

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

ORIGINAL

5/17/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34192

Name: New Gulf Energy, LLC

Address 1: 6100 S. Yale, Suite 2010

Address 2: _____

City: Tulsa State: OK Zip: 74136 +

Contact Person: Wink Kopczynski

Phone: (918) 728-3020

CONTRACTOR: License # 34190

Name: Vision Oil & Gas

Wellsite Geologist: Joe Baker

Purchaser: _____

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.: _____

1/16/10 1/31/10 3-2-10

Spud Date or
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 155-21555-00-00

Spot Description: _____

SW ^{NE} SE NW NW Sec. 4 Twp. 24 S. R. 9 East West

1150 407 Feet from North / South Line of Section

700 972 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Reno

Lease Name: Carlene Well #: 2

Field Name: Shuff Southwest

Producing Formation: Mississippi

Elevation: Ground: 1717.00 Kelly Bushing: 1727.00

Total Depth: 3811 Plug Back Total Depth: 3726

Amount of Surface Pipe Set and Cemented at: 254 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 AKINTS-2010
(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: _____

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: Jamie Leach

Title: Office Administrator Date: 5-17-10

Subscribed and sworn to before me this 17 day of May

20 10
Notary Public: Terrill Collette

Date Commission Expires: _____

TERRILL COLLETTE
Notary Public, State of Oklahoma
Commission # 08011835
My Commission Expires November 21, 2012

KCC Office Use ONLY

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

RECEIVED
MAY 18 2010
KCC WICHITA

Operator Name: New Gulf Energy, LLC Lease Name: Carlene Well #: 2
 Sec. 4 Twp. 24 S. R. 9 East West County: Reno

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: Triple Combo Log	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3120</td> <td>-1390</td> </tr> <tr> <td>Brown Lime</td> <td>3294</td> <td>-1564</td> </tr> <tr> <td>Lansing</td> <td>3323</td> <td>-1593</td> </tr> <tr> <td>BKC</td> <td>3668</td> <td>-1938</td> </tr> <tr> <td>Cherokee Shale</td> <td>3756</td> <td>-2026</td> </tr> <tr> <td>Mississippi Chert</td> <td>3787</td> <td>-2057</td> </tr> <tr> <td>Osage</td> <td>3810</td> <td>-2080</td> </tr> </table>	Name	Top	Datum	Heebner	3120	-1390	Brown Lime	3294	-1564	Lansing	3323	-1593	BKC	3668	-1938	Cherokee Shale	3756	-2026	Mississippi Chert	3787	-2057	Osage	3810	-2080
Name	Top	Datum																							
Heebner	3120	-1390																							
Brown Lime	3294	-1564																							
Lansing	3323	-1593																							
BKC	3668	-1938																							
Cherokee Shale	3756	-2026																							
Mississippi Chert	3787	-2057																							
Osage	3810	-2080																							

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	8.75	43.5	242		200	
Production	7	5.5	23	3784		150	

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				

RECEIVED
MAY 18 2010
KCC WICHITA

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>
4 shots/ft		44016 30/70 Slickwater Pad
		21300 30/70 Slickwater Frac
		6838 16/30 Slickwater Flush

TUBING RECORD:	Size: <u>2&3/8</u>	Set At: <u>3726</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		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>2.14</u>	Gas Mcf <u>0</u>	Water Bbls.	Gas-Oil Ratio

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3784-3815</u>
--	---	--

Customer NEW GULF ENERGY	Lease No.	Date 2-26-10			
Lease CARLENE	Well # 2				
Field Order # 1578A	Station PRATT	Casing 7"	Depth	County RENO	State KS
Type Job 15 TANK SLICKWATER FRAC N/W	Formation MISSI	Legal Description 4-245-9W			

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 7"	Tubing Size	Shots/Ft OPEN HOLE		Acid	RATE	PRESS	ISIP 832
Depth	Depth	From 3784	To 3815	Pre Pad	Max 51.4	1146	5 Min.
Volume 149.92	Volume	From	To	Pad 44016 GALLON SLICKWATER	Min 50.3	941	10 Min.
Max Press 3000	Max Press	From	To	Frac 213000 GALLON SLICKWATER	Avg 51	940	15 Min.
Well Connection 5/2	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 6838 GALLON SLICKWATER	Gas Volume		Total Load 6422

Customer Representative CLINT SEIDEL	Station Manager DAVE SCOTT	Treater M. BARBER / J. WESTERMAN
Service Units 21643 25632 19833 19844 19887 69082 19834 19847 19901 13423 20914 19957 25907 22029 19892 19864 19886 19906		
Driver Names JUSTIN MARK BOWEN JAMES VEACH EDMUNDO RAFAEL MITCH MAT CUSHING BROOKS		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30					ON LOCATION - SAFETY MEETING - SET UP
1:20	3487				PRIMS UP - PRESSURE TEST
1:24	57			33	START 44016 GALLON PAD
1:25	1095		34	8	HOLE LOADED
1:27	1000		68	23	ESTABLISH RATE
1:30	1045		250	52	INCREASE RATE
1:48	959		1048	51.2	START 17000 GALLON 1" 30/10
1:51	954		1198	51.4	1" 30/10 ON BOTTOM
1:56	976		1454	51.1	START 17000 GALLON 2" 30/10
1:59	980		1604	51.2	2" 30/10 ON BOTTOM
2:04	985		1863	51.3	START 17000 GALLON 3" 30/10
2:07	978		2013	51.3	3" 30/10 ON BOTTOM
2:12	978		2243	51.2	START 24000 GALLON 4" 30/10
2:15	974		3423	51	4" 30/10 ON BOTTOM
2:24	971		2855	51.1	START 24000 GALLON 5" 30/10
2:27	966		3005	51.1	5" 30/10 ON BOTTOM
2:35	964		3439	50.9	START 24000 GALLON 6" 30/10
2:38	952		3889	51	6" 30/10 ON BOTTOM
2:47	956		4026	50.9	START 24000 GALLON 7" 30/10
2:50	945		4176	51.1	7" 30/10 ON BOTTOM
2:58	947		4616	50.8	START 24000 GALLON 8" 30/10
3:01	944		4766	51.2	8" 30/10 ON BOTTOM

RECEIVED
MAY 18 2010
KCC WICHITA

Customer NEW GULLS ENERGY	Lease No.	Date 2-26-10
Lease CARLENE	Well # Z	
Field Order # 1578A	Station PRATT	Casing 7
	Depth	County RENO
Type Job 15 TANK SLICKWATER FRAC M/W	Formation MESSE	Legal Description 4-215-9W

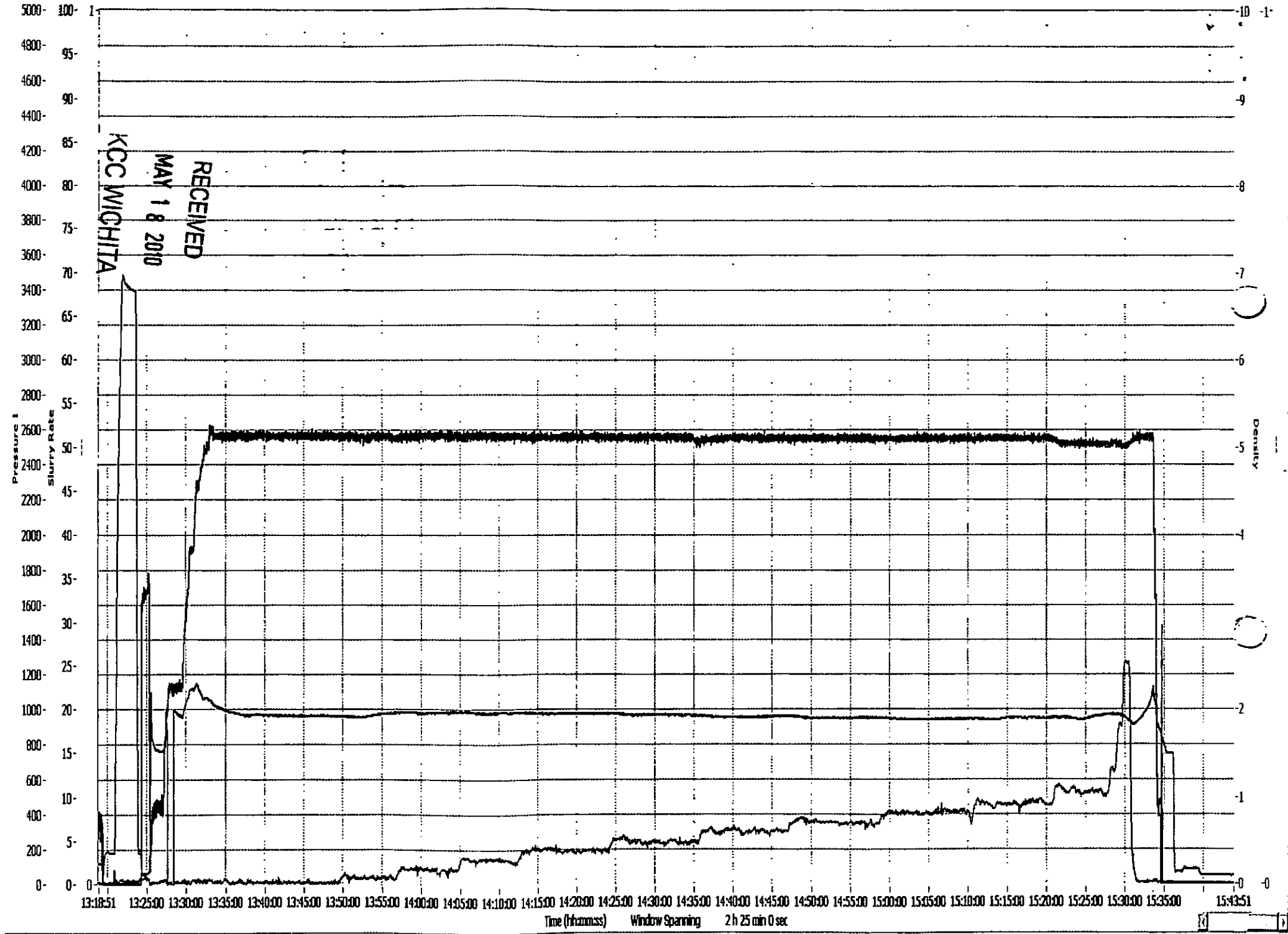
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 7"	Tubing Size	Shots/Ft OPEN HOLE		Acid		RATE	PRESS	ISIP 832
Depth	Depth	From 3784	To 3815	Pre Pad		Max 51.4	1146	5 Min.
Volume 199.92	Volume	From	To	Pad 44016 GALLON SLICKWATER		Min 50.3	941	10 Min.
Max Press 3000	Max Press	From	To	Frac 213000 GALLON SLICKWATER		Avg 51	970	15 Min.
Well Connection 5/2"	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 6838 GALLON SLICKWATER		Gas Volume		Total Load 6422

Customer Representative CLINT SEIDEL	Station Manager DAVE SCOTT	Treater M. BARBER / S. WESTERMAN
Service Units 14899, 19952, 19900, 19853, 19841, 21959, 19882, 21088, 19869		
Driver Names CHAD, JAKE, RYAN, CUSHING, SCOTT, HUCK		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:10	943		5208	50.9	START 21000 GALLON .9" 30/70
3:13	944		5358	51.2	.9" 30/70 ON BOTTOM
3:20	950		5729	51.1	START 15000 GALLON 1" 14/30
3:23	941		5879	50.3	1" 14/30 ON BOTTOM
3:27	968		6102	50.6	START 4000 GALLON 1 1/2" 14/30 RESIN COATED
3:29	959		6204	50.4	START 2000 GALLON 2" 14/30 RESIN COATED
3:30	959		6252	50.6	1 1/2" 14/30 RESIN ON BOTTOM
3:30	1012		6259	50.6	START 6837.6 GALLON FLUSH
3:32	1016		6354	50.6	2" 14/30 RESIN ON BOTTOM
3:34	1146		6422		SHUT DOWN JOB COMPLETED
	832				STEP

THANK YOU
PRATT FRAK CREW
JUSTIN
MARK

RECEIVED
MAY 18 2010
KCC WICHITA





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 1355 A

DATE _____ TICKET NO. _____

DATE OF JOB 1-19-10 DISTRICT Pratt, Ks.		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER NEW QUIF OPERATING, LLC		LEASE CARLENE WELL NO. 2								
ADDRESS		COUNTY RENO STATE Ks.								
CITY STATE		SERVICE CREW SULLIVAN, LESLEY, E.J. MCGRAW								
AUTHORIZED BY		JOB TYPE: CNW - 10 3/4 Surface								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19867							1-19-10			11:00
19889/19842	45	12.0				ARRIVED AT JOB				3:00
19831/19862	45	12.0				START OPERATION				19:50
						FINISH OPERATION				7:40
						RELEASED	1-19-10			7:50
						MILES FROM STATION TO WELL				25

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 CEMENT	SK	200		3,200.00
CC 102	CELLO-FLAKE	lb	50		185.00
CC 109	CALCIUM CHLORIDE	lb	376		394.80
CE 155	WOODEN CEMENT PLUG 10 3/4"	EA	1		200.00
CP 100	COMMON CMT	SK	75		1,200.00
E 101	HEAVY EQUIPMENT MILEAGE	MI	50		350.00
E 113	BULK DELIVERY CHARGE	TM	324		5,184.00
E 100	PICKUP MILEAGE	MI	25		106.25
CE 240	BLENDED SERVICE CHARGE	SK	200		385.00
S 003	SERVICE SUPERVISOR FIRST 8 HR. ON LOC.	EA	1		175.00
CE 200	DEPTH CHARGE; 0-500'	HR	1-4		1,000.00
CE 504	PLUG CONTAINER UTILIZATION CHARGE	UB	1		250.00
					RECEIVED
					MAY 18 2010
					KCC WICHITA

SUB TOTAL **4,380.45**

CHEMICAL / ACID DATA:			

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

Thank you

SERVICE REPRESENTATIVE <i>Robert Johnson</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer NEW GULF OPERATING	Lease No.	Date 1-19-10
Lease CARLENE	Well # 2	
Field Order # 1355 A	Station PRATT, KS.	Casing 10 3/4
Type Job NW 10 3/4 Surface	Formation	Legal Description 4-24-9
	Depth	County RENO,
		State KS.

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 10 3/4	Tubing Size	Shots/Ft	1011-20	Acid 20 SKS @ 1.18 CU/FT	3	RATE	PRESS	ISIP
Depth 254 77	Depth	From	To	Pre Pad	Max			5 Min.
Volume 23 1/2	Volume	From	To	Pad	Min			10 Min.
Max Press 300	Max Press	From	To	Frac	Avg			15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 239	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative ROBERT RODRIGUEZ	Station Manager DAVE SCOTT	Treater ROBERT SULLIVAN
Service Units 19867 19889 19842 19831 19862		
Driver Names SULLIVAN LESLEY	ED McPRAW	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00 PM					ON LOCATION - SAFETY MEETING.
					Run C JTS 10 3/4 40.50 CSQ
1920					CSQ ON BOTTOM
1940					Hook Rig Break cable
1950	150		5		At spacer
			42	5	mix 200 st comm 2% cc 1/4 lb cell/kk.
					Shut down Realse Plug
2010					Stay Dip
2020			23		Plug down
					good Returns NO CMT.
					ONE JTK w/ 20' ST.
				1 1/2	mix 75 st comm
2130			16		Shut down cmt to collar
					job complete

RECEIVED
MAY 18 2010
KCC WICHITA

Thank you

BASIC

energy services, L.P.

TREATMENT REPORT

Customer NEW GULF OPERATIONS	Lease No.	Date 1-28-10
Lease CHARLENE	Well # 2	
Field Order # 1242A	Station PRATT, KS.	Casing 7"
		Depth 3784'
Type Job CNW - LOWCSTRENG	Formation RTD-3783	County RENO
		State KS
		Legal Description 4-24-9

PIPE DATA		PERFORATING DATA		FLUID USED		LTD-3785 TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
7"							
Depth 3784'	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 3142'	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative ROBERTA	Station Manager SCOTT	Treater K. GORDLEY
---	---------------------------------	------------------------------

Service Units	19907	19903	19905	19832	21010	19831	19862
Driver Names	GORDLEY	WATKINS		NALL		MCCRAW	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0100					ON LOCATED ON RUN 3803' 7" 23 rd CSC - 91 JTS RUN GUIDE SHOE, AFEI FLOTT COLLA DROP BALL - BREAK CIRC. - TO BOTTOM CIRCULATE 1 1/2 HOURS
0700	300		12	6	PUMP 12 bbl. MUD FLUSH
	300		5	6	PUMP 5 bbl. H ₂ O SPACER
	250		160	6	MIX 445 SK A-COW CEMENT WITH 2% C.C., 2% CAS-SET, 2% METASOLITE, 3/4% CFR, 1/2% FLA-32 1/4" #1/2 CELL FLAKE AT 13.0 ppg 2.02 CF
	0	0	0	6	STOP PUMP - RELEASE PLUG
	300	60	60	6	START DISP. WITH H ₂ O
	900	140	4	4	CUGHT LIFT PSI SLOW RATE
0800	1500	147.8	4	4	PLUG DOWN - WAIT 30 MIN
0830	1600				CHANG PSI TO 1600#
0835	1800				PUMP PSI TO 1800# & SHUT IN
0900					RECEIVED MAY 18 2010 KCC WICHITA JOB COMPLETE THANKS - KEVIN

Customer <u>New Gulf</u>		Lease No.		Date <u>2-11-10</u>	
Lease <u>Car lease</u>		Well # <u>2</u>			
Field Order # <u>1358</u>	Station <u>Pratt</u>	Casing	Depth	County <u>Reno</u>	State <u>Ks</u>
Type Job <u>Acnw</u>	<u>Pump Packer Fluid</u>			Formation	Legal Description <u>4-24-9</u>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<u>7</u>	<u>2 7/8</u>						
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume <u>117</u>	Volume <u>22</u>	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 <u>3126</u>	From	To	Flush	Gas Volume		Total Load

Customer Representative <u>JIM</u>			Station Manager			Treater <u>MCF</u>		
Service Units	<u>19837</u>	<u>19894</u>						
Driver Names	<u>TIM</u>		<u>MORTON</u>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<u>1145 ON HHC</u>
					<u>Set up Hold Safety Meeting</u>
<u>1350</u>					<u>Start Packer Water</u>
<u>1412</u>		<u>100</u>	<u>46</u>	<u>2.5</u>	<u>Caught Press</u>
<u>1447</u>		<u>150</u>	<u>140</u>	<u>2.5</u>	<u>Hole Loaded</u>

RECEIVED
MAY 18 2010
KCC WICHITA

Thank You!

Joe M. Baker

Petroleum Geologist
401 E. Douglas Ste 525
Wichita, Kansas 67202
Ph: 316-253-9696(cell)
Fax: 316-263-8801-0480 E- Mail jbaker931@sbcglobal.net

2-1-2010

To: **New Gulf Operating, LLC**
6100 South Yale Ste 2010
Tulsa, Oklahoma 74136

Re: **# 2 Carlene**
407'FNL 972'FWL
Section 4-24S-9W
Reno County, Kansas

The # 2 Carlene was spud on 1/19/2010 and drilled to a rotary total depth of 3779' into the Mississippian Chert on 1/28/2010. . Alpha Oil Field Services mud logged the well from under surface to RTD. Geological samples and 1' drilling were taken starting at 3000' to RTD at 3779'. Schlumberger open-hole logs included a Compensated Neutron Lithodensity/GR Array Induction/Sp Linear Correlation/GR and LTD was 3785'. Casing (7") was set approximately 1' off bottom. The well was then deepened using airform to 3811' ~ 29' into the Mississippian Chert formation w/ geological supervision. A gamma log w/ collar locator was ran through drill pipe as well as through casing which showed drilling TD at 3811' and pipe set at 3787' and the top of the Mississippian at 3782'.

Mississippian Chert Sample Analysis (E-log Depths)

3782-3808 " Upper High Porosity Zone"

Chert white- tan some 50% w/ good saturated dark brown stain. Good weathered tripolitic porosity w/ good shows live free oil and excellent show of gas, 46 unit gas kick on gas detector. Dull spotty fluorescence ~ 50% of samples. No odor.

3806-3810 " Breccia Zone/ 2nd Unconformity"

Shale gray light green, mushy soft, chalky w, some chert white /tan fair pinpoint and vuggy porosity. Good shows free oil & gas, slight odor dull scat fluorescence.

Osage Chert (Not on log)

Chert, white, tan, varicolored, clear, sub-translucent-opaque mostly dense, fresh. 20% w/ slight to fair weathered porosity at edges, slight show free oil & gas, dark black residual stain, few gas bubbles, no odor

Air samples carried slight odors but it was hard to differentiate from Ammonia smell in foam system

Mississippian Chert Overview:

The # 2 Carlene at the Cherokee Shale is structurally flat to the # 1 Carlene. The clean top of the Mississippian Chert in the # 2 is also flat to 1 foot low but it appears that the total thickness of the upper porosity bench is 21' compared to ~ 14' in the # 1.

There were no significant shows or gas kicks in the upper hole except for a very slight show of oil in the Lansing at 3350-60 and 3400-3410. Open- hole logs confirmed that these shows were in significant

Respectfully Submitted

Joe M. Baker /Geologist

RECEIVED
MAY 18 2010
KCC WICHITA