**GEOLOGISTS REPORT :  
SUE DUROCHE #2**

*Arrived on location at 6:45 AM June 11, 2009.*

*Left location at 7:30 PM June 11, 2009.*

**ELEVATION: 1000' GL, surveyed location.**

<u>FORMATION</u>	<u>LOG DEPTH</u>	<u>DATUM</u>	<u>THICKNESS</u>
<i>Oread</i>	<i>530</i>	<i>+470</i>	<i>30'</i>
<i>Heebner</i>	<i>560</i>	<i>+440</i>	<i>8'</i>
<i>Lansing</i>	<i>698</i>	<i>+302</i>	
<i>B/KC</i>	<i>994</i>	<i>+06</i>	

**RTD 1457 LTD 1032**

*Hole caved, no log at this time for the remainder of the hole.*

*Sample returns were collected through the Lansing -Kansas City sequence prior to the arrival of the on site Geologist. These samples were examined microscopically for the presence of visible hydrocarbons. There was no visible evidence that oil or gas was present in any of the samples that were examined.*

*The formation tops and intervals that are presented here were made from interpretation of the Gamma-Neutron log run by Midwest Surveys on the 11<sup>th</sup> of June, 2009.*

*The sequence of sediments that were the target for the drilling of this well were penetrated with a down hole air hammer rig. The sediments that were caught had a show of hematitic shale in the 1050 interval. Samples from this interval were caught at varying intervals, making it difficult to determine exactly where the samples were cut from.*

*Sample returns from 100 to TD were composed primarily of pink to rose colored quartz with some clear quartz, arkosic red material with various mineral inclusions of biotite, muscovite and an occasional fragment of malachite (copper ore). Other unidentified dark to black mineral inclusions were also observed in the arkosic material.*

*There were no visible shows of oil or gas observed in the samples. Until such time that open hole logs might be obtained from this hole, no other determination of what is in place in the lost portion of the hole is possible.*

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**CONCLUSIONS AND RECOMMENDATIONS:**

*Based on the information gained by the Gamma-Neutron log, it is apparent that there is significant structural relief in the logged portion of the hole when compared with the Sue Duroche #1. No evaluation of the remainder of the hole is possible until such time the hole is reopened to allow a complete set of open hole logs to be obtained. Water samples need to be tested to allow for accurate Sw values to be calculated.*

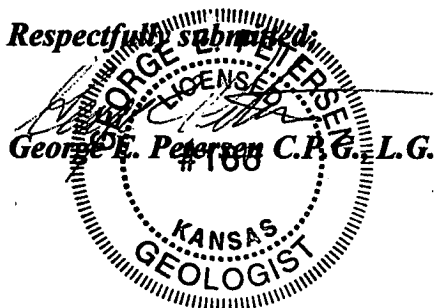
*It is obvious that trying to drill with an air rig in these geologic conditions is not feasible and should not be attempted again.*

**DISCLAIMER:**

*Services rendered on the Sue Duroche #2 were done without any biasing influence, intentional or unintentional, from any official of C F A Oil Co. In this report I am an independent Geologist and not an employee of the referenced company. I will not receive any financial benefit from the positive completion of this well or the abandonment of this location.*

*This report is for the sole use of C F A Oil Co. and is not for distribution to the general public.*

*The recommendations made in this report shall not be construed as absolute and are made without assumption of liability and are only a statement of observations made, research, training, and experience and are my opinions only.*



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