

ORIGINAL

**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**

OPERATOR: License # 32119
Name: Northern Natural Gas
Address 1: 1111 South 103rd Street
Address 2: _____
City: Omaha State: NE Zip: 68124 + 1000
Contact Person: Daniel Dobbins
Phone: (402) 536-8003
CONTRACTOR: License # 34127
Name: Tomcat Drilling LLC
Wellsite Geologist: Frank S. Mize
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 Monitoring
(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.: _____
8/12/2009 8/24/2009 9/3/2009
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 151-22,338-00-00
Spot Description: NE/4
C NW SW NE Sec. 10 Twp. 27 S. R. 11 ☐ East ☒ West
1,655 Feet from ☒ North / ☐ South Line of Section
2,989 Feet from ☐ East / ☒ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☒ NW ☐ SE ☐ SW
County: Pratt
Lease Name: Henrichs Well #: 10-21
Field Name: _____
Producing Formation: Viola
Elevation: Ground: 1810 Kelly Bushing: 1820
Total Depth: 4530 Plug Back Total Depth: 4497
Amount of Surface Pipe Set and Cemented at: 8 5/8" @ 1635 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/ _____ sx cmt.

Drilling Fluid Management Plan A# I NR 10-5-09
(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: Crown Energy
Lease Name: 60 ac. in N/2 - NE/4 License No.: 09-14609
Quarter NE Sec. 4 Twp. 28 N S. R. 12 ☐ East ☒ West
County: Alfalfa 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.

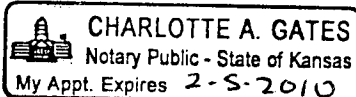
Signature: Daniel D. Dobbins

Title: Sr. Reservoir Analyst Date: 9-21-2009

Subscribed and sworn to before me this 21st day of September,
20 09.

Notary Public: Charlotte A. Gates

Date Commission Expires: 2-5-2010



KCC Office Use ONLY

N Letter of Confidentiality Received
☒ If Denied, Yes ☐ Date: _____
☒ Wireline Log Received - DAN F.
☒ Geologist Report Received
_____ UIC Distribution

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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Northern Natural Gas Lease Name: Henrichs Well #: 10-21
 Sec. 10 Twp. 27 S. R. 11 ☐ East ☒ West County: Pratt

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 ☒ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☒ Yes ☐ No Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No <i>(Submit Copy)</i> List All E. Logs Run: <u>CBL/GRN/ZDL/CN/SL/DAL/GR/HDIL/CBL/GRN</u>	☒ Log Formation (Top), Depth and Datum ☐ Sample <table style="width: 100%;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> <tr> <td>Heebner</td> <td>3444</td> <td>-1624</td> </tr> <tr> <td>Mississippian</td> <td>4105</td> <td>-2285</td> </tr> <tr> <td>Kinderhook Shale</td> <td>4170</td> <td>-2350</td> </tr> <tr> <td>Viola</td> <td>4314</td> <td>-2494</td> </tr> <tr> <td>Simpson Shale</td> <td>4410</td> <td>-2590</td> </tr> <tr> <td>Simpson Sand</td> <td>4429</td> <td>-2609</td> </tr> <tr> <td>Arbuckle</td> <td>4492</td> <td>-2672</td> </tr> </table>	Name	Top	Datum	Heebner	3444	-1624	Mississippian	4105	-2285	Kinderhook Shale	4170	-2350	Viola	4314	-2494	Simpson Shale	4410	-2590	Simpson Sand	4429	-2609	Arbuckle	4492	-2672
Name	Top	Datum																							
Heebner	3444	-1624																							
Mississippian	4105	-2285																							
Kinderhook Shale	4170	-2350																							
Viola	4314	-2494																							
Simpson Shale	4410	-2590																							
Simpson Sand	4429	-2609																							
Arbuckle	4492	-2672																							

CASING RECORD ☒ New ☐ 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
Conductor	17 1/2"	13 3/8"	54.5	250	Class A	325	2% cc, 1/4 pps celloflake
Surface	12 1/4"	8 5/8"	24	1635	A Common	585	3% cc, 1/4 pps celloflake
Production	7 7/8"	5 1/2"	15.5	4530	A Common & AA2	462	see tickets

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4314 - 4320	1000 gallons 15% HCL	4314 - 4320
TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4283</u> Packer At: <u>4276</u>		Liner Run: ☐ Yes ☒ No	
Date of First, Resumed Production, SWD or Enhr. <u>N/A</u>		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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September 23, 2009

Doug Louis, Director
Conservation Division
Kansas Corporation Commission
130 S. Market Street – Room 2078
Wichita, Kansas 67202

RE: Well Completion Form

Dear Mr. Louis:

Northern Natural Gas Company recently drilled the Henrichs #10-21 monitoring well in Pratt County. Northern will file, under separate cover, the following documents to comply with K.A.R. 82-3-130, K.A.R. 82-3-106(e)(1), and K.A.R. 82-3-107(d)(1):

- Original and two copies of Form ACO-1
- All wireline logs in LAS and image formats
- All drill stem test reports
- All cementing tickets
- Geological report
- Form CDP-4 for both monitoring wells

A copy of the ACO-1 form, geological report, drill stem tests, and paper copies of the logs were hand-delivered to Dan Fredlund September 22, 2009, to comply with the letter agreement between Northern and the Commission to supply this information within twenty days of the completion of the well.

If you have any questions, please contact me at (402) 536-8003.

Sincerely,

Dan Dobbins
Sr. Reservoir Analyst

cc: John McCannon
Mike Loeffler
Ann Rider
James Talcott

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WICHITA, KS



**10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201**

FIELD SERVICE TICKET

1718 0335 A

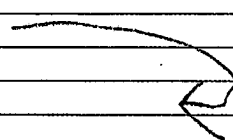
DATE TICKET NO. _____

DATE OF JOB 08-13-09		DISTRICT PRATT		NEW WELL ☒ OLD WELL ☐		PROD ☐ INJ ☐ WDW ☐		CUSTOMER ORDER NO.:		
CUSTOMER Northern Natural				LEASE Henricks		10-21		WELL NO.		
ADDRESS Basin Engineering				COUNTY PRATT		STATE KS				
CITY				STATE		SERVICE CREW Sullivan, Sheld, Phue, Kevin				
AUTHORIZED BY				JOB TYPE: CNN 13 3/8 conductor						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 08-12-09		DATE	AM PM	TIME
19959/20520	30 min					ARRIVED AT JOB 08-12-09		AM PM	5000	
19960/19918	30 min					START OPERATION 08-13-09		AM PM	1230	
						FINISH OPERATION		AM PM	0400	
						RELEASED		AM PM	0130	
						MILES FROM STATION TO WELL 12				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 100	Common cut	SK	325		
CC 102	Cellfak	LB	82		
CC 109	Calcium chloride	lb	612		
CC 131	Sugar	lb	200		
E 101	Heavy Egnit mltips	m.	30		
E 113	Bulk/No. 1	TM	230		
E 100	Picky mltips	mi	15		
CE 240	Blend - mixing chg	SK	325		
SC03	Scraper Saponina	EA	1		
CE 200	Depth Change 0-500	PA	1		
E 736	Flame Retardant Coveralls	EA	3		
Bill To 					

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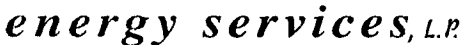
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CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		

Thank you

SERVICE REPRESENTATIVE <i>Robert J. Linder</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i> <i>RJ. Session</i> <i>13 Aug 09</i>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



TREATMENT REPORT

Customer <i>Northwestern Natural</i>		Lease No.		Date	
Lease <i>Hwy 21</i>		Well # <i>10-21</i>		<i>08-12-09</i>	
Field Order # <i>0335</i>	Station <i>Prairie</i>	Casing	Depth	County <i>Prairie</i>	State <i>KS</i>
Type Job <i>CNN 13 3/4 Conductor</i>			Formation	Legal Description <i>10-27-11</i>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 13 3/4	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 250	Depth	From	To	Pre Pad	Max		5 Min.
Volume 3.3	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection F.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 240	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative				Station Manager <i>DRIVE SCOTT</i>				Treater <i>Robert J. Hill</i>			
Service Units	<i>1890</i>	<i>11887</i>	<i>20910</i>	<i>1976</i>	<i>19919</i>	<i>1997</i>					
Driver Names	<i>30/60</i>	<i>5/6/60</i>		<i>Ph</i>		<i>K</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0800					ON loc Self mount.
					Runs 6 JTS 13 1/2" 4 1/2 Csg.
					42' 70' completion 100% sat.
2325					CIRKING AND BOTTOMS
2335					HOCK RY TO CIRC
1230	150		5	4	Stand 1 1/2" S. PUMP
			CE,	5	1 1/2" x CURT 3.25 wk comm.
1245	100			45	Stk 7 Disp.
0100			33	2	Pump down
					Completed 100% run to 2nd
					RECEIVED KANSAS CORPORATION COMMISSION SEP 04 2009 CONSERVATION DIVISION WICHITA, KS
					Thank you

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Taylor Printing, Inc. 620-872-3656



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P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 0338 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>08-15-09</u> DISTRICT <u>PRATT</u>				NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:			
CUSTOMER				LEASE <u>HENRICHS</u> 10-21 WELL NO.			
ADDRESS				COUNTY <u>PRATT</u> STATE <u>KS</u>			
CITY STATE				SERVICE CREW <u>Sullivan, Shields, Phyc, Motark</u>			
AUTHORIZED BY				JOB TYPE: <u>CNW 8 3/8 Surface</u>			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>08-15-09</u> DATE <u>08-15-09</u> AM <u>1145</u> TIME	
<u>19959/20920</u>	<u>1 hr 25 min</u>					ARRIVED AT JOB <u>08-15-09</u> AM <u>1130</u> PM	
<u>19960/19915</u>	<u>1 hr 25 min</u>					START OPERATION <u>08-15-09</u> AM <u>1450</u> PM	
<u>19831/19860</u>	<u>1 hr 25 min</u>					FINISH OPERATION <u>08-15-09</u> AM <u>1615</u> PM	
						RELEASED <u>08-15-09</u> AM <u>1645</u> PM	
						MILES FROM STATION TO WELL <u>15</u>	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-COW Blend cmt	SK	350		
CP 100	Common cmt	SK	23.5		
CC 102	Cell/Bake	lb	146		
CC 109	Calcium chloride	lb	1429		
CF 105	TOP Ribbon Plug 8-3/8	EA	1		
CF 253	guide shoe	EA	1		
CF 1453	INSONA Heat	EA	1		
CF 1753	Control zone	EA	10		
CF 1903	Basket	EA	1		
CF 3000	Thread Lxlc	EA	2		
CC 131	Sugar	lb	200		
E 101	Hegon Sand mil/gp	mi	45		
E 113	Bulk Delay charge	TWL	413		
E 100	Backup mil/gp	mi	15		
CE 240	Blending - mixing charge	SK	585		
SC03	Sealer Super sealer	EA	1		
CE 202	Depth charge 1001 - 2000'	EA	1		
CE 504	Play Continue Rental	EA	1		
E 736	Phone Retardant Coveralls	EA	4		

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WICHITA, KS

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT %TAX ON \$
MATERIALS %TAX ON \$

Thank you

SERVICE REPRESENTATIVE Robert Sullivan

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: R. J. Sessions
15 Aug 09

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer		Lease No.		Date	
Lease <i>HENRICH'S</i>		Well # <i>10-21</i>		<i>08-15-07</i>	
Field Order # <i>0335</i>	Station <i>PRATT</i>	Casing <i>8 7/8</i>	Depth <i>1040</i>	County <i>PRATT</i>	State <i>KS</i>
Type Job <i>cnw 8 7/8 Surface</i>			Formation	Legal Description <i>10-21-01</i>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>8 7/8</i>							
Depth	Depth	From	To	Pre Pad	Max		5 Min.
<i>1040</i>							
Volume	Volume	From	To	Pad	Min		10 Min.
<i>102</i>							
Max Press	Max Press	From	To	Frac	Avg		15 Min.
<i>300</i>							
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
<i>P.C.</i>							
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
<i>1347</i>							

Customer Representative _____ Station Manager *DAVE SEATH* Treater *Robert Sullivan*

Service Units	<i>19847</i>	<i>19859</i>	<i>20920</i>	<i>19960</i>	<i>19976</i>	<i>19831</i>	<i>19862</i>				
Driver Names	<i>Dallas</i>	<i>Shidd</i>		<i>Phye</i>		<i>Upatch</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1230</i>					<i>ON Loc. Solly meeting</i>
					<i>Run 39 JTS 8 7/8 "24 CS9</i>
<i>0150</i>					<i>CASING ON BOTTOM</i>
<i>0200</i>					<i>HOOK Rig circ CS9</i>
<i>0250</i>	<i>100</i>		<i>5</i>	<i>4</i>	<i>At 11" Spicor</i>
			<i>144</i>		<i>Shot mix cont 350 sk A-COWC "124 1/2" cont</i>
			<i>47</i>		<i>1 1/2 min Tail cont 235 sk come 15E 1/4" L</i>
					<i>Shot down a Release Plug</i>
<i>0335</i>	<i>130</i>		<i>5</i>	<i>5</i>	<i>At Degr</i>
<i>0350</i>	<i>200</i>		<i>70</i>		<i>Shot down a stage cont</i>
<i>0355</i>	<i>250</i>		<i>80</i>	<i>2</i>	<i>Pumped 10 BBL "1" down a stage</i>
<i>0400</i>			<i>80</i>		<i>Shot down a stage cont to PIT</i>
<i>0405</i>				<i>2</i>	<i>Resume pumping; Plug down</i>
<i>0415</i>	<i>500</i>		<i>102</i>		<i>Plug down</i>

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P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 0023 A

DATE _____ TICKET NO. _____

DATE OF JOB 8/26/09 DISTRICT PRATT KS		NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:	
CUSTOMER NORTHERN NATURAL GAS CO.		LEASE HENRICH'S WELL NO. 10-21	
ADDRESS		COUNTY PRATT STATE KS	
CITY STATE		SERVICE CREW KG, ROBBI, BOLT, DACE, MCCRAW	
AUTHORIZED BY		JOB TYPE: CNW - LONG STRONG	
EQUIPMENT#	HRS	EQUIPMENT#	HRS
19707		19826	
19867		19860	
19957		19960	
20920		19918	
TRUCK CALLED 8/25/09 AM 1700		ARRIVED AT JOB 8/25/09 AM 2030	
START OPERATION 8/25/09 AM 2200		FINISH OPERATION 8/26/09 AM	
RELEASED 8/26/09 AM		MILES FROM STATION TO WELL 15	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	A-CON CEMENT	287 SK			
CP105	AA2 CEMENT	107 SK			
CP101	A-CON CEMENT	175 SK			
CP100	COMMON CEMENT	90 SK			
CC102	CELLULASE	116 LB			
CC105	DEFORMER	26 LB			
CC109	CALCIUM CHLORIDE	1305 LB			
CC111	SALT	575 LB			
CC112	CFR	112 LB			
CC115	GAS BLOK	101 LB			
CC129	FLM-322	51 LB			
CC201	GILSONITE	535 LB			
CC154	SUPERFLUSH	500 GAL			
CC131	SILICA	250 LB			
CF401	5/2 TWO STAGE PAMPH COLLAR	1 EACH			
CF601	5/2 LATCH DOWN PLUG	1 EACH			
CF1251	5/2 API FLOW STOP	1 EACH			
CF1651	5/2 TURBULIZER				

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WICHITA, KS

CHEMICAL / ACID DATA:			

SUB TOTAL

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE K. GORNEY	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
---	---

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

1718

CONTINUATION

DATE _____

TICKET NO

0023A

DATE OF JOB 8/26/09 DISTRICT FRATT, Ks				NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:						
CUSTOMER NORTHERN NATURAL GAS CO.				LEASE HENRICKS WELL NO. 10						
ADDRESS				COUNTY FRATT STATE Ks.						
CITY				SERVICE CREW						
AUTHORIZED BY				JOB TYPE: CNW - LONGSTAKE						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF1901	5 1/2 CEMENT BUCKET	Z	GACH		
CF2001	5 1/4 RECIPROCATING SAWCHUCK	Z	GACH		
CF3000	THERMLOCK	Z	GACH		
CF561	5 1/2 STOP RING	S	GACH		
E101	TRUCK MILEAGE	60	miles		
E113	BULK DELIVERY	480	LBS TOL		
E100	PICKUP MILEAGE	30	miles		
CE240	RONDING CHARGE	65	%		
S003	SIGNATURE SUPERVISOR	7	HOURS		
CE205	PUMP CHARGE	1	HOUR		
CE504	FINE CONTAINER	1	DASH		
CE403	AIR CONDITIONER HOURS	4	HRS.		
E736	FLAME RETARDANT COVERALL	4	GACH		

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WICHITA, KS

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE <i>K. GARDNER</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
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FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer NNG	Lease No.	Date 8-25-09
Lease HENRICH	Well # 10-21	
Field Order # 0023A	Station PRATT, KS	Casing 5 1/2
Type Job CIUW - L.S.	Depth 4529	County PRATT
	Formation TD-4530	State KS
		Legal Description 10-27-11

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative JACKIE	Station Manager SCOTT	Treater GORDLEY
Service Units 19907 - 19867	19959-20920	19826-19860
Driver Names KG	ROBERT	BRADY
	MCGRAW	DALE

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1500					ON LOCATION
1700					RUN 4535' 5 1/2" IS. 5" (SG-113) JS
					RUN AFU FLOAT SHOE, LATCH
					RAFFLE IN 1ST COLLAR.
					24 RECIPROCATING SCRATCHERS
					ON ITS 3-4-5-6 - 6 EACH
					TURBOLIZERS ON MID #1 -
					COLLARS 3-5-7-9-11-13-16-
					19-22-25-28-31-34-37-
					40-43-46-49-52-55-58-61-
					64-67-70-73-76-79-82-85
					88-91-94-97-100-103-106-109
					40 TOTAL CHAMBER BUCKET - 68-69" 12
					DU TOOL - TOP 68' AT 1808'
					BREAK CIRC. 4 TIMES WHILE
					RUNNING CASING
					THE BOTTOM - DROP BALL -
					BREAK CIRC. - FOUND BOTTOM
					RECIPROCATING AND CIRCULATE
					FOR 2 HOURS

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TREATMENT REPORT

Customer NNG		Lease No.		Date	
Lease HENRICH		Well # 10-21		8-25-09	
Field Order # 0023A	Station PRATT, KS.	Casing 5 1/2	Depth 4529	County PRATT	State KS.
Type Job CWU-L.S.			Formation TD-4530	Legal Description 10-27-11	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 4529	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 4488	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative **JACKIE** Station Manager **SCOTT** Treater **CONLEY**

Service Units									
Driver Names									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					BOTTOM STAGE: 8/25/09
2200	300		12	6	Pump 12 bbl. SUPERFLUSH
	300		5	6	Pump 5 bbl. H₂O SPACER
	200		131	6	Pump 287 SK. A-COW CEMENT
					3% CC 1/4" / SK CEMENTFLAKE .3% CFR
					AT 12.02ppg, 2.57 cft/sk, 15.5 H₂O
	200		26	6	Pump 107 SK AA2 CEMENT
					10% SALT .3% CFR .25% DEFORMER
					.5% FLA-322 1% GIBBOK 5" / SK
					GILSONITE AT 15.3 ppg 1.37 cft/sk 5.7 H₂O
					STOP-WASH Pump & LINE CLEAN
					DROP LATCH DOWN PLUG
	0			6	STAG DISP. WITH H₂O
	600		67	6	STAG MUD DISP.
	1000		100	4	SLOW RATE
2305	1500		106.9	3	PLUG DOWN - HOLD
2310					DROP DU OPEN PLUG
2320	800				OPEN DU TOOL - 800"
					WIRE .4 Hours
					CIRC 5-10 bbl CEMENT
					TO PIT BETWEEN STAGES

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TREATMENT REPORT

Customer NNG		Lease No.		Date	
Lease HENRICH'S		Well # 10-21		8-26-09	
Field Order # 0023A	Station PRATT, Ks.	Casing 5 1/2	Depth 4529	County PRATT	State Ks.
Type Job CNW-L.S.			Formation TD-4530	Legal Description 1-27-11	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	JACQUE	Station Manager	SCOTT	Treater	GORDLEY
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[illegible]

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					TOP STAGE: 8/26/09
					DU TOOL AT 1808'
0330	200		10	5 1/2	PUMP 10 bbl. H ₂ O
	200		79	5 1/2	PUMP 175 SK. A-CON CEMENT 3% CC, 1/4" SK CELLFLOAK
					AT 12.0 ppg, 2.56 AFT/SK 15.4 H ₂ O
	200		19	5 1/2	PUMP 90 SK COMMON CEMENT 'A' 2% CC, 1/4" SK CELLFLOAK
					AT 15.6 ppg, 1.18 AFT/SK 5.2 H ₂ O
					STOP - DROP D.V. CLOSE PULC
	0		0	5 1/2	STAGE DESP. WITH H ₂ O
	500		40	3	SLOW RATE
0410	1500		43	3	PULC DOWN - D.V. CLOSED
					AT 1300'
					(CIRCULATE 25 bbl. CEMENT TO PIT - 55 SK A-CON CEMENT)
					JOB COMPLETE
					THANKS KIRVEN