Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1338857

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	_   API No. 15						
Name:	Spot Description:						
Address 1:	SecTwpS. R 🗌 East 🗌 West						
Address 2:	Feet from North / South Line of Section						
City: State: Zip: +	Feet from _ East / _ West Line of Section						
Contact Person:	Footages Calculated from Nearest Outside Section Corner:						
Phone: ()	□NE □NW □SE □SW						
CONTRACTOR: License #	GPS Location: Lat:, Long:						
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)						
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84						
Purchaser:	County:						
Designate Type of Completion:	Lease Name: Well #:						
New Well Re-Entry Workover	Field Name:						
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):  If Workover/Re-entry: Old Well Info as follows:  Operator: Well Name: Original Comp. Date: Original Total Depth:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.						
□ Deepening       □ Re-perf.       □ Conv. to ENHR       □ Conv. to SWD         □ Plug Back       □ Conv. to GSW       □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)						
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:						
Dual Completion Permit #:							
SWD         Permit #:	Location of fluid disposal if hauled offsite:						
GSW Permit #:	Operator Name:						
	Lease Name: License #:						
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec.         TwpS. R East West           County:         Permit #:						

#### **AFFIDAVIT**

I am the affiant and I hereby certify that 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.

**Submitted Electronically** 

KCC Office Use ONLY									
Confidentiality Requested									
Date:									
Confidential Release Date:									
Wireline Log Received									
Geologist Report Received									
UIC Distribution									
ALT I II III Approved by: Date:									

1338857

Operator Name:			Lease Name: _	Well #:				
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t Final Radioactivity Lo	ving and shut-in pressu o surface test, along w ng, Final Logs run to ob	ormations penetrated. It is presented, it final chart(s). Attach tain Geophysical Data ar newer AND an image	essure reached stati extra sheet if more and Final Electric Lo	c level, hydrosta space is neede	atic pressures, d.	bottom hole tempe	erature, fluid recovery,	
Drill Stem Tests Taker (Attach Additional		☐ Yes ☐ No		og Formatio	on (Top), Depth	n and Datum	Sample	
Samples Sent to Geo	,	Yes No	Nam	е		Тор	Datum	
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
			RECORD Ne		ion etc			
Durage of Chrise	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent	
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives	
		ADDITIONAL		 				
Purpose:         Depth Top Bottom           Perforate         Protect Casing           Plug Back TD         Protect		Type of Cement	# Sacks Used	Type and Percent Additives				
Plug Off Zone								
Does the volume of the t	•	n this well? aulic fracturing treatment ex submitted to the chemical	. •		No (If No	skip questions 2 and skip question 3) fill out Page Three (		
Shots Per Foot		N RECORD - Bridge Plug ootage of Each Interval Per		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)				
	ороспу г	<u> </u>		(>	a.ra.ra.ra	- Material Coody	Depth	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes	No		
Date of First, Resumed	Production, SWD or ENF	IR. Producing Met		Gas Lift (	Other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er B	bls.	Gas-Oil Ratio	Gravity	
DIODOCITI	ON OF CAS:		METHOD OF COMPLE	TION		DDODUOTIO	ONLINITED VAL.	
Vented Solo	ON OF GAS:	Open Hole		Comp. Cor	mmingled	PRODUCTIC	ON INTERVAL:	
	bmit ACO-18.)	Other (Specify)	(Submit )	ACO-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion
Operator	Carrie Exploration & Development, LLC
Well Name	PEACE CREEK C-5
Doc ID	1338857

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.675	20	241	Common	225	3% CaCl
Production	7.875	5	15.5	3778	60/40 POS		2%gel 10% Salt

& Cement

**POST OFFICE BOX 438** HAYSVILLE, KS 67060 (316) 524-1225 (316) 524-1027 FAX

Invoice

Page: 2

, KS 5161 463-2104

(620) 793-3366 FAX (620)

INVOICE NUMBER: C44434-IN

**BILL TO:** 

**CARRIE EXPLORATION** & DEVELOPMENT, LLC 1611 COPPER CREEK CT. HAYS, KS 67601

LEASE: PEACE CREEK C-5

		0.41.503441	ORDER DATE	PURCHASE OF	RDER	SPECIAL INSTRUCTIONS		
DATE	ORDER	SALESMAN	11/08/2016			NE	Т 30	
11/14/2016	C44434		<u> </u>		D/C	PRICE	EXTENSION	
QUANTITY	U/M	ITEM NO./DI	ESCRIPTION					
394.80	MI	BULK TRUCK - '	TON MILES		20.00	1.10	347.42	
						,		
REMIT TO:			COP			Net Invoice:	7,342.42	
P.O. BC	0X 438 ILLE, KS 67060	FUEL SURCHA MILEAGE, PU	FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		RENCO Sales Tax: Invoice Total:		7,444.82	
RECEIVED BY			NET 30 DAYS					

LEASE: PEACE CREEK C-5

**Acid & Cement** 

**POST OFFICE BOX 438** HAYSVILLE, KS 67060 (316) 524-1225 (316) 524-1027 FAX

BURRTON, KS | GREAT BEND, KS (620) 463-5161 FAX (620) 463-2104

(620) 793-3366 FAX (620)

**INVOICE NUMBER:** C44434-IN

**BILL TO:** 

**CARRIE EXPLORATION** & DEVELOPMENT, LLC 1611 COPPER CREEK CT. HAYS, KS 67601

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE O	RDER	SPECIAL I	NSTRUCTIONS
11/14/2016	C44434		11/08/2016			N	NET 30
QUANTITY	U/M	ITEM NO./DE	ESCRIPTION		D/C	PRICE	EXTENSION
35.00	MI	MILEAGE CEME	NT PUMP TRUCK		20.00	4.00	112.00
35.00	МІ	MILEAGE PICKU	IP TRUCK		20.00	2.00	56.00
1.00	EA	PUMP CHARGE	- LONG STRING	,	20.00	1,600.00	1,280.00
225.00	SK	60/40 POZ 2% G	EL MIX		20.00	10.75	1,935.00
100.00	LB	C-37			20.00	4.00	320.00
150.00	LB	C-41P			20.00	3.75	450.00
50.00	LB	FLUID LOSS C-1	2		20.00	6.00	240.00
1,300.00	LB	SALT			20.00	0.25	260.00
1,150.00	LB	GILSONITE		i	20.00	0.75	690.00
600.00	GAL	MUD FLUSH			20.00	0.75	360.00
5.00	EA	TURBO-CENTRA	ALIZER		20.00	85.00	340.00
2.00	EA	BASKET			20.00	155.00	248.00
1.00	EA	5 1/2" FLOAT SH	OE W/AUTO-FILL		20.00	355.00	284.00
1.00	EA	LATCH DOWN P	LUG & BAFFLE		20.00	175.00	140.00
280.00	EA	BULK CHARGE	BULK CHARGE			1.25	280.00
							Continued



# FIELD ORDER Nº C 44434

## BOX 438 • HAYSVILLE, KANSAS 67060

	CITICITE	316-524-1225	16	20
ORIZE	ED BY:	rric Explanation (NAME OF CUSTOMER)	State	
ACC		CityCusto		<del></del>
Treat Well	Decer	Well No. (-5 Custo	mer order tree	
		County & Cod		
Sec. Twp. Range		Levido is to service or treat at owner	S risk, the nerembersion	nation everessed of
not to be new his implied, and no	representations ha	ave been relied on, as to what may be the results to ellost will be charged after 60 da e no discount allowed subsequent to such date. 6% interest will be charged after 60 da dance with latest published price schedules. Imself to be duly authorized to sign this order for well owner or operator.	ys. Total charges are s	ition of said service of ubject to correction by
THIS ORDER MU	IST BE SIGNED IS COMMENCED_	Well Owner or Operator	Agent	
BEFORE WORK	IS COMMENCED_	DESCRIPTION	UNIT COST	AMOUNT
CODE	QUANTITY		y 0001	140,00
2	35	milesse pump truck	7.00,	70,00
2	35	milece Dicky)		1,600,00
2	1	Auny Charge - Long String	10.751	2,418.75
2	775	60/40 par 70% set.	4.001	400,00
2	100)#	(-37	3,751	\$67.50
2	150 4	C-41p	6.001	300,00
2	50 4	C-17	25	325.00
2	1,300	Scit	.75	867.50
2	1,150	Gilson de	75	450.00
2	600	Mud-flush	35	425.00
2	5	Turbo Controlizes	155,00	310.00
2	7	Bistets		355.00
2	١	51/6" flood Shar wil autor fill		175.00
2	1	leich down plant belle	75/	350,00
2	780	Bulk Charge	Licy	५३५,१४
2		Bulk Truck Miles 11.28 T x 35 = 394 & T = X 1.		9,178,0
		Process License Fee onGallons TOTAL BIL	LING 70 %	1,835.61
mann	er under the ai	ve material has been accepted and used; that the above service was irection, supervision and control of the owner, operator or his agent, to	parformed in a go	nd and workmanli
Copel	and Representa	ative Method Wi	• •	
		₩ell O	wner, Operator or Agent	
Rema	arks	NET 30 DAYS		

#### TREATMENT REPORT

									Acid Stage N	o	
					Type Treatment:	Amt.		Type Fluid	Sand Size	Pound	ds of Sand
	,	istrict G.B.	F.O. N	o. C44434	Bkdown						
		tion			<b> </b>						
	ıce C	reek C-5			<b>_</b>						
			Field		_						
	٥		State KS								
					Treated from			ft. to		No. ft. No. ft.	
				Set atft.	from from			ft. to		_	0
ion:			Perf.								Bbl./Ga
tion:				to	Actual Volume of Oil	/ water to	road He	uie.			551./5
tion:			Perf.		1,	lo 11=- 1	;+d	365 ~		Twin	
Size			Top atft.		. Pump Trucks. No				327	. vy1(1	
	L		rom		. Auxiliary Equipment . Personnel Nathan						
;: Si		rom			. Personnel Natrian	6 IVI	_ ,-\a				
	Perforated fi	. 5411	ft. to	ı	Plugging or Sealing N	Materiale:	Type				
u-'	ne.	T.D.	ft. P.	B, to ft			. 100		Gal	s	
Hole Si	1/4	1.0.	it. P.								
anv Pr	epresentative		Ron H	,	Treater	_		Nathar	1 W.		
E E	<u> </u>	SURES	T			P	EMARKS	ş			
o.m.	Tubing	Casing	Total Fluid Pumped						<del></del>	<del></del>	
		5.5"		On Location. Ru	un float equip	oment.					
1											
_											
一				TD-3788'							
				5.5"-3785'				3,5,8,9			
丁				Baffle-3743'	Bac	ckets-1	,5				
一											
丁				Run pipe in wel	I. Tag 39' hig	h. Att	empt	t to establis	n circulat	ion. H	ad to
丁				pull 1jt. Establi	sh circulation	n. Circu	ılate	pipe back o	iown thru	i tight s	spots.
ightharpoonup											
$\dashv$				Pump 600gal m	ud flush.						
1										<u> </u>	<del>- : -</del>
_				Mix 225sks 60/	40poz 2%gel	.5% C-	12 .2	25% C-37 .7	/5% C-41 <sub> </sub>	p 12%	Salt
				5#/sk Gilsonite.							
7				Wash out pump	o and lines. R	Release	plug	<del>3</del> .		·····	
7											
				Displace with 9			‡ Plu	ig landed at	900#		
				Released pressi	ure. Float he	ld.			· · · · · · · · · · · · · · · · · · ·		
$\Box$											
$\dashv$				Thank You!							
$\exists$											
$\dashv$	····			Nathan W.							
$\dashv$	·										
+											
_											
-+		<del> </del>	+								

**Acid & Cement** 

**POST OFFICE BOX 438** HAYSVILLE, KS 67060 (316) 524-1225 (316) 524-1027 FAX

Invoice

Page: 1

BURRTON, KS | GREAT BEND, KS (620) 463-5161 FAX (620) 463-2104

(620) 793-3366 FAX (620)

**INVOICE NUMBER:** C44430-IN

**BILL TO:** 

LEASE: PEACE CREEK C-5

**CARRIE EXPLORATION** & DEVELOPMENT, LLC 1611 COPPER CREEK CT. HAYS, KS 67601

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE (	ORDER	SPECIAL	INSTRUCTIONS
11/14/2016	C44430		11/04/2016				NET 30
QUANTITY	U/M	ITEM NO./DE	SCRIPTION		D/C	PRICE	EXTENSION
40.00	МІ	MILEAGE CEME	NT PUMP TRUCK		20.00	4.00	128.00
40.00	МІ	MILEAGE CEME	NT PICKUP TRUCK		20.00	2.00	64.00
1.00	EA	CEMENT PUMP	CEMENT PUMP CHARGE - SURFACE			1,100.00	880.00
225.00	SK	COMMON CEME	NT		20.00	12.75	2,295.00
13.00	SK	CALCIUM CHLO	RIDE		20.00	30.00	312.00
238.00	EA	BULK CHARGE			20.00	1.25	238.00
436.00	МІ	BULK TRUCK - T	BULK TRUCK - TON MILES			1.10	383.68
						,	
REMIT TO: P.O. BOX	<b>438</b>		СОР			Net Invoice:	4,300.68
	.E, KS 67060	FUEL SURCHARGE MILEAGE, PUMP A	EIS NOT TAXABLE AND S AND OR DELIVERY CHA	IS ADDED TO RGES ONLY.	RENC	•	70.40
RECEIVED BY			IET 30 DAYS		Invoice Total:		4,371.08
·		NET 30 DAYS					



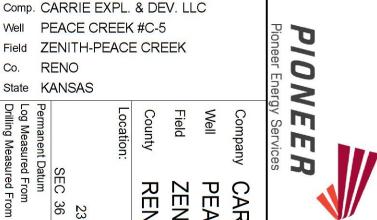
# FIELD ORDER Nº C 44430

#### BOX 438 • HAYSVILLE, KANSAS 67060 316-524-1225

		J	10-524			ما	
10 41171101	01750 011				DATE 11 4	110	20
IS AUTHOR	RIZED BY:	Corrie Exploration	(NAME OF	CUSTOMER)			
Address		(	Dity			State	
To Treat We As Follows:	ell : Lease <u>₽cc</u>	ce Creek v	Veil No.	(-5	Custom	er Order No	
Sec. Twp. Range		_		0		or Order 140	1
CONDITIONS			ounty _	K Par O		State _	RS
implied, and n treatment is po our invoicing o The unders THIS ORDER N	to representation ayable. There w department in ac signed represen	e consideration hereof it is agreed that Copela amage that may accrue in connection with sains have been relied on, as to what may be the will be no discount allowed subsequent to such accordance with latest published price schedule ts himself to be duly authorized to sign this or	results of	or effect of the servi interest will be ch	eland Acid Service cing or treating said arged after 60 days.	nas made no rep	resentation, expressed
BEFORE WOR	K IS COMMENCE	DWell Owner or Op			By		
CODE	CHANTITY					Agen	
CODE	QUANTITY	C	ESCRI	PTION		UNIT	AMOUNT
2	40	milecuse pump to	uck		71 11	4.001	160,00
2	<u>40</u>	milerese pictup				7.001	80.00
2	1	Pump Charge - Sur	Core				1,100.00
2	225					731	
2	13	Common				17.751	2,882,75
		(claim Chlaride				30 ac.	390.00
2	238	Bulk Charge				, 25%	297.50
2				( 7 ) (6)	,	11.	390,00
		Bulk Truck Miles 10.9 T x 40 m	<u> </u>			1,10/	479.60
		Process License Fee on		Gallo			5,375,85
Location					TAL BILLING		
		material has been accepted and use ction, supervision and control of the	owner,	the above serv operator or his	ice was perform agent, whose si	gnature appe	ars below.
Copeland I	Representativ	e Netre- W,				-20	° 1075,11
Station_C				P	on H.		#4300.68
Remarks_					Well Owner, Operat	or or Agent	
		NF.	T 30 F	2ΛΛ			

#### TREATMENT REPORT

								Acid Stage No	). 	
					Type Treatment:	Amt.	Type Fluid	Sand Size	Pound	s of Sand
11	/4/2016	District G.B.	F.O. N	lo. C4 <b>44</b> 30	Bkdown					
	arrie Explo									
Name l	& No. Peace	Creek C-5				Bbl./Gal.				
ion			Field			Bbl./Gal.				
ty R	leno		State KS		Flush	Bbl./Gal.		~ <del>~~~</del>		
	· · · · · · · · · · · · · · · · · · ·				Treated from	ft	. to	ft.	No. ft.	0
g:				Set <b>at</b> ft.	i		. to	ft.	No. ft.	0
ation:	<del></del>			to	from		, to	ft.	No. ft.	0
ation:	***************************************		Perf.	to	Actual Volume of Oil /	Water to Load Hole	:			Bbl./Gal.
ation:			Perf.	to						
Size	Туре	& Wt	Top atft.	Bottom atft.	Pump Trucks. No.	Used: Std			Twin	1-111-1-111-1
Ce	emented: Yes	▼ Perforated for	rom		Auxiliary Equipment			327		
ng: S	ize & Wt.				Personnel Nathan-	Greg-Mike				
	Perforated	from	ft. to	ft.	Auxiliary Tools					***************************************
					Plugging or Sealing Ma	sterials: Type				
Hole S	ize	T.D.	ft. P.	B. toft.				Gals.		lb.
pany R	epresentative		Ron H		Treater		Nathan	W.		
ME	PRE	SSURES	Total Fluid Pumped		3.00.	REMARKS				
/p.m.	Tubing	Casing								
2		8 5/8"		On Location.	Rig drilling sur	face hole.	· · · · · · · · · · · · · · · · · · ·		<del> </del>	
							·····	****		
	····									
				Hole-240'						
				Pipe-234'						<del></del>
				Break circulation	n with truck.					
				Mix 225sks Com	nmon 3% C <mark>alci</mark>	um Chloride	at 15.6#/	gal.		
						- 1				
				Displace with 12	2.75bbls at 3b <sub>l</sub>	pm-200# Ci	rculated c	ement to	surfac	e.
							****			
				Thank You!						
				Nathan W.						
								.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
十							•			
+										
1										
$\dashv$										
<del></del>		<del> </del>								



GAMMA RAY NEUTRON LOG

Company CARRIE EXPL. & DEV. LLC RENO PEACE CREEK #C-5 ZENITH-PEACE CREEK 36 2310' FNL & 330' FWL KELLY BUSHING GROUND LEVEL Elevation 1733' KELLY BUSHING 6' **WN WS WS TWP 22S** API #: 15-155-21741-00-00 RGE 10W State KANSAS Above GL OP P. F. B.

Other Services

PERF

All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

1739' N/A

Surface Casing Production Casing

Liner Record

Tubing Record

8.625"

5.5

23# 15.5#

88

7D 225

<<< Fold Here >>>

Top

Bottom

Size

RON HERALD

MARTIN

0.288 COLBY

Witnessed By

Recorded By

Location

Wireline Size

Unit Number

Estimated Cement Top

Wellhead Connection

Max. Recorded Temperature

113 DEG F

NA

00 PSI

2310'

N

106

Max. Wellhead Pressure

Fluid Level

Type Fluid

WATER

FULL

7.875"

3756' 3755' 3754' 3450'

Fluid Density

Open Hole Size

Bottom Log Interval
Top Log Interval

Depth Driller or PBTD
Depth Logger

Run Number

Date of Service

2/19/2016

#### Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

ALDEN, KS, S ON N LANGDON RD TO W 56TH AVE, 2 W, 1/2 S, 1/2 W TO TREE LINE, 1/2 S, SW TO LOCATION

LOG RAN WITH 00 PSI SURFACE PRESSURE

### THANK YOU FOR USING PIONEER ENERGY SERVICES!

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: T. MARTIN		
Operator: C. SCHOENROGGE		
Operator:		
Operator:		



# Log Variables Database C:\Program Data\Warrior\Data\carrie.db Dataset field/well/GRN/pass 2.1/\_vars\_

om

			iop -	Dottom			
NPORSHIFT	NPORSEL	PPT usec	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft	SRFTEMP degF
0	Limestone	0	15.5	0	1	0.8	25
CASETHCK in 0.275	CASEOD in 5.5	PERFS 0	TDEPTH ft 3755	BOTTEMP degF 113	BOREID in 7.875		



### MAIN LOG

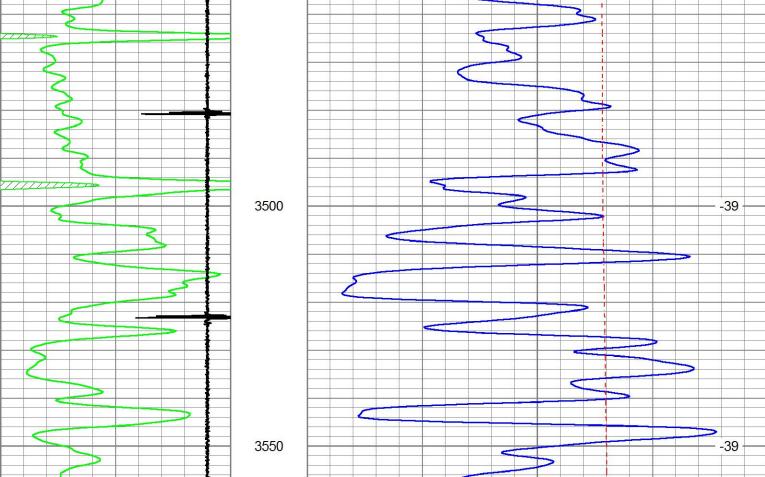
#### Zero PSI APPLIED AT SURFACE

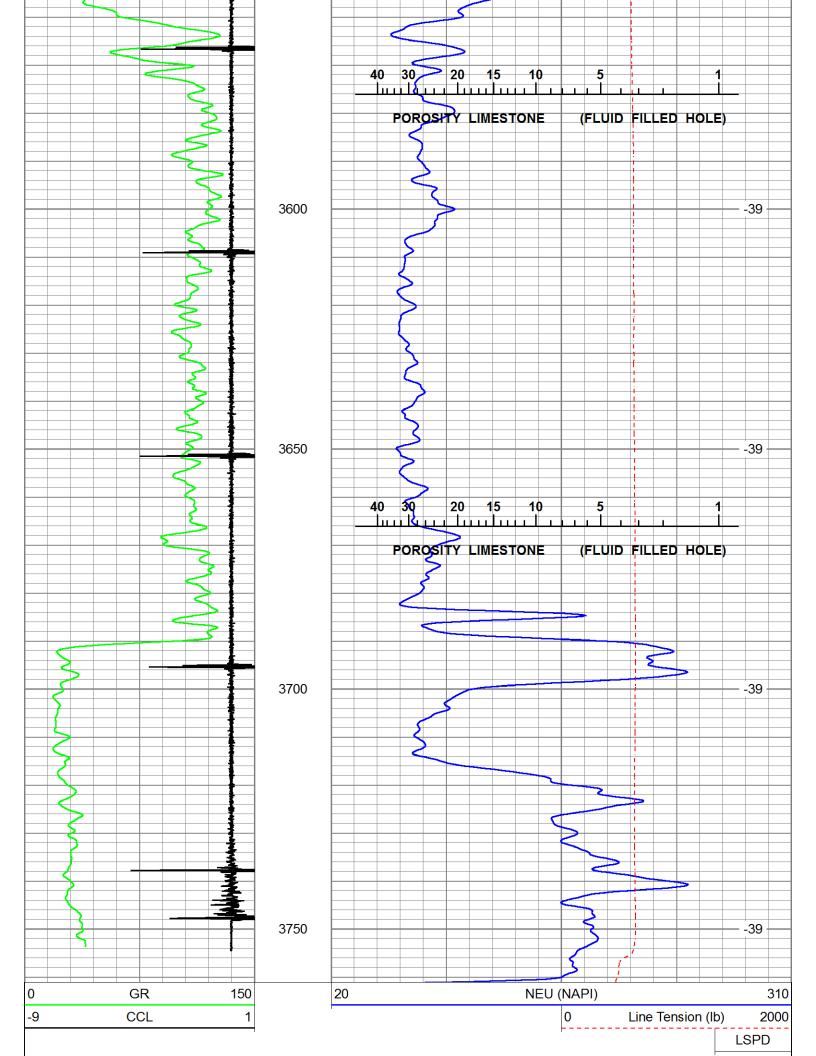
Database File car Dataset Pathname GF Presentation Format PII

carrie.db GRN/pass2.1 PINR\_N~1

Dataset Creation Mon Dec 19 12:13:28 2016 Charted by Depth in Feet scaled 1:240

0 GR 150 -9 CCL 1 0 Line Tension (lb) 2000 LSPD





Calibration Report

Database File carrie.db Dataset Pathname GRN/pass2.1

**Dataset Creation** Mon Dec 19 12:13:28 2016

**Neutron Calibration Report** 

Serial Number: ProbeNEU1 Tool Model: **PRNEU** 

Performed: (Not Performed)

Calibrator Value: NAPI

Calibrator Reading: 1 cps

Sensitivity: 1 NAPI/cps

Gamma Ray Calibration Report

111032 Serial Number: Tool Model: 2 3/4" Probe Performed: (Not Performed)

Calibrator Value: 1.0

Background Reading: 0.0 cps Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 /cps



Pioneer Energy Services

Company CARRIE EXPL. & DEV. LLC

Well PEACE CREEK #C-5

Field ZENITH-PEACE CREEK

County **RENO** State KANSAS