Confidentiality Requested:

Yes No

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

1239150

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:  Elevation: Ground: Kelly Bushing:  Total Vertical Depth: Plug Back Total Depth:  Amount of Surface Pipe Set and Cemented at: 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:

ge Two		
gorno	1239150	

Operator Name:			Lease Name:			_ Well #:	
Sec Twp	S. R [	East West	County:				
INSTRUCTIONS: Sho open and closed, flowing and flow rates if gas to Final Radioactivity Log files must be submitted	ng and shut-in pressur surface test, along wit , Final Logs run to obt	res, whether shut-in pr th final chart(s). Attact ain Geophysical Data	essure reached stati h extra sheet if more and Final Electric Lo	c level, hydrosta space is needed	tic pressures, bo d.	ttom hole tempe	erature, fluid recovery,
Drill Stem Tests Taken (Attach Additional St	heets)	Yes No	L	og Formatic	on (Top), Depth a	nd Datum	Sample
Samples Sent to Geold	ogical Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD □ Ne	w Used			
			-conductor, surface, inte		ion, 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
		ADDITIONA	L CEMENTING / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and I	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone							
-							
Did you perform a hydraul Does the volume of the to Was the hydraulic fracturing	tal base fluid of the hydra	ulic fracturing treatment e	=		No (If No, sk	ip questions 2 ar ip question 3) l out Page Three	
vvas trie riyaradile riacidiri					cture, Shot, Cemen		
Shots Per Foot		N RECORD - Bridge Plu otage of Each Interval Pe			mount and Kind of M		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed F	Production, SWD or ENHF	R. Producing Me		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bb	ols. Gas	Mcf Wate	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Sold	Used on Lease	Open Hole	Perf. Dually (Submit )		mmingled mit ACO-4)		
(If vented, Subi	mit ACO-18.)	Other (Specify) _			—		

Form	ACO1 - Well Completion
Operator	Chisholm Partners II, LLC
Well Name	Nighswonger 9-1
Doc ID	1239150

## All Electric Logs Run

DIL	
DUCP	
Micro	
Sonic	

Form	ACO1 - Well Completion
Operator	Chisholm Partners II, LLC
Well Name	Nighswonger 9-1
Doc ID	1239150

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.2500	8.6250	23	262	Common	3% CC 2% Gel



#### QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

Date	11/19/2014
nvoice #	978

P.O.#

Due Date: 12/19/2014 Division: Russell

# Invoice

WELL:	N 1 CM 51	HOLM ひつうぐと <sup>い</sup>	9-1
AFE:	00	4	
CODE:	UTWI	216	
P.O.:			
DATE:	12-1	1-14	1/
SIGNATU	JRE:	Q4/8	Wile.

wildthouse

Contact:

C<del>LUSHOL</del>M PARTNERS **₡** LLC

Address/Job Location:

CHICHOEM PARTNERS II, LLC

300 N CEDAR SUITE 101

ABILENE KS 67410

Reference:

**NIGHSWONGER 9-1** 

Description of Work:

SURFACE JOB

Services / Items Included:	Quantity		Price	Taxable	Item	Quantity		Price	Tax
Labor	200 2000	\$	1,020.55	No					
Common-Class A	160 36	\$	2,950.59 401.55	Yes No					
Pump Truck Mileage-Job to Nearest Camp	36 166	\$	375.53	No No					
Bulk Truck Matl-Material Service Charge Calcium Chloride	5	\$	311.04	Yes					
Bulk Truck Mileage-Job to Nearest Bulk Plant	36	\$	234.97	No					
Premium Gel (Bentonite)	3	s	54.59	Yes					
Invoice Te <u>rms:</u>						SubTotal:	\$	5,348.81	
Net 30			Disco	unt Availab	le <u>ONLY</u> if Invoice is F	Paid & Received	\$	(802.32	١
				100	within listed t	terms of invoice:	Ψ	(002.02	, _
					SubTota	I for Taxable Items:	\$	2,818.78	
					SubTotal for I	Non-Taxable Items:	\$_	1,727.71	_
						Total:	\$	4,546.49	
				7.40% Grah	am County Sales Tax	Tax:	\$_	208.59	
Thank You For Your Business	!					Amount Due:	\$	4,755.08	i)
					Арр	olied Payments:			
						Balance Due:	\$	4,755.08	

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Date II-/9-/9 Sec. Typ. Range County State On Location Finish Gride II-/9-/9 Sec. Typ. Range Country KS Contractor Gride II-/9-/9 Sec. Typ. Location II-/9-/9 KS Contractor Gride II-/9-/9 KS Country Owner Reports Gride II-/9- Was represented to rent certaining aquipment and furnish You are hereby requested to rent certaining aquipment and furnish You are hereby requested to rent certaining aquipment and furnish You are hereby requested to rent certaining aquipment and furnish You are hereby requested to rent certaining aquipment and furnish You are hereby requested to rent certaining aquipment and furnish You are hereby requested to rent certaining aquipment and furnish You are hereby requested to rent certaining aquipment and furnish You Sister  Top. July 1-/9-/9 Constitution of the You are hereby requested to rent certaining aquipment and furnish You have a listed.  Contractor II-/9-/9 Constitution of the You are hereby requested to rent certaining aquipment and furnish You are hereby requested to rent certaining aquipment and furnish to device a listed.  Contractor II-/9-/9	Phone 785-483-2025 Cell 785-324-1041	Home Office P.O. B	Sox 32 Russell, KS 67665		No.	918
Lease Nigh 5 women R Well No G-1  Contractor (Nigh 9 12  Type, 16b 5 women R Well No G-1  Type, 16b 5 women R R R R R R R R R R R R R R R R R R R	Sec.	Twp. Range	County State	On Loca	ation	Finish
Lease Man S Wong & Well No G-1 Owner Contractor Win F12  Contractor Win F12  Type Job Surface Hole Size 12/4 T.D. 24:3  Cas. By Dogth 26:2  Street  Cas. By Dogth 26:2  Street  Cas. By Dogth 26:2  Street  Cas. By Dogth 26:2  Ca	Date 11-19-14 9	7 33 Con		, .		GOOP W
Contractor Win File  To Quality Dilivell Cementing, in or owner and furnish you are herby requised to rent ementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.  Cag. By Depth Cay Street  Tog. Size Depth Cay Street  Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. 15 Shoe Joint Displace 15 1/28 Common / 60  EQUIPMENT DO Displace 15 1/28 Common / 60  Builkink No Direct Ac 3 Foreign Calcium 5  Builkink No Direct Ac 5 Calcium 5		Locat	ion HII City 3,0 240Rd 6	121	Rin	to
Contractor WW \$1.2  Type Job Surface  States  Consent Left in Csp. 15-5  Shoe Joint  The above was denot to satisfaction and supervision of owner agent or contractor.  Cement Amount Ordered  Type Job Surface  Common Job Surface  Type Job Surface  Type Job Surface  Common Job Surface  Type Job Surfac	Lease Nigh Swonard	Well No. 9~1	Owner			
Type Job Surface Hole Size 12/4 I.D. 26-3 Charge Ch. Shalm Hartaers Tog. Size Depth City State Tog. Size Depth City State Tool Depth The above was done to satisfaction and supervision of owner agent or contractor. Cement Left in Csg. /5 Shoe Join Cement Amount Ordered // Cam 3/Cc 2/CEL Displace /5 1/25 C  EQUIPMENT Common / CO  Buildrik No. Driver Britt Gel. 3  Buildrik No. Driver Britt Gel. 3  Buildrik 9 No. Driver Jan Calcium S  JOB SERVICES & REMARKS Huils Randers: Sait Rat Hole Kol-Seal Mouse Hole Kol-Seal Mouse Hole Centralizers Mud CLR 48  Centralizers Mud CLR 48  Office State Sand Sand Sand Sand Sand Sand Sand Sand	J 5	•	Various horoby requested to rent ceme	enting e	quipment a	ind furnish
Hole Size 12/4  Csg. 8/8  Depth 16/2  Street  City State  Depth The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. 15' Shoe Joint  Cement Left in Csg. 15' Shoe Joint  Cement Amount Ordered 160 Common 3 CC 2 CFL  Meas Lina  Displace 15' 12/8 C  EQUIPMENT  Pumptrix 16/No   Diver   Shoe 15'    Bulktrix No   Diver   Shoe 15'    JOB SERVICES & REMARKS  Hulls  Remarks:  Rat Hole  Mouse Hole  Centralizors  Mud CLR 48  Baskets  DV or Port Collar  Shoe 1 Latch Down  Allegae  Allegae  Allegae  Allegae  Allegae  Allegae  Allegae  Allegae  Float Shoe Latch Down  Furphit Charge Surface  Mileage 3 6  Tax  Discount	e /1		cementer and helper to assist owner of	r contrac	ctor to do	work as listed.
Csg. B/B Depth City State Tbg. Size Depth City State Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. 15 Shoe Joint Common / Com		T.D. 243	Charge Chishalm Partn	275	· · · · · · · · · · · · · · · · · · ·	, a
Tog. Size  Depth The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. 15' Shoe Joint  Displace   5' ZBC  EQUIPMENT Commen   60  Pumptrk   6No   Cemente   6No   23   6No   6N	2510	Depth. 26.2	Street			
Tool Depth The above was done to satisfaction and supervisible of owner agent or contractor.  Cement Left in Csg. 15 ' Shoe Joint Cement Amount Ordered   U. U. Cm 3   U. 2   U. CEL  Build No. Demonstration of State   Poz. Mix    Build No. Driver Briff   Gel. 3    Build No. Driver Briff   Gel. 3	77	Depth	Oily			
Cement Left in Csg. 15 Shoe Joint Cement Amount Ordered   10 Csg. 3   Csg. 15   Csg. 1		Depth	The above was done to satisfaction and su	pervision	of owner a	gent or contractor.
Meas Line  Displace   5 1/28 L  EQUIPMENT  Common   60  Pumptik   10 No   Command   10 No   10		Shoe Joint	Cement Amount Ordered / (6)	m 3	1cc	2/CFL
Pumptrk I No. Camente Co. 13 Pumptrk No. Helper Co. 13 Bulktrk No. Dinver Co. 15 Bulktrk No. 15						
Bulktrk No. Driver Britt Gel. 3  Bulktrk 9 No. Driver The Calcium 5  Hulls  JOB SERVICES & REMARKS Hulls  Remarks: Rat Hole Flowseal  Mouse Hole Kol-Seal  Mouse Hole Centralizers Mud CLR 48  Centralizers Mud CLR 48  CFL-117 or CD110 CAF 38  Sand  Baskets  D/V or Port Collar  Sand  Handling 68  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AF (Inserts  Float Shoe  Latch Down  Pumptik Charge. Surface  Mileage 36  Tax  Discount	EQUIP	MENT	Common /60			
Bulktrk No. Driver Britt Gel. 3  Bulktrk 9 No. Driver The Calcium 5  Hulls  JOB SERVICES & REMARKS Hulls  Remarks: Rat Hole Flowseal  Mouse Hole Kol-Seal  Mouse Hole Centralizers Mud CLR 48  Centralizers Mud CLR 48  CFL-117 or CD110 CAF 38  Sand  Baskets  D/V or Port Collar  Sand  Handling 68  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AF (Inserts  Float Shoe  Latch Down  Pumptik Charge. Surface  Mileage 36  Tax  Discount	Pumptrk 16No. Cementer 6	h'g	Poz. Mix			
Bulktrk 9 No Driver July  JOB SERVICES & REMARKS  Hulls  Remarks: Rat Hole  Mouse Hole  Centralizers  Mud CLR 48  CFL-117 or CD110 CAF 38  Baskets  D/V or Port Collar  Sand  Handling /6 S  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Snoe  Latch Down  Pumptik Charge Surface  Mileage 3 6  Tax  Discount	No Driver 1512	711	Gel. 3			
Baskets  APUINSEL  APUINSEL  APUINSEL  JOB SERVICES & REMARKS  Hulls  Salt  Flowseal  Kol-Seal  Muse Hole  Centralizers  Mud CLR 48  CFL-117 or CD110 CAF 38  Sand  All Handling / Salt  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  APUI inserts  Float Shoe  Latch Down  Pumptik Charge Sur Face  Mileage 36  Tax  Discount	No Driver	7/	Calcium 5	22.5		
Rat Hole  Mouse Hole  Centralizers  Baskets  D/V or Port Collar  Sand  Handling  Handling  Float Equipment  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Float Shoe  Latch Down  Tax  Discount	.,	& REMARKS	Hulis	e li		
Rat Hole  Mouse Hole  Kol-Seal  Mud CLR 48  Baskets  D/V or Port Collar  Sand  Handling / S  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Purriptitk Charge  Mileage 36  Tax  Discount	Remarks:		Salt	, r		
Mouse Hole  Centralizers  Mud CLR 48  Baskets  CFL-117 or CD110 CAF 38  Sand  Handling /6 S  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage 36  Tax  Discount		1	Flowseal			
Centralizers  Baskets  CFL-117 or CD110 CAF 38  Sand  And Handling  Handling  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts Float Shoe  Latch Down  Pumptrk Charge Sur Face  Mileage 36  Tax  Discount		:	Kol-Seal			
Baskets  D/V or Port Collar  Sand  Handling /68  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage 36  Tax  Discount	ASSESSED 18		Mud CLR 48			
DIV or Port Collar  Sand  Handling  Handling  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount			CFL-117 or CD110 CAF 38			
Handling /68 Mix 160 six y D. Splace  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge Surface  Mileage 36  Tax  Discount			Sand			
Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge Surface  Mileage 36  Tax  Discount	P) 3/ 1 1	+ Contation	Handling 163			
FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge Surface  Mileage 36  Tax  Discount				orași,		
Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge Surface  Mileage 36  Tax  Discount			FLOAT EQUIPMENT	,		
Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge Surface  Mileage 36  Tax  Discount	Lament 1	Mulleten	Guide Shoe			N .
AFU Inserts Float Shoe Latch Down  Pumptrk Charge Surface Mileage 36  Tax Discount			Centralizer			
Float Shoe Latch Down  Pumptrk Charge Surface Mileage 36  Tax Discount			Baskets			
Pumptrk Charge Surface  Mileage 36  Tax  Discount				1000	<del></del>	
Pumptrk Charge Surface  Mileage 36  Tax  Discount			Float Shoe	<b>8</b> 0. 0	(2) 9733 2333 <u>1</u>	
Pumptrk Charge Surface  Mileage 36  Tax  Discount			Latch Down			<del>-</del>
Pumptrk Charge Surface  Mileage 36  Tax  Discount						
Mileage 36  Tax  Discount				<u> </u>		
Discount Discount			Pumptrk Charge Surface			
Discount Discount			Mileage 36			
				52 62	·	
Signature all faculta	1/1/21					
	X Signature Man	antal a		Total	Charge	



QUALITY OILWELL CEMENTING, INC. PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

Date	11/26/2014
Invoice #	890

P.O.#

Due Date: 12/26/2014 Division: Russell

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11	21/		CO
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	CHISH	DLM .
WELL:_	Wich su	oncer 9-1
AFE:	<u> </u>	
CODE:	INTO	216
P.O.:		
DATE:	12-11	17
SIGNAT	URE:	on Comeda

wild Horsz CHARLEM PARTNERS LLC Address/Job Location: **CHISHOL**M PARTNERS ♣, LLC 300 N CEDAR **SUITE 101** ABILENE KS 67410

Reference:

NIGHSWONGER 9-1 SEC 9-7-23

**Description of Work:** 

PLUG JOB

Services / Items Included:	Quantity		Price	Taxable	<i>Item</i>	Quantity		Price	Tax
Labor		\$	1,020.55	Yes		4			
Common-Class A	144	\$	2,655.53	Yes					
POZ Mix-Standard	96	\$	675.95	Yes					
Bulk Truck Matl-Material Service Charge	249	\$	556.59	Yes					
Pump Truck Mileage-Job to Nearest Camp	35	\$	390,39	Yes					
Bulk Truck Mileage-Job to Nearest Bulk Plant	35	\$	228.45	Yes					
Premium Gel (Bentonite)	9	\$	163.76	Yes					
Flo Seal	60	\$	134.12	Yes					
Dry Hole Plug	1	\$	62.59	Yes					
Invoice Terms:						SubTotal:	\$	5,887.92	
Net 30			Disco	unt Availat	ole <u>ONLY</u> if Invoice is Pa	id & Received	\$	(883.19	)
		37			within listed te	rms of invoice:	Ψ	(000.10	<i>)</i> —
			.,		SubTotal f	or Taxable Items:	\$	5,004.73	
					SubTotal for No	on-Taxable Items:	\$	-	
		-				Tota:	\$	5,004.73	
				7.40% Grah	am County Sales Tax	Tax:	\$	370.35	
Thank You For Your Business						Amount Due:	\$	5,375.08	
					Appli	ed Payments:			
						Balance Due:	\$	5,375.08	

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

#### MENTING, INC. QUALITY OILWE

Federal Tax I.D.# 20-2886107

No. 890

Home Office P.O. Box 32 Russell, KS 67665 Phone 785-483-2025 Cell 785-324-1041 On Location Finish State County Range Sec. Twp. 7:30 Pm (Ahan) Date Location Well No. Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish Contractor cementer and helper to assist owner or contractor to do work as listed. Type Job Charge 40001 T.D Hole Size Depth Street Csg. 21501 State City Depth Tbg. Size The above was done to satisfaction and supervision of owner agent or contractor. Depth Tool Cement Amount Ordered Shoe Joint Cement Left in Csg. 4zo/mud Displace Meas Line **EQUIPMENT** Common No. Cementer Helper 10 Poz. Mix Pumptrk Driver Gel. Bulktrk Driver No. Driver Calcium Bulktrk Hulls **JOB SERVICES & REMARKS** 50 SX Salt Remarks: Flowseal Rat Hole 505% Kol-Seal Mouse Hole Mud CLR 48 Centralizers CFL-117 or CD110 CAF 38 Baskets Sand D/V or Port Collar Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount Total Charge X Signature



# CHISHOLM PARTNERS—

Scale 1:240 Imperial

Well Name: NIGHSWONGER #9-1

Surface Location: NE NW SW Sec. 9 - 7S - 23W

**Bottom Location:** 

API: 15-065-24074-00-00

License Number: 34622

Spud Date: 11/19/2014 Time: 2:00 PM

Region: GRAHAM COUNTY KANSAS

Drilling Completed: 1/12/2014 Time: 5:50 PM

Surface Coordinates: 2310' FSL & 990' FWL

**Bottom Hole Coordinates:** 

Ground Elevation: 2442.00ft K.B. Elevation: 2450.00ft

Logged Interval: 3350.00ft To: 4000.00ft

Total Depth: 4000.00ft

Formation: LANSING KANSAS CITY

Drilling Fluid Type: FRESH WATER / CHEMICAL GEL

**OPERATOR** 

Company: CHISHOLM PARTNERS II, LLC

Address: 1010 10TH ST

**GOLDEN, CO 80401** 

Contact Geologist: RICHARD MCKEE
Contact Phone Nbr: (620) 968-7741

Well Name: NIGHSWONGER #9-1

Location: NE NW SW Sec. 9 - 7S - 23W

API: 15-065-24074-00-00

Pool: Field: UNNAMED

State: KANSAS Country: USA

#### SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -99.8972119
Latitude: 39.4577716
N/S Co-ord: 2310' FSL
E/W Co-ord: 990' FWL

#### **LOGGED BY**

Company: BIG CREEK CONSULTING, INC.

Address: 1909 MAPLE

ELLIS, KS 67637

Phone Nbr: (785) 259-3737

Logged By: Geologist Name: JEFF LAWLER

CONTRACTOR

Contractor: WW DRILLING, LLC

Rig #: 12

Rig Type: **MUD ROTARY** 

Spud Date: 11/19/2014 Time: 2:00 PM TD Date: 1/12/2014 Time: 5:50 PM Rig Release: 11/26/2014 Time: 9:30 PM

#### **ELEVATIONS**

Ground Elevation: K.B. Elevation: 2450.00ft 2442.00ft

K.B. to Ground: 8.00ft

#### **NOTES**

\*\*NOTE: THERE IS AN ~2' - 4' UPHOLE CORRECTION TO CORRELATE DRILL TIME WITH POROSITY LOG **CURVES\*\*** 

DUE TO A LACK OF ECONOMICAL RECOVERY ON DRILL STEM TESTS IT WAS SUGGESTED AND AGREED BY ALL PARTIES TO PLUG AND ABANDON THE NIGHSWONGER #9-1.

#### RESPECTFULLY SUBMITTED, JEFF LAWLER

						WE	LL (	CO	MPA	RISC	ON SI	ΗE	ΕT														
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						H&C OIL OPERATIONS				В	LACL PETR	OLEU	мсо	RP.	- 1		H&C OIL OF	PERT/	ATION	s			H&C OIL C	PERT	ATION	ıs	
_				MORRIS TRUST #9-1				0	BRA	NT #1	L.			-	MIL	LS#1	ğ.			ROBERTS #8-1							
NIGHSWONGER 9-1						NE SE N	W 9-7	-23			W2 NW	SE 9-	7-23			Ž.	SW SW S	SE 9-7	7-23				NENE	SE 8-	7-23		_
l	KB	2450	GL	2442	КВ		244	44		КВ		24	439		- 9	KB		2	462	_		КВ		2	424		
	LOG	TOPS	SAMP	LETOPS	LC	GS	LO	G	SMPL.	COM	P. CARD	LC	OG	SIV	IPL.	LO	GS	L	OG	SN	APL.	LC	OGS	L	OG	SN	1PL
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	COF	RR.	CORR.	DEPTH	DATUM	CO	RR.	CO	RR.	DEPTH	DATUM	CC	DRR.	CC	ORR.	DEPTH	DATUM	CC	ORR.	CC	RR
ANHYDRITE TOP	2140	310	2142	308	2125	319	-	9	- 11	2131	308	+	2	+	0	2150	312	20	2	-	4	2109	315	-	5	- 2	
BASE	2173	277	2177	273	2157	287	-	10	- 14	2167	272	+	5	+	1	2183	279	-	2	-	6	2142	282	-	5		1
TOPEKA	3477	-1027	3481	-1031	3467	-1023	-	4	- 8	3476	-1037	+	10	+	6	3495	-1033	+	6	+	2	3445	-1021	-	6	-	1
HEEBNER	3677	-1227	3682	-1232	3669	-1225		2	- 7	3680	-1241	+	14	+	9	3705	-1243	+	16	+	11	3650	-1226		1	2	(
TORONTO	3703	-1253	3706	-1256	3693	-1249	-	4	- 7	3705	-1266	+	13	+	10	3721	-1259	+	6	+	3	3674	-1250	-	3	-	(
LKC	3721	-1271	3722	-1272	3705	-1261	~	10	- 11	3722	-1283	141	12	+	11	3737	-1275	+	4	+	3	3688	-1264	-	7	-	8
BKC	3913	-1463	3922	-1472	3903	-1459	0	4	- 13	3914	-1475	+	12	+	3							3884	-1460	-	3	2	1
TOTAL DEPTH	3999	-1549	4000	-1550	3944	-1500	- 1	49	- 50	3968	-1529	-	20	-	21	3976	-1514	-	35	-	36	3917	-1493		56	-	1

#### DST #1 LKC D - F 3757' - 3788'



#### DRILL STEM TEST REPORT

Chisholm Partners II LLC 9 7s 23w Graham

300 N Cedar St Ste 101 Nighswonger 9-1

Abilene KS 67410 Job Ticket: 60621 DST#: 1

ATTN: Jeff Lawler Test Start: 2014.11.23 @ 08:55:00

#### GENERAL INFORMATION:

Formation: LKC " D - F"

Deviated: ft (KB) Test Type: Conventional Bottom Hole (Initial) No Whipstock:

Time Tool Opened: 11:45:30 Tester: Jim Svaty

Time Test Ended: 16:47:00 Unit No: 76

Interval: 3757.00 ft (KB) To 3788.00 ft (KB) (TVD) Reference Bevations: 2450.00 ft (KB)

2442.00 ft (CF) Total Depth: 3788.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6668 Outside

Press@RunDepth: 26.58 psig @ 3761.00 ft (KB) 8000.00 psig Capacity: End Date: Start Date: 2014.11.23 2014.11.23 Last Calib.: 2014.11.23

2014.11.23 @ 11:45:15 Start Time: 08:55:02 Fnd Time: 16:46:45 Time On Btm:

Time Off Btm: 2014.11.23 @ 14:32:15

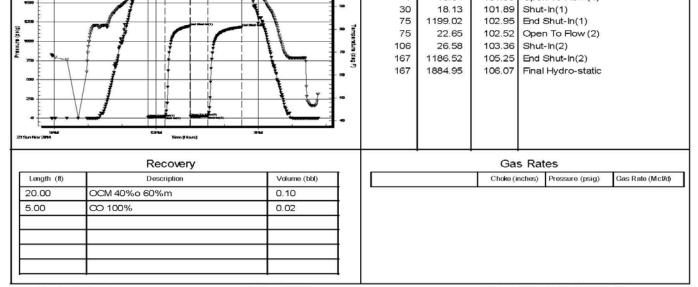
TEST COMMENT: 30-IFP- Surface Blow Building to 1 1/2in.

45-ISIP- Weak Surface Blow

30-FFP- Surface Blow Building to 1 1/4in.

60-FSIP- No Blow

	Pressure	vs. Time	PRESSURE SUMMARY				
2000	COOR Pressure	COS Torponare		Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
1750				0	1870.28 10.84		Initial Hydro-static Open To Flow (1)



Trilobite Testing, Inc Ref. No: 60621 Printed: 2014.11.23 @ 23:15:08

#### DST #2 LKC H - I 3824' - 3868'



#### DRILL STEM TEST REPORT

Chisholm Partners II LLC

300 N Cedar St Ste 101

Abilene KS 67410

ATTN: Jeff Law ler

9 7s 23w Graham

Nighswonger 9-1

Job Ticket: 60622

Test Start: 2014.11.24 @ 02:05:00

#### GENERAL INFORMATION:

Formation: LKC "H-I"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:12:00 Time Test Ended: 09:23:00

Interval: 3824.00 ft (KB) To 3868.00 ft (KB) (TVD)

Total Depth: 3868.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair

t Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty Unit No: 76

Unit No: 76

Reference Bevations: 2450.00 ft (KB)

2442.00 ft (CF)

DST#: 2

KB to GR/CF: 8.00 ft

Serial #: 8789 Inside

 Press@RunDepth:
 27.92 psig @ 3836.00 ft (KB)
 Capacity:
 8000.00 psig

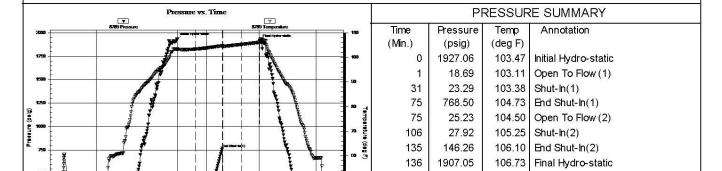
 Start Date:
 2014.11.24
 End Date:
 2014.11.24
 Last Calib.:
 2014.11.24

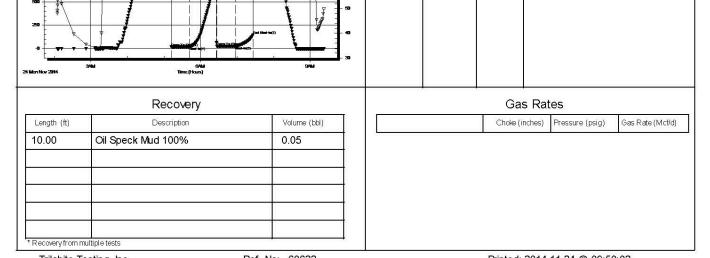
 Start Time:
 02:05:02
 End Time:
 09:23:00
 Time On Btm:
 2014.11.24 @ 05:11:30

Time Off Btm: 2014.11.24 @ 07:27:00

TEST COMMENT: 30-IFP- Surface Blow Building to 3/4in. In 12min. Died Back in 18min.

45-ISIP- No Blow 30-FFP- No Blow 30-FSIP- No Blow





Ref. No: 60622 Printed: 2014.11.24 @ 09:50:02 Trilobite Testing, Inc

#### DST #3 LKC J 3863' - 3890'



#### DRILL STEM TEST REPORT

Chisholm Partners II LLC

300 N Cedar St Ste 101 Abilene KS 67410

ATTN: Jeff Lawler

9 7s 23w Graham

Nighswonger 9-1

Job Ticket: 60623 DST#: 3 Test Start: 2014.11.24 @ 16:26:00

#### GENERAL INFORMATION:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:28:15

Time Test Ended: 01:03:00

Interval: 3863.00 ft (KB) To 3890.00 ft (KB) (TVD)

Total Depth: 3890.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Reference Bevations: 2450.00 ft (KB)

2442.00 ft (OF)

KB to GR/CF: 8.00 ft

Serial #: 8289 Outside

17.56 psig @ Press@RunDepth:

Start Date: 2014.11.24 End Date:

Start Time: 16:26:02 3867.00 ft (KB)

End Time:

2014.11.25 01:03:00 Capacity:

8000.00 psig

Last Calib.: 2014.11.25 Time On Btm: 2014.11.24 @ 20:28:00

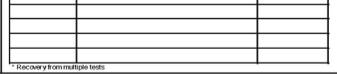
Time Off Btm: 2014.11.24 @ 22:43:00

TEST COMMENT: 30-IFP- Surface Blow Building to 3/4in. In 8min. Died Back in 13min

45-ISIP- No Blow 30-FFP- No Blow 30-FSIP- No Blow

		e vs. Time		PRESSURE SUMMARY					
2000 1790 1500 1500 750 750 250 0	EST Pressure		Tungaratura	Time (Min.) 0 1 30 74 75 105 135 135	Pressure (psig) 1936.95 14.86 16.55 192.84 17.12 17.56 39.30 1922.39	Temp (deg F) 101.82 101.35 102.19 102.67 103.43 103.43 104.16	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)		
	Recov	Gas Rates							

	Recovery									
Length (ft)	Description	Volume (bbl)								
3.00	Oil Speck Mud 100%	0.01								



Trilobite Testing, Inc Ref. No: 60623

Printed: 2014.11.25 @ 20:05:49

#### DST #4 LKC K -L 3888' - 3938'



#### DRILL STEM TEST REPORT

Chisholm Partners II LLC

9 7s 23w Graham

300 N Cedar St Ste 101 Abilene KS 67410 Nighswonger 9-1

Job Ticket: 60624

DST#:4

ATTN: Jeff Lawler

Test Start: 2014.11.25 @ 09:35:00

#### GENERAL INFORMATION:

Formation: LKC " K & L "

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 12:09:15 Time Test Ended: 17:43:00 Tester: Jim Svaty

Unit No: 76

Interval: 3888.00 ft (KB) To 3938.00 ft (KB) (TVD)

Reference Bevations: 2450.00 ft (KB)

Total Depth: 3938.00 ft (KB) (TVD)

2442.00 ft (OF) KB to GR/CF: 8.00 ft

Hole Diameter: 7.88 inchesHole Condition: Fair

Serial #: 8289 Outside

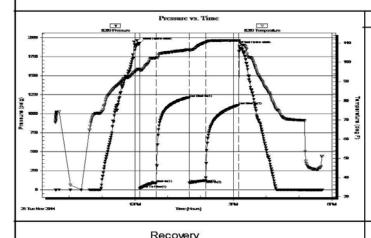
 Press@RunDepth:
 124.62 psig @
 3893.00 ft (KB)
 Capacity:
 8000.00 psig

 Start Date:
 2014.11.25
 End Date:
 2014.11.25
 Last Calib.:
 2014.11.25

Start Time: 09:35:02 End Time: 17:42:30 Time On Btm: 2014.11.25 @ 12:09:00 Time Off Btm: 2014.11.25 @ 15:10:30

TEST COMMENT: 30-IFP- Surface Blow Building to 8 1/4in.
60-ISIP- No Blow For 20min. To Surface Blow

30-FFP- Surface Blow Building to 8 3/4in.
60-FFP- No Blow For 8min. To Surface Blow



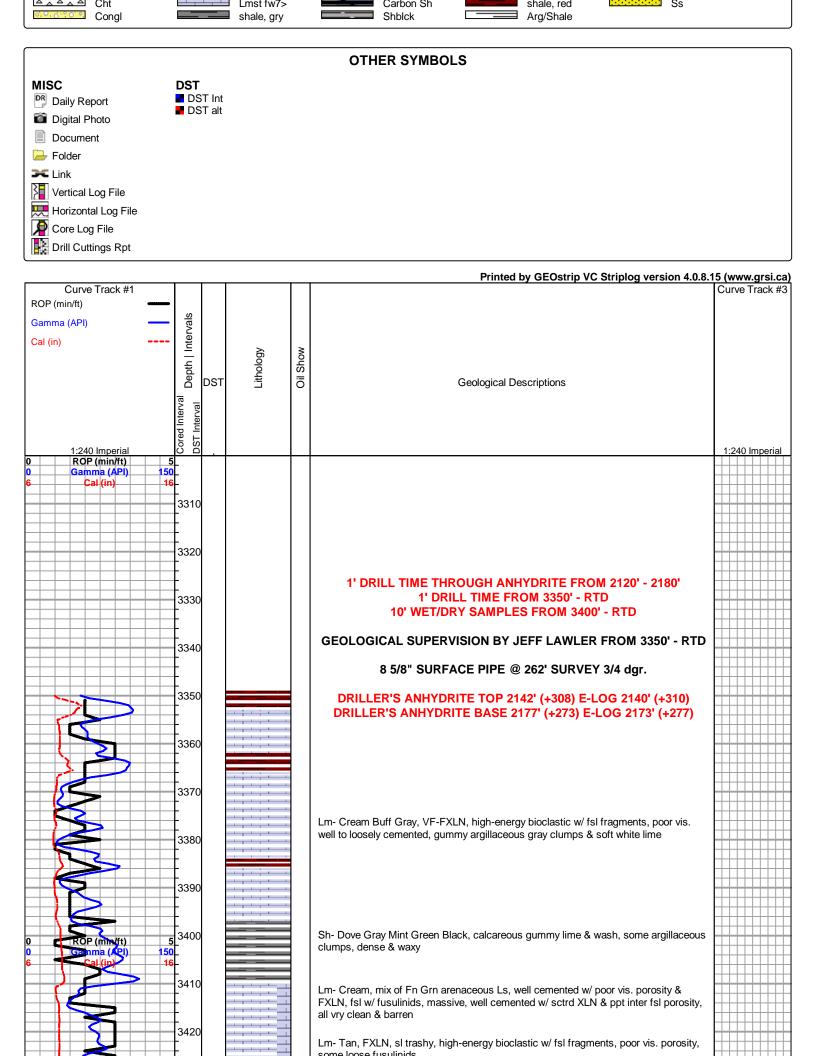
	PI	RESSUF	RESUMMARY
Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1925.13	96.53	Initial Hydro-static
1	18.83	95.55	Open To Flow (1)
31	90.75	102.37	Shut-In(1)
90	1209.38	106.62	End Shut-In(1)
91	94.07	106.13	Open To Flow (2)
120	124.62	110.36	Shut-In(2)
181	1113.33	111.44	End Shut-In(2)
182	1882.62	110.86	Final Hydro-static

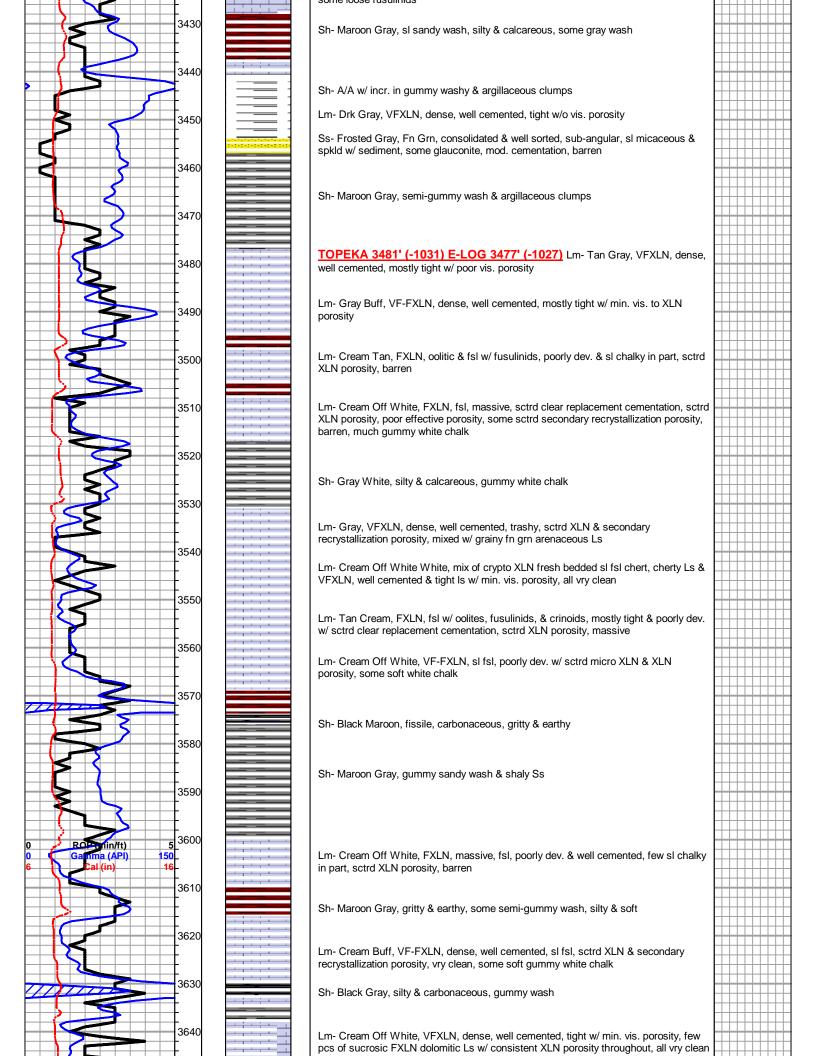
	Recovery	
Length (ft)	Description	Volume (bbl)
120.00	MCW 20% m 80% w	0.59
100.00	OCM 3%o 97%m	1.40
* Recovery from r	nultiple tests	

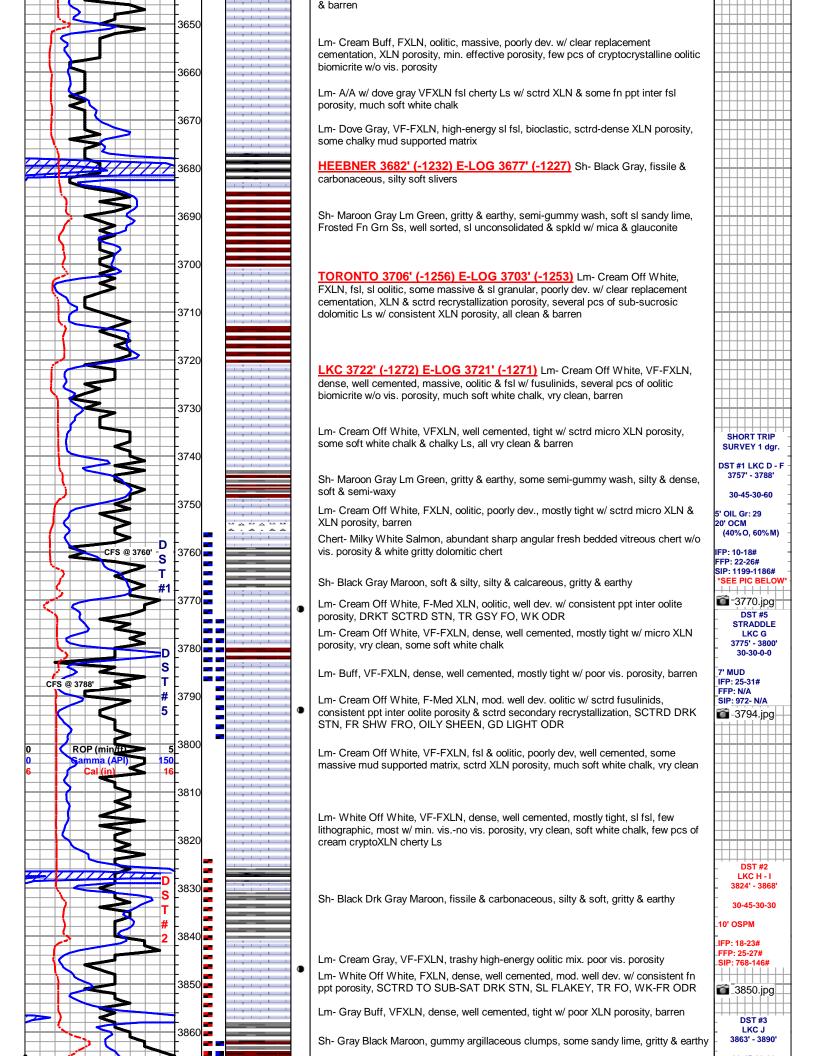
Gas Rates

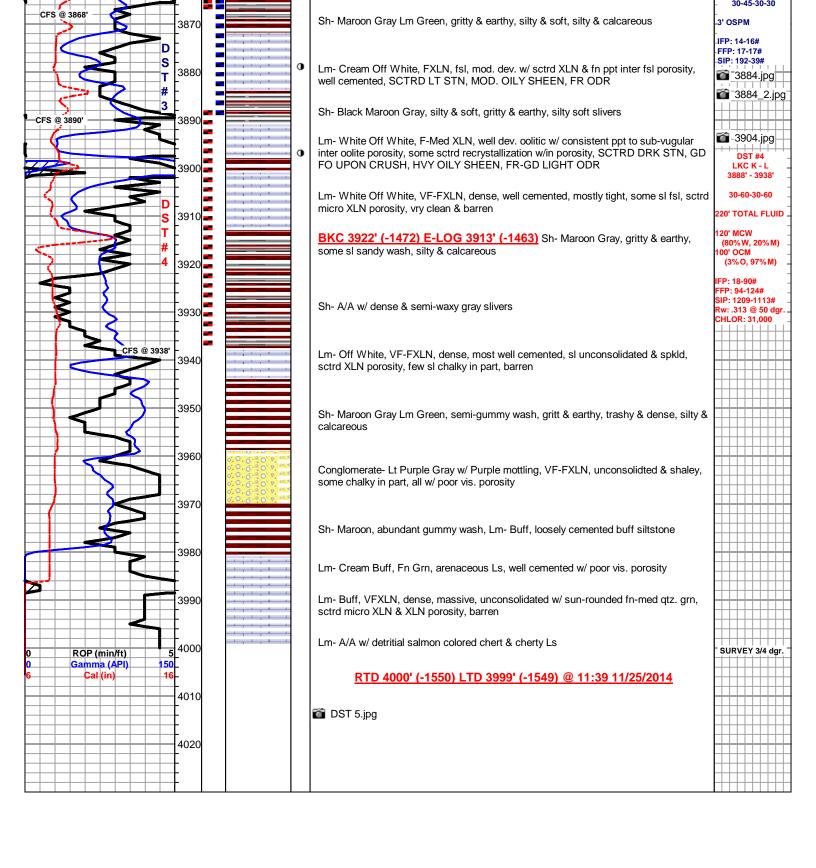
Choke (inches) Pressure (psig) Gas Rate (Mct/d)

Trilobite Testing, Inc Ref. No: 60624 Printed: 2014.11.25 @ 20:05:09















3850' X 35





3884' X 30



#### DST 5.jpg



#### DRILL STEM TEST REPORT

Chisholm Partners II LLC

9 7s 23w Graham,KS

300 N Cedar St Ste 101

Nighswonger 9-1

Abilene KS 67410 ATTN: Jeff Lawler

ft (KB)

Job Ticket: 60625 DST#:5 Test Start: 2014.11.26 @ 08:45:00

GENERAL INFORMATION:

LKC "G" Formation:

Deviated: No Whipstock: Test Type: Conventional Straddle (Reset)

Time Tool Opened: 10:26:30

Tester: Jim Svaty Unit No:

Time Test Ended: 14:01:00

3775.00 ft (KB) To 3800.00 ft (KB) (TVD) Interval:

Reference Bevations: 2450.00 ft (KB) 2442.00 ft (CF)

Total Depth: 3999.00 ft (KB) (TVD) 7.88 inchesHole Condition: Fair

KB to GR/CF:

Hole Diameter:

8.00 ft

Serial #: 8289

Press@RunDepth:

Outside 31.02 psig @ 3781.00 ft (KB) 2014.11.26

Capacity: 2014.11.26 Last Calib.:

8000.00 psig 2014.11.26

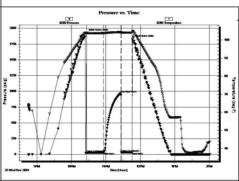
Start Date: Start Time: 08:45:02 End Date: End Time:

14:00:45 Time On Btm:

2014.11.26 @ 10:26:15 Time Off Btm: 2014.11.26 @ 11:46:00

TEST COMMENT: 30-IFP- 1/4in. Blow Died Back in 21min.

30-ISIP- No Blow 15-FFP- No Blow Pulled



#### PRESSURE SUMMARY

			120001	L OOMING ACT	
1	Time	Pressure	Temp	Annotation	
	(Mn.)	(psig)	(deg F)		
	0	1917.47	104.21	Initial Hydro-static	
	1	25.75	103.54	Open To Flow (1)	
	30	31.02	103.89	Shut-In(1)	
4	60	972.21	104.46	End Shut-In(1)	
3	61	31.09	104.03	Open To Flow (2)	
2	80	32.32	104.21	Shut-In(2)	
Temperature (deg F	80	1821.13	104.89	Final Hydro-static	
3					

О.		-	-	_
Re	eс	:О	ve	n

Length (ft)	Description	Volume (bbl)
7.00	Mud 100%	0.03
Recoveryfrom	nultiple tests	
	nultiple tests	

#### Gas Rates

Chole (inches) Pressure (psig) Gas Rate (Mct/d)

Printed: 2014.11.26 @ 14:14:44 Trilobite Testing, Inc. Ref. No: 60625