

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33235  
Name: Chieftain Oil Co., Inc  
Address 1: PO Box 124  
Address 2: \_\_\_\_\_  
City: Kiowa State: KS Zip: 67070 + \_\_\_\_\_  
Contact Person: Ron Molz  
Phone: ( 620 ) 825-4030

CONTRACTOR: License # 33789  
Name: D & B Drilling, LLC  
Wellsite Geologist: Arden Ratzlaff  
Purchaser: West Wichita Gas Gathering

Designate Type of Completion: **KCC WICHITA**  
 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.: \_\_\_\_\_  
5-27-2008 6-5-2008 6-26-2008  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 007-23290-0000  
Spot Description: \_\_\_\_\_  
SE SE NW Sec. 5 Twp. 33 S. R. 10  East  West  
2310 Feet from  North /  South Line of Section  
2310 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW

County: Barber  
Lease Name: Mathews Well #: 2  
Field Name: \_\_\_\_\_  
Producing Formation: Mississippi  
Elevation: Ground: 1559 Kelly Bushing: 1571  
Total Depth: 5085 Plug Back Total Depth: 5006  
Amount of Surface Pipe Set and Cemented at: 330 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ <sup>sq cmt.</sup> API - Dig - 5/1/09

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 10000 ppm Fluid volume: 1200 bbls  
Dewatering method used: Haul Off  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Molz Oil Co., Inc.  
Lease Name: Garner SWD License No.: 6006  
Quarter NE Sec. 11 Twp. 33S S. R. 10  East  West  
County: Barber 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: [Handwritten Signature]  
Title: Secretary Date: 4-16-2009

Subscribed and sworn to before me this 16 day of April,  
20 09.

Notary Public: Amanda Corr  
Date Commission Expires: 4/11/2011  
NOTARY PUBLIC - State of Kansas  
AMANDA CORR  
My Appt. Expires 4/11/11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Chieftain Oil Co., Inc Lease Name: Mathews Well #: 2  
 Sec. 5 Twp. 33 S. R. 10  East  West County: Barber

**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 checked="" type="checkbox"/> Yes <input 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: Gamma Ray Dual Induction Compensated Neutron Density Sonic Bond Geologic	<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>Heebner</td> <td>3644</td> <td>-2073</td> </tr> <tr> <td>Lansing</td> <td>3856</td> <td>-2285</td> </tr> <tr> <td>Cherokee</td> <td>4529</td> <td>-2958</td> </tr> <tr> <td>Mississippian</td> <td>4570</td> <td>-2999</td> </tr> <tr> <td>Viola</td> <td>4860</td> <td>-3289</td> </tr> <tr> <td>Simpson</td> <td>4944</td> <td>-3373</td> </tr> <tr> <td>Total Depth</td> <td>5085</td> <td>-3514</td> </tr> </table>	Name	Top	Datum	Heebner	3644	-2073	Lansing	3856	-2285	Cherokee	4529	-2958	Mississippian	4570	-2999	Viola	4860	-3289	Simpson	4944	-3373	Total Depth	5085	-3514
Name	Top	Datum																							
Heebner	3644	-2073																							
Lansing	3856	-2285																							
Cherokee	4529	-2958																							
Mississippian	4570	-2999																							
Viola	4860	-3289																							
Simpson	4944	-3373																							
Total Depth	5085	-3514																							

CASING RECORD <input checked="" type="checkbox"/> New <input 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	10-3/4	8-5/8	24#	330	60/40 Poz	275	2% Salt
Production	7-7/8	5-1/2	15.5#	5083	Common	200	2% Salt Gas Block

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				

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
4	4580-4584 4588-4596	1000 Gal 7-1/2% Acid	4580-4624
4	4598-4604 4616-4624	1500 Gal 15% Acid	
		Frac 11500 bbls Slick Water	
		213000# Sand	

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TUBING RECORD:	Size: <u>2-7/8</u>	Set At: <u>4675</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>8-1-2008</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>25 bbls</u>	Gas Mcf <u>75 mcf</u>	Water Bbls. <u>150 bbls</u>
Gas-Oil Ratio		Gravity	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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: _____ _____
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**Pratt**

PAGE 1 of 2	CUST NO 1970-CHI017	INVOICE DATE 06/09/2008
INVOICE NUMBER <b>1970002042</b>		

**B** CHIEFTAIN OIL COMPANY  
**L** PO BOX 124  
**L**  
**T** KIOWA KS 67070  
**O** ATTN:

**J** LEASE NAME Mathews  
**O** WELL NO. 2  
**B** COUNTY Barber  
**S** STATE KS  
**I** JOB DESCRIPTION Cement-New Well Casing/Pipe:  
**T** JOB CONTACT  
**E**

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
1970-02049	301		Net 30 DAYS	07/09/2008	
<b>For Service Dates: 06/06/2008 to 06/06/2008</b>					
<b>1970-02049</b>					
<b>1970-18627</b>	<b>Cement-New Well Casing 6/6/08</b>				
Pump Charge-Hourly		1.00	Hour	2880.000	2,880.00
Depth Charge; 5001'-6000'					
Cementing Head w/Manifold		1.00	EA	250.000	250.00
Plug Container Utilization Charge					
Cement Float Equipment		2.00	EA	290.000	580.00
Basket 5 1/2"					
Cement Float Equipment		1.00	EA	215.000	215.00
Flapper Type Insert Float Valves					
Cement Float Equipment		1.00	EA	250.000	250.00
Guide Shoe-Regular					
Cement Float Equipment		1.00	EA	105.000	105.00
Top Rubber Cement Plug					
Cement Float Equipment		7.00	EA	110.000	770.00
Turbolizer					
Mileage		225.00	DH	1.400	315.00
Blending and Mixing Service Charge					
Mileage		90.00	DH	7.000	630.00
Heavy Equipment Mileage					
Mileage		473.00	DH	1.600	756.80
Proppant and Bulk Delivery Charges					
Pickup		45.00	Hour	4.250	191.25
Unit Mileage Charge(Pickups, Vans, or Cars)					
Additives		5.00	EA	44.000	220.00 T
CC-1; KCI Substitute					
Additives		38.00	EA	4.000	152.00 T
De-foamer					
Additives		151.00	EA	7.500	1,132.50 T
FLA-322					
Additives		188.00	EA	5.150	968.20 T
Gas-Blok					
Additives		1,000.00	EA	0.670	670.00 T
Gilsonite					

**RECEIVED**  
 JUN 10 2008  
 9121BC

**RECEIVED**  
 APR 17 2009  
 KCC WICHITA

12,237.68



**Pratt**

PAGE 2 of 2	CUST NO 1970-CHI017	INVOICE DATE 06/09/2008
INVOICE NUMBER <b>1970002042</b>		

**B I L L T O**  
 CHIEFTAIN OIL COMPANY  
 PO BOX 124  
 K I O W A                      K S                      67070  
 ATTN:

**J O B S I T E**  
 LEASE NAME                      Mathews  
 WELL NO.                              2  
 COUNTY                                Barber  
 STATE                                  KS  
 JOB DESCRIPTION                  Cement-New Well Casing/Pipe:  
 JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE		
1970-02049	301			Net 30 DAYS	07/09/2008		
				QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Additives Mud Flush				500.00	EA	0.860	430.00 T
Additives Salt				1,038.00	EA	0.500	519.00 T
Additives Super Flush II				500.00	EA	1.530	765.00 T
Cement 60/40 POZ				25.00	EA	11.000	275.00 T
Cement AA2 Cement				200.00	EA	16.600	3,320.00 T
Supervisor Service Supervisor Charge				1.00	Hour	175.000	175.00

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 APR 17 2009  
 KCC WICHITA**

**PLEASE REMIT TO:**  
 BASIC ENERGY SERVICES, LP  
 PO BOX 841903  
 DALLAS, TX 75284-1903

**SEND OTHER CORRESPONDENCE TO:**  
 BASIC ENERGY SERVICES, LP  
 PO BOX 10460  
 MIDLAND, TX 79702

<b>BID DISCOUNT</b>	-3,736.74
<b>SUBTOTAL</b>	<b>11,833.01</b>
<b>TAX</b>	<b>404.67</b>
<b>INVOICE TOTAL</b>	<b>12,237.68</b>



**FIELD ORDER** 18627

Subject to Correction

CHARGE

6-6-08	Customer ID	Lease <b>Mathews</b>	Well # <b>2</b>	Legal <b>5-335-10W</b>
Chieftain Oil Company, Incorporated		County <b>Barber</b>	State <b>KS</b>	Station <b>Pratt</b>
		Depth <b>5 1/2</b>	Formation <b>15.5Lb</b>	Shoe Joint <b>41.72 Feet</b>
		Casing Depth <b>5,085 Ft</b>	TD <b>5,086 Ft</b>	Job Type <b>C.N.W. - Long string</b>
		Customer Representative <b>Ron Molz</b>	Trainer <b>Clarence R. Messick</b>	

AFE Number	PO Number	Materials Received by <b>X RMY</b>	<b>DL5</b>
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP105	200sk	AA-2	---	\$ 3,320.00
P	CP103	25sk	60/40 Poz	---	\$ 275.00
P	CC105	38Lb	Defoamer	---	\$ 152.00
P	CC111	1,038Lb	Salt (Fine)	---	\$ 519.00
P	CC115	188Lb	Gas Blok	---	\$ 968.20
P	CC129	151Lb	FLA-322	---	\$ 1,132.50
P	CC201	1,000Lb	Gilsonite	RECEIVED	\$ 670.00
APR 17 2009					
P	C706	5Gal	CC-1	---	\$ 220.00
P	CC151	500Gal	Mud Flush	KCC WICHITA	\$ 430.00
P	CC155	500Gal	Super Flush II	---	\$ 765.00
P	CF103	1ea	Top Rubber Plug, 5 1/2"	---	\$ 105.00
P	CF251	1ea	Regular Guide Shoe, 5 1/2"	---	\$ 250.00
P	CF1451	1ea	Insert Float Valve, 5 1/2"	---	\$ 215.00
P	CF1651	7ea	Turbolizer, 5 1/2"	---	\$ 770.00
P	CF1901	2ea	Basket, 5 1/2"	---	\$ 580.00
P	E101	90mi	Heavy Equipment Mileage	---	\$ 630.00
P	E113	473tm	Bulk Delivery	---	\$ 756.80
P	E100	45mi	Pickup Mileage	---	\$ 191.25
P	CE240	225sk	Blending and mixing Service	---	\$ 315.00
P	S003	1ea	Service Supervisor	---	\$ 175.00
P	CE206	1ea	Depth Charge: 5,001 Feet To 6,000 Feet	---	\$ 2,880.00
P	CE504	1 Job	Plug Container	---	\$ 250.00
Discounted Price =					\$ 11,833.01
Plus Taxes					

KCC WICHITA

Lease No. <b>101</b>	Company <b>Wheatland Oil Company, Incorporated</b>	Lease No. <b>2</b>	Date <b>6-6-08</b>
Lease <b>Mathews</b>	Well # <b>2</b>	Field Order # <b>8627</b>	Station <b>Pratt</b>
Type Job <b>C.N.W. - Long string</b>	Formation <b>5 1/2 15.5 lb 5.085 Ft.</b>	County <b>Barber</b>	State <b>KS</b>
Legal Description <b>9-335-10W</b>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <b>5 1/2</b>	Tubing Size <b>5 LB/FT.</b>	Shots/Ft <b>200</b>	From <b>108</b>	To <b>108</b>	Rate <b>28</b>	Press <b>88</b>	ISP <b>322</b>
Depth <b>7.085</b>	Depth <b>108</b>	From <b>15</b>	To <b>15</b>	To <b>15</b>	Max <b>6.23</b>	Min <b>1.44</b>	5 Min.
Volume <b>21 Bbl.</b>	Volume <b>15 lb Gal.</b>	From <b>6.23</b>	To <b>6.23</b>	To <b>6.23</b>	Avg <b>1.44</b>		10 Min.
Max Press <b>300 P.S.I.</b>	Max Press <b>300</b>	From <b>25</b>	To <b>25</b>	To <b>25</b>			15 Min.
Well Connection <b>Plug Cont.</b>	Annulus Vol <b>25</b>	From <b>60/40</b>	To <b>60/40</b>	To <b>60/40</b>	HPD Used <b>Rat and Mouse holes</b>		Annulus Pressure
Plug Depth <b>3.095</b>	Packer Depth <b>3.095</b>	From <b>120</b>	To <b>120</b>	To <b>120</b>	Flush <b>20 Bbl. 28 KCL</b>		Total Load

Customer Representative <b>Ron Molz</b>	Station Manager <b>David Scott</b>	Operator <b>Clarence R. Messick</b>
Service Units <b>19,870</b>	<b>19,903</b>	<b>19,905</b>
Driver Names <b>Messick</b>	<b>Mattal</b>	<b>Freeman</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					Trucks on location and hold safety meeting.
2:30 AM					D & B Drilling start to run Regular Guide Shoe, Shoe Joint with Auto Fill Insert screwed into collar and a total of 121 Joints new 15.5 LB/FT. 5 1/2" casing. Ran Baskets above Collars #2 and #8. Ran Turbolizers on Collars #4, 5, 10, 11, 12, 13 and 14.
6:00					Casing in well. Circulate for 1 hour.
7:03	300		6	6	Start Fresh Water Pre-Flush.
			20	6	Start Mud Flush.
			32	6	Start Fresh Water Spacer.
			37	6	Start Super Flush II.
			49	5	Start Fresh Water Spacer.
7:14	300		52	5	Start mixing 200 sacks AA-2 cement.
	-0-		103		Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
7:31	150			6.5	Start 28 KCL Displacement.
			100	5	Start to lift cement.
7:50	700		120		Plug down.
	1500				Pressure up.
					Release pressure. Insert did not hold. Shut in well.
	-0-		4-3	3	Plug Rat and Mouse holes.
					Wash up pump truck.
8:30					Job Complete.
					Thank You.



PAGE 1 of 1	CUST NO 1970-CHI017	INVOICE DATE 05/29/2008
INVOICE NUMBER <b>1970001990</b>		

**Pratt**

**B I L L T O**  
 CHIEFTAIN OIL COMPANY  
 PO BOX 124  
 KIOWA KS 67070  
 ATTN:

**J O B S I T E**  
 LEASE NAME Mathews  
 WELL NO. 2  
 COUNTY Barber  
 STATE KS  
 JOB DESCRIPTION Cement-New Well Casing/Pipe:  
 JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
1970-01997	301		Net 30 DAYS	06/28/2008
<b>For Service Dates: 05/28/2008 to 05/28/2008</b>				
<b>1970-01997</b>				
<b>1970-17710</b>	<b>Cement-New Well Casing</b>	<b>5/28/08</b>		
Pump Charge-Hourly			1.00 Hour	1,000.00
Depth Charge; 0-500'			1.00 EA	250.00
Cementing Head w/Manifold			1.00 EA	160.00
Plug Container Utilization			275.00 DH	385.00
Charge			90.00 DH	630.00
Cement Float Equipment			533.00 DH	852.80
Wooden Cement Plug			45.00 Hour	191.25
Mileage			68.00 EA	251.60 T
Blending and Mixing Service			711.00 EA	746.55 T
Charge			275.00 EA	3,025.00 T
Mileage			1.00 Hour	175.00
Heavy Equipment Mileage				
Mileage				
Proppant and Bulk Delivery				
Charges				
Pickup				
Unit Mileage Charge(Pickups,				
Vans, or Cars)				
Additives				
Cello-flake				
Calcium Chloride				
Cement				
60/40 POZ				
Supervisor				
Service Supervisor Charge				

**ENTERED**

JUN 09 2008

912/BC

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APR 17 2009

**KCC WICHITA**

**PLEASE REMIT TO:**  
**BASIC ENERGY SERVICES, LP**  
**PO BOX 841903**  
**DALLAS, TX 75284-1903**

**SEND OTHER CORRESPONDENCE TO:**  
**BASIC ENERGY SERVICES, LP**  
**PO BOX 10460**  
**MIDLAND, TX 79702**

**BID DISCOUNT**  
**SUBTOTAL**  
**TAX**  
**INVOICE TOTAL**

-1,533.44  
 6,133.76  
 202.77  
**6,336.53**

# BASIC

energy services, L.P.

**FIELD ORDER 17710**

Subject to Correction

Date 5-28-08	Customer ID	Lease Mathews	Well # 2	Legal 5-33-10
Chickadee Oil Co. Inc.		County Barber	State KS	Station Pint
		Depth 333	Formation	Shoe Joint 34.35
		Casing 8 5/8 24"	Casing Depth 332	TD 333
		Customer Representative Kyle	Treater Steve Orlando	Job Type C/W Surface

AFE Number \_\_\_\_\_ PO Number \_\_\_\_\_ Materials Received by **X Kyle Coan** DLS

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP103	2755A	60/40 Poz	—	3025.00
P	CC102	68Lb	Cellulose	—	251.60
P	CC109	711Lb	Calcium Chloride	—	746.55
P	CF153	1ea	Wooden Cement Plug 8 5/8"	—	160.00
P	E101	90 mi	Heavy Equipment Mileage	—	630.00
P	E113	533+mi	Bulk Delivery	—	852.80
P	E100	45 mi	Pickup Mileage	—	191.25
P	CE240	2755A	Cement Service Charge	—	385.00
P	S003	1ea	Service Supervisor	—	175.00
P	CE200	1ea	Depth Charge 0-500'	—	1000.00
P	CE504	1ea	Plug Container	—	250.00

Discounted price plus taxes 6133.76

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Customer Chaffin Oil Co. Inc.	Lease No.	Date 5-28-08
Lease Matthews	Well # 2	
Field Order # 17710	Station Pratt	Casing # 8 5/8 24"
	Depth 333	County Barber
Type Job CNW-Surface 8 5/8"	Formation	State KS
		Legal Description S-33-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size # 8 5/8 24"	Tubing Size	Shots/Ft 275 sks 60/40 poz		Acid 1.16 gal		RATE	PRESS	ISIP
Depth 332	Depth	From 85%	To 37%	Pre Pad Calcium Chloride		Max		5 Min.
Volume 21.1	Volume	From 1/4"	To cells	Pad cell		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 315	Packer Depth	From	To	Flush 20 bbl		Gas Volume		Total Load

Customer Representative Lyle	Station Manager Dave Scott	Treater Steve Orlando
Service Units 27283 19840 19832 / 21010		
Driver Names Daleido Shantia Luchance		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30 AM					On location - Safety Meeting Run 8 JIs 8 5/8 24" casing Casing on bottom Break circulation with Rig
4:55	250		3	5	H2O Ahead
4:56	200		57	5	Mix 275 sks 60/40 poz @ 15.2 gal Shut Down Release plug
5:11	0		0	5	Start Displacement
5:15	150		20	5	Plug Down Job Complete
					Circulation thru Job Circulated 10 bbl cement to pit

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KCC WICHITA