Confidentiality Requested: Yes No

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

1230521

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:, (e.gxxx. xxxxx)					
Name:	(e.g. xx xxxxx) (e.gxxx xxxxx) Datum: NAD27 NAD83 WGS84					
Wellsite Geologist:						
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
	Producing Formation:					
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at: Feet					
OG GSW Temp. Abd.						
CM (Coal Bed Methane)						
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?					
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 Eluid Management Blan					
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					
Dual Completion Permit #:	Dewatering method used:					
SWD Permit #:	Location of fluid disposal if hauled offsite:					
ENHR Permit #:						
GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West					
Recompletion Date 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	1230521
Operator Name:	Lease Name:	Well #:
Sec TwpS. R □ East □ West	County:	
INCTRUCTIONS. Show important tang of formations panatrated	Datail all aaraa Bapart all	final conice of drill stome tests giving interval tested, time test

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 Sh	eets)	Yes No	L	og Formatio	on (Top), Depth a	nd Datum	Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
	CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc.						
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	. CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth Ton Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
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

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

No

🗌 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		No	
Date of First, Resumed	I Product	ion, SWD or ENHI	٦.	Producing N	/lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODU										
Vented Solo (If vented, Su	d 🗌 I	Jsed on Lease		Dpen Hole Dther <i>(Specify)</i>	Perf.	_	Comp.	Commingled (Submit ACO-4)		

Form	ACO1 - Well Completion
Operator	Edison Operating Company LLC
Well Name	Carol Unruh 1-15
Doc ID	1230521

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
surface casing	12.25	8.625	24	507	Common	200	
production	7.875	5.5	15.5	5796	AA2	200	

BASIC ENERGY SERVICES PRESSURE PLIMPING & WIRELINE

FIELD SERVICE TICKET

		PING & WIRELINE					DATE TICKET NO	
DATE OF JOB 10-21-1	DISTRICT PRATT,	KS		NEW X		PROD INJ WDW CUSTOMER ORDER NO.:		
CUSTOMER COISON OPERATING CO.					LEASE CAP	SCL	ONRUH 1-15 WELL NO.	
ADDRESS				COUNTY KIDWA STATE KS				
CITY STATE					SERVICE CREW Sallorand, Earne, Phyl			
AUTHORIZED BY					JOB TYPE: CNW Sty Longst g			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	JIPMENT#	HRS	TRUCK CALLED 10-2119 PM TIME	
33708-20920	1	7-		1.5			ARRIVED AT JOB	
37900	-	24					START OPERATION AM 8.30	
27700							FINISH OPERATION	
							RELEASED AM 950	
							MILES FROM STATION TO WELL	

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

SIGNED:

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.

				(WELL OWN	ER, OPERATOR, CONT	RACTOR OR AG	BENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICE	S USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	т
CP 105	AN-2 Cast		sk	200		3,400	20
CP 105	AA-2 crafe		3K	50		850	ji)
CCIDS	C-41P		16	57		236	00
CC 111	SALT		15	1241		620	5U
CC 115	C-44		15	235		1.210	25
CC 129	71A-322		15	118		885	00
CC 201	Jesowite		16	1250		837	50
CF LOOT	LATCH Augus Playaberthe Ste		SM	1		400	du
CF 12-51	Auto Zill Hand fre		5A	1		360	OU.
CF 1451	Tudatoria		44	10		1,100	nd .
CC 151	MUD Fluty		GAL	500		750	64
C 704	CLAYPERK KCL Subs		gAL	7		245	01
2100	pyety me		m	45		202	50
2101	HPAULY Epopt nuc	1	m	90		675	00
E 113 -	Butt Belging		Tm	529		1.321	88
£ 206	Droth dichte 2000-6000		GM	1		2, 880	00
PE 240	Blenderg - makey		<u>sk</u>	250	1	350	0)
CE 504	Plug Constands Antal		90	4		250	120
5003	SORVIER Superiupand		91			175	2'
	EMICAL / ACID DATA:				SUB TOTAL	16,748.	63
		SERVICE & EQUIPM		9/ 7 4		10,1901	
		MATERIALS			X ON \$ X ON \$		
					IATOTAL	12,896	44
						exclusion and	
				That	k jos Hu		i f
SERVICE			0F		9 1	1	

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

FIELD SERVICE ORDER NO.

REPRESENTATIVE /

CLOUD LITHO - Ablene TX

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

	FIELD SERVICE TICKET
BASIC 10244 NE Hwy. 61 P.O. Box 8613	1718 11212 A
ENERGY SERVICES Pratt, Kansas 67124 Phone 620-672-1201	
PRESSURE PUMPING & WIRELINE 15-305-18V	DATE TICKET NO
DATE OF 0-9-14 DISTRICT Prate	NEW WELL PROD INJ WDW CUSTOMER WELL WELL ORDER NO.:
CUSTOMER E DISON OPERATING COMPANY 110	LEASE CAROL UNTUN WELL NOT -15
ADDRESS	COUNTY KIONA STATE KS
CITY STATE	SERVICE CREW Mattal, Magraw, Brachy
AUTHORIZED BY	JOB TYPE: CNW CONJUCIO
FOURMENT# HBS FOURMENT# HBS FOU	IDMENT# HDC TOHOU ONLISE DATE AM TIME

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED
37586						ARRIVED AT JOB
the transmission						START OPERATION
77686/19901	1					FINISH OPERATION
to strong a						Charles and Charle
19903/ 19860	1					PM C. C.
						MILES FROM STATION TO WELL 45

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. nhy SIGNED:X nd

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES US	ED UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	т
CP 10	A-con bland	54	200	- 'E	3,600	00
61 100 C	Common CMI	55	200		3 200	00
1						
66102	Celloriare	16	100		-370	00
60/09	Calcium Chloride	5	940		987	00
(F 157	WODAN Plug [] 3/8	PA	1		280	00
	1					
E 100 -	P. M. Philes	Mi	45		191	25
EIUL	Herry ey miles	m.	90		630	00
E II3	Plot t Bulk Del	710	8416		1,861	20
(= 201	B-714 Cherbs 5-4-1000	461			1,200	0)
6- 240	Blend & Mil Change	SK	400		560	00
- CE 500	Plus containt	Tak	1		250	00
5003	SUPERVISO	e A	1		175	00
						1
СН	EMICAL / ACID DATA:			SUB TOTAL	10,244	43
		VICE & EQUIPMENT		(ON\$		
	MAT	ERIALS	%TA>	ON \$		
				TOTAL		

SERVICE Phike Martal REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:X

FIELD SERVICE ORDER NO.

CLOUD LITHO - Ablene, TX

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

	RILOBITE	Edison Operating Company	15-30S-18W Kiowa							
	ESTING , INC.	8100 E 22nd St N Bldg 1900				rol Unru				
		Wichita, KS 67226			Job Ticket: 57772		DS	DST#:1		
		ATTN: Derek Patterson			Test Start: 2014.10.17 @ 07:58:33					
GENERAL INFO	RMATION:									
		ft (KB)			Tes Tes Unit	ter: I	Convent Leal Cas 74	ional Botto son	m Hole (Initial)
nterval: 502	4.00 ft (KB) To 50	52.00 ft (KB) (TVD)			Refe	erence Ele	evations	: 220	5.00 ft	(KB)
Total Depth:	5052.00 ft (KB) (Tv								0.00 ft	
lole Diameter:	7.88 InchesHole	Condition: Good				ĸВt	to GR/CF	•	5.00 ft	
Serial #: 6798 Press@RunDepth: Start Date: Start Time:	Inside 118.76 psig 2014.10.17 07:58:34	@ 5025.00 ft (KB) End Date: End Time:	-)14.10.17 17:06:18	Capacity Last Calit Time On Time Off	o.: Btm: 2		800 2014.1 .17 @ 11:3 .17 @ 14:3	0:33	sig
	ISI: No Blow Bac	BOB in 45 seconds								
	ISI: No Blow Back FF: Strong Blow ,	k BOB in 45 seconds ck		Time		RESSUR	-			
2700	ISI: No Blow Bacl FF: Strong Blow , FSI: No Blow Bac Pressure vs. T	k BOB in 45 seconds ck ime	- 123	Time (Min.)	Pressure (psig)	Temp (deg F)	Anno	otation		
2200	ISI: No Blow Bacl FF: Strong Blow , FSI: No Blow Bac Pressure vs. T	k BOB in 45 seconds ck ime	- 123 - 115 - 110		Pressure	Temp (deg F) 114.48	Anno Initial H			
2200	ISI: No Blow Bacl FF: Strong Blow , FSI: No Blow Bac Pressure vs. T	k BOB in 45 seconds ck ime	- 1115 - 1110 - 1105	(Min.) 0 1 16	Pressure (psig) 2570.67 91.93 77.87	Temp (deg F) 114.48 114.22 117.18	Anno Initial H Open ⁻ Shut-Ir	otation łydro-static To Flow (1) n(1)		
2200	ISI: No Blow Bacl FF: Strong Blow , FSI: No Blow Bac Pressure vs. T	k BOB in 45 seconds ck ime	- 115 - 110 - 105 - 100 	(Min.) 0 1 16 46	Pressure (psig) 2570.67 91.93 77.87 1064.58	Temp (deg F) 114.48 114.22 117.18 117.89	Anno Initial H Open ⁻ Shut-Ir End Sh	otation łydro-static Γο Flow (1) h(1) hut-ln(1)		
2200	ISI: No Blow Bacl FF: Strong Blow , FSI: No Blow Bac Pressure vs. T	k BOB in 45 seconds ck ime	- 115 - 110 - 105 - 100 - 95 - 95 - 95 - 95 - 95 - 95	(Min.) 0 1 16	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73 118.76	Temp (deg F) 114.48 114.22 117.18 117.89 117.92 119.35	Anno Initial H Open Shut-Ir End Sh Open Shut-Ir	tation lydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2)		
2000	ISI: No Blow Bacl FF: Strong Blow, FSI: No Blow Bac	k BOB in 45 seconds ck	- 115 - 110 - 105 - 100 	(Min.) 0 16 46 47	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73	Temp (deg F) 114.48 114.22 117.18 117.89 117.92	Anno Initial H Open Shut-Ir End Sh Open Shut-Ir End Sh	tation lydro-static To Flow (1) n(1) nut-In(1) To Flow (2)		
	ISI: No Blow Bacl FF: Strong Blow , FSI: No Blow Bac Pressure vs. T	k BOB in 45 seconds ck	- 115 - 119 - 105 - 55 - 55 - 5 - 55 - 5 - 55 - 5 - 55 - 70	(Min.) 0 1 16 46 47 91 180	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73 118.76 1106.65	Temp (deg F) 114.48 114.22 117.18 117.89 117.92 119.35 120.09	Anno Initial H Open Shut-Ir End Sh Open Shut-Ir End Sh	tation lydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2)		
	ISI: No Blow Bac FF: Strong Blow, FSI: No Blow Bac	k BOB in 45 seconds ck	- 115 - 119 - 105 - 55 - 55 - 5 - 55 - 5 - 55 - 5 - 55 - 70	(Min.) 0 1 16 46 47 91 180	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73 118.76 1106.65	Temp (deg F) 114.48 114.22 117.18 117.89 117.92 119.35 120.09 119.32	Anno Initial H Open Shut-Ir End Sh Open Shut-Ir End Sh	tation lydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) lydro-static		
2000 1000 500 500 500 500 500 500	ISI: No Blow Bac FF: Strong Blow, FSI: No Blow Bac	k BOB in 45 seconds ck	- 115 - 119 - 105 - 55 - 55 - 5 - 55 - 5 - 55 - 5 - 55 - 70	(Min.) 0 1 16 46 47 91 180	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73 118.76 1106.65	Temp (deg F) 114.48 114.22 117.18 117.89 117.92 119.35 120.09 119.32	Anno Initial H Open ⁻ Shut-Ir End Sh Gpen ⁻ Shut-Ir End Sh Final H	tation lydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) lydro-static		ate (Mcf/d)
2200 2000 1000 500 500 500 500 500 500	ISI: No Blow Bac FF: Strong Blow, FSI: No Blow Bac Pressure vs. T Resure	k BOB in 45 seconds ck	- 115 - 119 - 105 - 55 - 55 - 5 - 55 - 5 - 55 - 5 - 55 - 70	(Min.) 0 1 16 46 47 91 180	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73 118.76 1106.65	Temp (deg F) 114.48 114.22 117.18 117.89 117.92 119.35 120.09 119.32	Anno Initial H Open ⁻ Shut-Ir End Sh Gpen ⁻ Shut-Ir End Sh Final H	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) hut-In(2) hut-In(2) hydro-static		ate (Mct/d)
200 100	ISI: No Blow Bac FF: Strong Blow, FSI: No Blow Bac Pressure vs. T Resure Recovery Description 2 GIP VCW 12%G 18%O 20	k BOB in 45 seconds ck	- 115 - 119 - 105 - 55 - 55 - 5 - 55 - 5 - 55 - 5 - 55 - 70	(Min.) 0 1 16 46 47 91 180	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73 118.76 1106.65	Temp (deg F) 114.48 114.22 117.18 117.89 117.92 119.35 120.09 119.32	Anno Initial H Open ⁻ Shut-Ir End Sh Gpen ⁻ Shut-Ir End Sh Final H	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) hut-In(2) hut-In(2) hydro-static		ate (Mcf/d)
200 100	ISI: No Blow Bac FF: Strong Blow, FSI: No Blow Bac Pressure vs. T Pressure vs. T Transformed Back Back Back Back Back Back Back Back	k BOB in 45 seconds ck	- 115 - 119 - 105 - 55 - 55 - 5 - 55 - 5 - 55 - 5 - 55 - 70	(Min.) 0 1 16 46 47 91 180	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73 118.76 1106.65	Temp (deg F) 114.48 114.22 117.18 117.89 117.92 119.35 120.09 119.32	Anno Initial H Open ⁻ Shut-Ir End Sh Gpen ⁻ Shut-Ir End Sh Final H	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) hut-In(2) hut-In(2) hydro-static		ate (Mcf/d)
2000 200 2000 2	ISI: No Blow Bac FF: Strong Blow, FSI: No Blow Bac Pressure vs. T Resure Recovery Description 2 GIP VCW 12%G 18%O 20	k BOB in 45 seconds ck	- 115 - 119 - 105 - 55 - 55 - 5 - 55 - 5 - 55 - 5 - 55 - 70	(Min.) 0 1 16 46 47 91 180	Pressure (psig) 2570.67 91.93 77.87 1064.58 66.73 118.76 1106.65	Temp (deg F) 114.48 114.22 117.18 117.89 117.92 119.35 120.09 119.32	Anno Initial H Open ⁻ Shut-Ir End Sh Gpen ⁻ Shut-Ir End Sh Final H	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) hut-In(2) hut-In(2) hydro-static		ate (Mcf/d)

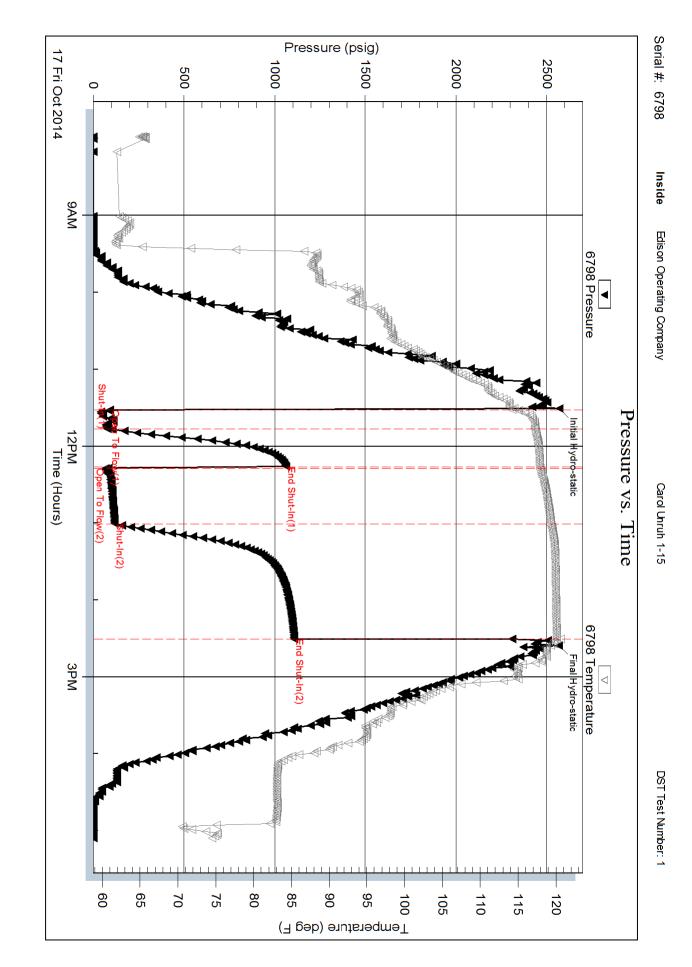
RILOBITE	Edison Operating Company		15-30S-18W Kiowa			
TESTING , INC.	8100 E 22nd St N Bldg 1900 Wichita, KS 67226		Carol Un	ruh 1-15	DOT# 4	
	ATTN: Derek Patterson		Job Ticket: 57772 DST#: Test Start: 2014.10.17 @ 07:58:33		DST#:1 2 07:58:33	
GENERAL INFORMATION:						
Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 11:31:18 Time Test Ended: 17:06:18	ft (KB)		Test Type: Tester: Unit No:	Convention Leal Cason 74	al Bottom Hole (Initial)	
Interval:5024.00 ft (KB) To50Total Depth:5052.00 ft (KB) (TVHole Diameter:7.88 inches Hole			Reference Kl	Elevations: B to GR/CF:	2205.00 ft (KB) 2200.00 ft (CF) 5.00 ft	
Serial #: 8367 Outside Press@RunDepth: psig Start Date: 2014.10.17 Start Time: 07:58:34 TEST COMMENT: IF: Strong Blow , IISI: No Blow Back	End Date: End Time: BOB in 90 seconds	2014.10.17 17:06:18	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2014.10.17	
FSI: No Blow Bac	BOB in 45 seconds k					
200	intec 830 Temperature 10 10 10 10 10 10 10 10 10 10	(Min.)	PRESSI Pressure Temp (psig) (deg F			
		(Min.)	Pressure Temp	Annotati		
		(Min.)	Pressure Temp (psig) (deg F	Annotati		
zij zij zij zij zij zij zij zij	ASU TOPECTALE	(Min.)	Pressure Temp (psig) (deg F	Annotati		
zm zm zm zm zm zm zm zm zm zm	230 Torpenake 230 Torpenake 240 To	(Min.)	Pressure Temp (psig) (deg F	Annotati	ion	
zio militaria di la construcción de la construcció	NUT TEMPERANE NUT TE	(Min.)	Pressure Temp (psig) (deg F	Annotati	ion	
200 200 200 200 200 200 200 200	NUT TEMPERANE NUT TE	(Min.)	Pressure Temp (psig) (deg F	Annotati	ion	

	RILOBITE	DRI	LL STEM TEST REPOR	FLUID SUMMARY	
	RILUDITE	Edison	Operating Company	wa	
	ESTING , INC	8100 F	22nd St N Bldg 1900	Carol Unruh 1-1	5
	•		a, KS 67226	Job Ticket: 57772	DST#:1
		ATTN:	Derek Patterson	Test Start: 2014.10.	
Mud and Cu	ushion Information				
			• • • • •		
• •	Sel Chem		Cushion Type:	Oil API:	0
Mud Weight: Viscosity:	10.00 lb/gal 56.00 sec/qt		Cushion Length: Cushion Volume:	ft Water S	Salinity: 85000 ppm
Water Loss:	9.59 in ³		Gas Cushion Type:		
Resistivity:	ohm.m		Gas Cushion Pressure:	psig	
Salinity:	6000.00 ppm			poig	
Filter Cake:	0.02 inches				
Recovery Ir	nformation				
			Recovery Table		
	Leng ft		Description	Volume bbl	
		0.00	2542 GIP	0.000	
		124.00	GOMCW 12%G 18%O 20%M 50%W	0.610	
		159.00	GOCM 20%G 20%O 60%M	1.101	
	Total Length:	283	8.00 ft Total Volume: 1.711 bb	I	
	Num Fluid Sam Laboratory Nar Recovery Com	me:	Num Gas Bombs: 0 Laboratory Location: N w as .09 @ 73 degrees	Serial #:	
			Laboratory Location: N w as .09 @ 73 degrees		



Ref. No: 57772

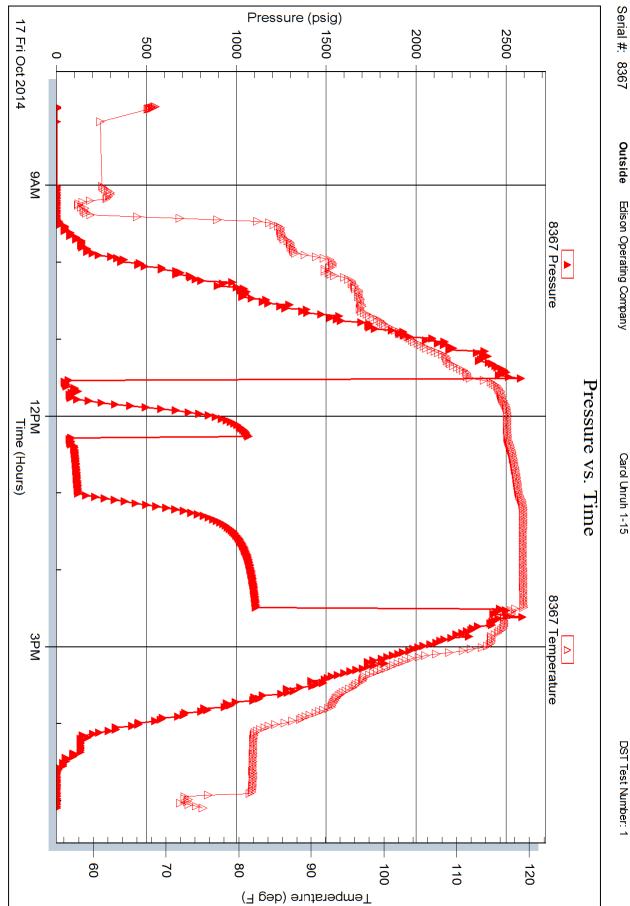






Ref. No: 57772

Trilobite Testing, Inc



DST Test Number: 1