Confidentiality Requested: Yes No

### KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1254932

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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:      Dual Completion Permit #:	Dewatering method used:
SWD         Permit #:	Leastion of fluid diagonal if hould offaite:
ENHR         Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East _ West
Recompletion Date Reached TD Recompletion Date of Recompletion Date	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:

	Page Two 1254932				
Operator Name:	Lease Name:	Well #:			
Sec TwpS. R East _ West	County:				

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		C C	on (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		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
		ADDITIONAL	CEMENTING / SQL	IEEZE RECORD			

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No (If No, skip questions 2 and 3) (If No, skip question 3)

No

No

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated							ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	l Producti	ion, SWD or ENHF	<b>?</b> .	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									I	
DISPOSITI	ON OF G	AS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Solo	a 🗌 i	Jsed on Lease		Open Hole	Perf.	Dually		Commingled		
(If vented, Su	bmit ACO	9-18.)		Other (Specify)		(Submit A	,	(Submit ACO-4)		

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner Sam Brownback, Governor

June 15, 2015

Anita Barnette SunCoast Technical Services, Inc. PO BOX 860037 PLANO, TX 75086-0037

Re: ACO-1 API 15-065-24092-00-00 Roaring Fork 2 NE/4 Sec.28-08S-23W Graham County, Kansas

Dear Anita Barnette:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 02/04/2015 and the ACO-1 was received on June 14, 2015 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

**Production Department** 

## 

Phone 785-483-2025 Cell 785-324-1041	Home Office P.C	). Box 32 Russell, KS 67665 No. 918
Sec.	. Twp. Range	County State On Location Finish
Date 2-4-15 28	8 23	Graham KS 4:45
ting and the second of the second s Second second		ocation Hill City 5 to Oternace Rd 2
Lease Rouring Fork	Well No. # 2	Owner
Contractor WW A12		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as liste
Type Job Smr Face		
Hole Size / 2 '/4	т.р. 266	To Sun Coust TechNICOR SETU
Csg. <u>8 5/8</u>	Depth 266	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contra
Cement Left in Csg. 20"	Shoe Joint	Cement Amount Ordered 165 89/20 3% cc )?
Meas Line	Displace 15 1/2 bk	
The Britsheld of Article Color	PMENT	Common 100
Pumptrk 5 No. Cementer	David	Poz. Mix 65
Bulktrk 14 No. Driver	lor	Gel. 3
Bulktrk P(J No. Driver B)	re++	Calcium 6
JOB SERVICE	S & REMARKS	Hulls
Remarks:		Salt
Rat Hole	the second s	Flowseal 4/17F
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets	2 	CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
		Handling / 1 9
		Mileage
		FLOAT EQUIPMENT
a share from the second of		Guide Shoe
Cement	-	Centralizer
	<u> </u>	Baskets
	1 A BAR	AFU Inserts
Circo	stated !!	Float Shoe
		Latch Down
		Pumptrk Charge
		Mileage 32
$ \land \leq $		Tax
	$\cdot $	Discount
X Signature	nt -	Total Charge

Ο

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

\_ \_ \_ \_

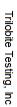
Date 2-10-15     28     8     25     Galarra     12-1       Location Hills Sto Cherral & R. 2     Sinte     1000000000000000000000000000000000000	Phone 785-483-2025 Cell 785-324-1041	Home Office	P.O. Box 32 Rus	sell, KS 67665	No	. 6324				
Lease COLFINE FORK Well No. 2 Owner Contractor WW IV IV IV To Quilty Olivell Cementing, Inc. Type 10b P111 Type 10b P1111 Type 10b P111 Type 10b P1111 Type 10b P11111 Type 10b P111111 Type 10b P111111 Type 10b P11111 Type 10b P111111 Type 10b P1111111 Type 10b P1111111 Type 10b P11111111111111111111111111				State	On Location	Finish 123017				
Lease K. (M.C. 1748, F. C.C. Well No. 2 Owner Contractor W.C. 14 The Job Plish The Job Plish Carry Street Tages D. P. 41/12 Depth 1980 City State Tool Depth The Job Plish Common Left in Csg. Shee Joint Common J. 44 Pumptrk & No. Divers Dotor Collar Sant S	A D		Location H, // C, J.	Sto Oterra	re Rà 200					
Contractor WW     1/2     To Quality Oliveit Committing, Inc.       Tage Job Plan     Counsiter and helper to assist owner or contractor to do work at the Size     Plan       Hole Size     7/15     T.D. 3700     Carset and helper to assist owner or contractor to do work at the Size       Tog, Size     D.P. 4/12     Depth     Street       Tog, Size     D.P. 4/12     Depth     Street       Tool     Depth     Street     Street       Tool     Depth     Cernent Amount Ordered 2 40 4/16 4/16 (-r) 1       Meas Line     Displace     Common 1444       Pumptrk 20 No     Commenter     Port Mix 96       Bulkrk 15 No     Diriver     Diriver       Bulkrk 15 No     Diriver     Diriver       JOB SERVICES & REMARKS     Hulls       Remarks:     Sait       Ret Hole     30 5/2       Portor     Sist       Ret Hole     Collar       Sastets     Mud CLR 48       Sastets     Cruth diff ec       Chiroling     Sist       Ret 11000'     10054       Float Sho	Lease KOAFING FO	rk Well No. 2			- CAN	JINU				
Street of print       Contractor to do work at the print of contractor to do work at the server server of contractor to do work at the server server of contractor to do work at the server server server of contractor to do work at the server s	Contractor WW		To Quality Oil	well Cementing, Inc	•					
Hole Size       7115       T.D. 3700       Charge Sun Const-Technicol Service         Csg.       Depth       Street       Street         Tog. Size D. P. 41/2       Depth 1750       City       State         Tool       Depth       The above was done to satisfaction and supervision of owner agent or concernent left in Csg.       Shoe Joint       Cement Left in Csg.         Mease Line       Displace       EQUIPMENT       Continon 1444         Pumptrk 20 No.       Content       Poz. Mix 76         Buiktrix 15 No.       Displace       Geil.       9         Buiktrix 15 No.       Driver       Quittic       Calcium         JOB SERVICES & REMARKS       Hulis       Hulis         Remarks:       Sait       Sait         Rait Hole       30 SL       Flowseal       GO H4         Mouse Hole       Kol-Saait       Geil.       Geil.         Contralizers       Mud CLR 48       Baskets       Guido Shoe         CN or Port Collar       Sand       Geil.       Geil.         Side Side       CircularLine       Baskets       Guido Shoe         CircularLine       Baskets       Guido Shoe       Gildo Shoe         CircularLine       Baskets       Gildo Shoe       Gildo Sho	Type Job Plun		cementer and	by requested to rent I helper to assist ow	cementing equipmer	nt and furnish to work as listed				
Csg.       Depth       Street         Tog. Size D. P. 4/12       Depth 1950       City       State         Tool       Depth       The above was done to satisfaction and supervision of owner agent or common function of the function		т.р. 3900								
Tog. Size       N.P.       Y.Y./2       Depth       The above was done to satisfaction and supervision of owner agent or comment. Left in Csg.       Shee Joint       Cement Amount Ordered & YO Y/10 Y/16 Y/16 Y/16 Y/16 Y/16 Y/16 Y/16 Y/16	Csg.	Depth			ICONNICOS	Jervices n				
Tool     Depth     The above was done to satisfaction and supervision of owner agent or Cement Left in Csg.     Shoe Joint     Cement Amount Ordered 2 40 40 40 40 40 40 40 40 40 40 40 40 40	Tbg. Size D.P. 4/12	Depth 198-0			State					
Cerrent Left in Csg.       Shoe Joint       Cerrent Amount Ordered 240 %/10 4% (-1)         Meas Line       Displace         EQUIPMENT       Common 144         Pumptrk & No       Feinemeter         Pumptrk & No       Feinemeter         Diver       Diver         Diver       Diver         Diver       Diver         JOB SERVICES & REMARKS       Hulls         Rett Hole       Sait         Rett Hole       Sol 4         Pointer       Billkink         JOB SERVICES & REMARKS       Hulls         Rett Hole       Sait         Rett Hole       Sol 4         Mouse Hole       Kol-Seal         Contralizers       Mud CLR 48         Baskets       CFL-117 or CD110 CAF 38         DV or Port Collar       Sand         Ist       11 00'         I 100'       I 00 sk         Guide Shoe       CitrCuMule         Baskets       CitrCuMule         Baskets       FLOAT EQUIPMENT         CitrCuMule       Baskets         All 0'       I 0 sk         CitrCuMule       Baskets         All 0'       I 0 sk         Float Shoe       Pumptrk Charg	Tool	Depth		done to satisfaction a		r agent or contractor				
Meas Line       Displace         EQUIPMENT         Pumptrk & O       No.         Pumptrk & O       No.         Bulktrk / S       No.         Bulktrk / S       No.         Bulktrk / S       No.         JOB SERVICES & REMARKS       Hulks         Bernarks:       Salt         Remarks:       Salt         Rat Hole       30 S.L         Koiseal       GO H         Mouse Hole       Koi-Seal         Centralizers       Mud CLR 48         Baskets       CFL-117 or CD110 CAF 38         DV or Port Collar       Sand         Is+       1980         SOSA       Handling Q 4 9         Mileage       Contralizer         Ch 1100       100 S.A         FLOAT EQUIPMENT       Guide Shoe         Ch 2300       50 S.4         Ch 400       Centralizer         Ch 300 S.4       Cancent de C         Ch 300 S.4       Cancent de C         Ch 400       Contralizer	Cement Left in Csg.	Shoe Joint			) 60/11 UM	Ind V. EFI				
EQUIPMENT     Common /4/4       Pumptrk & No.     Forenetter       Bulktrk / S     No.       Diver     Date       Bulktrk / S     Diver       Bulktrk / V     No.       Diver     Date       Bulktrk / S     No.       Diver     Date       Bulktrk / V     No.       Diver     Bat       Bulktrk / V     No.       Diver     Bat       Remarks:     Sait       Remarks:     Sait       Remarks:     Sait       Remarks:     Sait       Baskets     CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       Is+     I 980'       Sost     Common / 401 %       Ci / CUM     Baskets       Ci / CUM     Baskets       Ci / CUM     Baskets       Latch Down     Sait       Pumptrk Charge     Plug <tr< td=""><td>Meas Line</td><td></td><td></td><td>~</td><td>110 110</td><td>1 14 11</td></tr<>	Meas Line			~	110 110	1 14 11				
Pumptrk & No. Heippor Builktrk / S No. Heippor Builktrk / S No. Driver Builktrk / V No. Driver Baskets DO S S L Contralizer Sand Ist 1980' SOSL Handling J I Pol SOSL Contralizer Chrculul L Baskets Kat 30 sst Latch Down Pumptrk Charge Plug Mileage 32 Tax	EQUIF		Common /	44						
Bulktrk / JS       No.       Driver       Driver       Driver       Driver       Driver       Driver       Calcium         JOB SERVICES & REMARKS       Hulis       Remarks:       Salt       Remarks:       Salt         Remarks:       Salt       Flowseal       GO H       GO H       Mouse Hole       Kol-Seal         Centralizers       Mud CLR 48       Baskets       CFL-117 or CD110 CAF 38       DV or Port Collar         JS+       1980'       SUSA       Handling J H       Mileage         Col 1100'       100SA       FLOAT EQUIPMENT         Ch 300'       SOSA       Cantalizer       Contralizer         R       Ho'       Iost       Float Shoe       Contralizer         R       Handling J H       Float Shoe       Contralizer         R       SosA       Cantalizer       Contralizer         R       Ho'       Iost       Float Shoe       Contalizer         R       Ho'       Iost       Float Shoe       Pumptrk Charge       Pumptrk Charge         Mileage       32       Tax       Tax       Tax       Tax	Pumptrk XV Helper	Dick		//						
Butter       No.       Driver       Bitty       Calcium         JOB SERVICES & REMARKS       Hulls       Salt         Remarks:       Salt       Flowseal       GO #         Mouse Hole       Kol-Seal       Kol-Seal       Centralizers         Mouse Hole       Kol-Seal       Centralizers       Mud CLR 48         Baskets       CFL-117 or CD110 CAF 38       DV or Port Collar         Is+       1980       SOSA       Handling J # #         Is+       1980       SOSA       FLOAT EQUIPMENT         Calded Shoe       Centralizer       Centralizer         Is-       1100       10054       FLOAT EQUIPMENT         Calded Shoe       Centralizer       Centralizer         Is-       1054       AFU Inserts         K-       40'       1054       Float Shoe         Rat 30 sd       Latch Down       Pumptrk Charge Mug       Mileage         Mileage       32       Tax       Discount	Bulktrk 15 Driver	Drath		0						
JOB SERVICES & REMARKS       Hulls         Remarks:       Salt         Rat Hole $3D \le 1$ Rat Hole $3D \le 1$ Mouse Hole       Kol-Seal         Centralizers       Mud CLR 48         Baskets       CFL-117 or CD110 CAF 38         D/V or Port Collar       Sand $1s + 1980'$ $5054$ Handling $24' 4''$ Mileage       Mileage $1100'$ $10054$ FLOAT EQUIPMENT       Guide Shoe         Charles       Charles $40'$ $1054$ AFU Inserts       Float Shoe         Reference       Reference         Reference       Pumptrk Charge         Mileage $32''$ Reference       Tax		Billet				·				
Remarks:     Salt       Rat Hole     30 st     Flowseal     60 H       Mouse Hole     Kol-Seal     Kol-Seal       Centralizers     Mud CLR 48       Baskets     CFL-117 or CD110 CAF 38       DV or Port Collar     Sand       Is+     1980'       SUSL     Handling       Mileage     Mileage       Kol-Seal     Centralizer       Collar     Sand       Is+     1980'       SUSL     Handling       J100'     100 st       Guide Shoe     Centralizer       Circular     Baskets       Sust     AFU Inserts       Float Shoe     Float Shoe       Ref 30 sxt     Latch Down       Pumptrk Charge     Mileage       Mileage     32 /	JOB SERVICES	S & REMARKS								
Rat Hole       30 st       Flowseal       60 H         Mouse Hole       Kol-Seal       Mud CLR 48         Centralizers       Mud CLR 48         Baskets       CFL-117 or CD110 CAF 38         DN or Port Collar       Sand         Is+       1980'       S0 st         Mileage       Mileage         Ind       1100'       100 st         Ind       1100'       100 st         Ind       S0 st       Centralizer         Cincument       Baskets       Baskets         Ind       1100'       100 st       FLOAT EQUIPMENT         Guide Shoe       Centralizer       Centralizer         Cincument       Baskets       Baskets         Ind       10 st       AFU Inserts         Float Shoe       Statch Down       Statch Down         Intervent       Statch Down       Statch Down         Intervent       Intervent       Statch Down         Intervent       Statch Down       Statch Down         Intervent       Intervent       Statch Down         Intervent       Intervent       Statch Down         Intervent       Intervent       Statch Down         Intervent       Intervent <td>Remarks:</td> <td>· · · ·</td> <td></td> <td></td> <td></td> <td></td>	Remarks:	· · · ·								
Mouse Hole     Kol-Seal       Centralizers     Mud CLR 48       Baskets     CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       Is+     1980'       SOSK     Handling 24'9'       Mileage     Mileage       Int     1100'       100'     100 sk       FLOAT EQUIPMENT       Guide Shoe       Int     320'       Sosk     Centralizer       Cincular     Baskets       K     40'       Iosk     Float Shoe       Kat 30 sk     Latch Down       Pumptrk Charge     Mileage       Mileage     32	Rat Hole 3051									
Centralizers       Mud CLR 48         Baskets       CFL-117 or CD110 CAF 38         D/V or Port Collar       Sand         Ist 1980' SOSK       Handling J 4 9         Mileage       Mileage         Int 1100' 100SK       FLOAT EQUIPMENT         Guide Shoe       Guide Shoe         Int 320' SOSK       Control of the Centralizer         Cinculation       Baskets         Nh 40' 10SK       Float Shoe         Raft 30 sx       Latch Down         Pumptrk Charge       Mileage         Mileage       Tax										
Baskets       CFL-117 or CD110 CAF 38         D/V or Port Collar       Sand         Is+ 1980' 50sk       Handling 249         Mileage       Mileage         Cnl 1100' 100sk       FLOAT EQUIPMENT         Guide Shoe       Guide Shoe         Inl 320' 50sk (ament dfl the Centralizer       Circulate         Baskets       AFU Inserts         Kh 40' 10sk       AFU Inserts         Float Shoe       Pumptrk Charge         Mileage 32       Tax	Centralizers			· · · · · · · · · · · · · · · · · · ·						
DN or Port Collar     Sand       Ist 1980' SOSK     Handling J49       Mileage     Mileage       Int 1100' 100SK     FLOAT EQUIPMENT       Guide Shoe     Guide Shoe       Int 320' SOSK (amint differ Centralizer     Centralizer       Circumic     Baskets       K 40' 10SK     AFU Inserts       Float Shoe     Pumptrk Charge Mileage       Pumptrk Charge Mileage 32     Tax	Baskets					·				
$s \neq 1980'$ $S0sk$ Handling $\mathcal{J} \neq \mathcal{J}$ $Mileage$ Mileage $Cn \neq 1100'$ $100sk$ FLOAT EQUIPMENT         Guide Shoe       Guide Shoe $r \neq 300'$ $50sk$ $Coment differ         Circulate       Baskets       Handling         h = 40' 10sk       AFU Inserts         Float Shoe       Float Shoe       Handling         h = 40' 10sk       AFU Inserts         Float Shoe       Pumptrk Charge       Handling         Ra \neq 30sk       Latch Down       Tax   $	D/V or Port Collar			0110 CAF 38						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1st 1980 5	nsi		10						
Image: Solution     Image: Solution     FLOAT EQUIPMENT       Guide Shoe     Guide Shoe       Image: Solution     Guide Shoe	+22			1 /		· · · · · · · · · · · · · · · · · · ·				
Guide Shoe       N 320'     50 st (oment differ       Circulate     Baskets       K 40'     10 st       Float Shoe       Latch Down	'nd 1100' 10	0.51			NT					
No.     320'     50 st. Content did the Centralizer       Circultate     Baskets       In 40'     10 st.       Float Shoe       Ref 30 st.       Latch Down       Pumptrk Charge       Mileage       32			Guida Shoo	FLOAT EQUIPINE		· · · · · · · · · · · · · · · · · · ·				
Circulate Baskets h 40 1054 AFU Inserts Float Shoe Latch Down Pumptrk Charge plug Mileage 32	Nº 300' 50.	a coment del per								
K     40     1054     AFU Inserts       Float Shoe     Float Shoe       Latch Down       Pumptrk Charge       Mileage       32										
Ref 30 sx Latch Down Pumptrk Charge plug Mileage 32 Tax	k 40' 105									
Latch Down Pumptrk Charge plug Mileage 32 Tax Discount	<u> </u>	- <b>\</b>								
Pumptrk Charge plug Mileage 32	Rat 30 er									
Mileage 32				<u> </u>						
Mileage 32										
Mileage 32			Pumptrk Charge							
Tax				p/ug		· · · · · · · · · · · · · · · · · · ·				
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Iotal Charge	ismail and and		]		Total Charge					

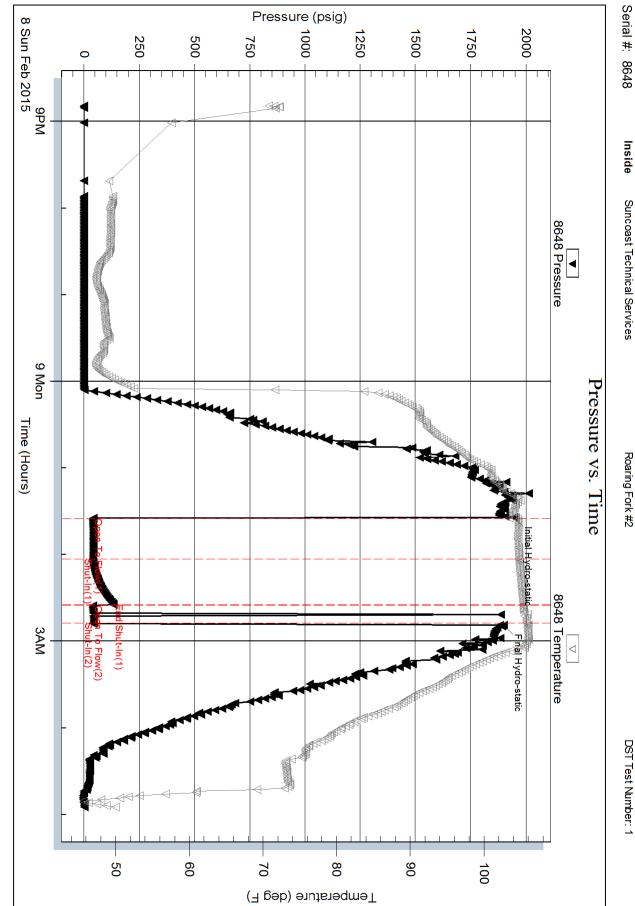
RILOBITE	DRILL STEM TES	TREP	ORT						
	Suncoast Technical Services			28-8s-23w Graham					
ESTING , INC	Po Box 860037 Plano TX, 75086			ing Fork		#· 1			
	ATTN: Jeff Law ler				)2.08 @ 20:49:00				
GENERAL INFORMATION: Formation: LKC "H-I" Deviated: No Whipstock:	ft (KB)		Test T		ventional Bottom	Hole (Initial)			
Time Tool Opened: 01:35:00 Time Test Ended: 04:55:15			Tester Unit No	,	/ Bloedorn				
Interval:3725.00 ft (KB) To37Total Depth:3775.00 ft (KB) (TVHole Diameter:7.88 inchesHole	(D)		Refere	ence Elevati KB to GF	2268.	00 ft (KB) 00 ft (CF) 00 ft			
Serial #: 8648InsidePress@RunDepth:41.87 psigStart Date:2015.02.08Start Time:20:49:05		2015.02.09 04:55:14	Capacity: Last Calib.: Time On Btr Time Off Btr	m: 2015	8000. 2015.02. 5.02.09 @ 01:34: 5.02.09 @ 02:49:	30			
Pressure vs. T	n and died, flushed tool, surged and	died. PULLED		SSURE S	SUMMARY				
2000	7 888 Tempositre	Time (Min.)	Pressure		nnotation				
1750		0			al Hydro-static				
1500		1 29			en To Flow (1) ut-ln(1)				
1270		60		104.77 Sin 105.34 End					
		61			en To Flow (2)				
200		73 75			ut-In(2) al Hydro-static				
97M 9Man Stan Feb 2015 Time (Hans)									
Recovery				Gas R					
Length (ft) Description	Volume (bbl)			Choke (inches	) Pressure (psig)	Gas Rate (Mcf/d)			
10.00 Mud, 100%M	0.05								
Trilobite Testing. Inc	Ref. No: 62415				5.02.09 @ 05:07				

	DRI	ILL STEM TEST REF	PORT	-		FLUID SI	JMMARY
RILOBITE	Sunco	ast Technical Services		28-8s-23w	Graham		
TESTING , INC		x 860037 TX, 75086		Roaring F			
		Jeff Law ler		Job Ticket: 6	015.02.08 @ 20	DST#:1	
. We all r.					.015.02.08 @ 20	0.49.00	
Mud and Cushion Information							
Mud Type:Gel ChemMud Weight:9.00 lb/galViscosity:61.00 sec/qtWater Loss:6.40 in³Resistivity:ohm.mSalinity:1200.00 ppm		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:		ft bbl psig	Oil API: Water Salinity:		deg API ppm
Filter Cake: 2.00 inches							
Recovery Information							
		Recovery Table			_		
Len f		Description		Volume bbl			
	10.00	Mud, 100%M		0.049	)		
Total Length:	10	0.00 ft Total Volume: 0	0.049 bbl				
Recovery Con	nments:						

Printed: 2015.02.09 @ 05:07:37

Ref. No: 62415





Roaring Fork #2

DST Test Number: 1

Inside Suncoast Technical Services