Confidentiality Requested: Yes No

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

1171048

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.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:				
	Producing Formation:				
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:				
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
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 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 #:	Dewatering method used:				
Dual Completion Permit #:					
SWD Permit #:	Location of fluid disposal if hauled offsite:				
ENHR Permit #: GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Shud Data ar	Quarter Sec TwpS. R East _ West				
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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	1171048
Operator Name:	Lease Name:	Well #:
Sec TwpS. R □ East □ West	County:	
INCTRUCTIONS. Chow important tang of formations panatrated	Datail all aaroo Bapart al	I final conice of drill stome tests siving interval tested, time test

Depth

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		-	on (Top), Depth an		Sample
Samples Sent to Geolog	jical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			G RECORD				
		Report all strings se	-conductor, surface, inte	ermediate, product	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
		ADDITION	L CEMENTING / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Po	ercent Additives	
Protect Casing							

Did you perform a hydraulic fracturing treatment on this well?	Yes	No	(If No, skip questions 2 and 3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No	(If No, skip question 3)
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No	(If No, fill out Page Three of the

Plug Off Zone

As the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No (If No, fill out Page Three of the ACO-1)

 Shots Per Foot
 PERFORATION RECORD - Bridge Plugs Set/Type
 Acid, Fracture, Shot, Cement Squeeze Record

 Shots Per Foot
 Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record

TUBING RECORD:	Size	9:	Set At:		Packe	er At:	Liner R	un:	No	
Date of First, Resumed F	Productic	on, SWD or ENHF	? .	Producing M	ethod:	iping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO		AS: sed on Lease		Dpen Hole	METHOD	OF COMPLE	Comp.	Commingled (Submit ACO-4)	PRODUCTION IN	FERVAL:
(If vented, Subr	mit ACO-	18.)		Other (Specify)		Cubinit	100 0)	(Submit ACC-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Edison Operating Company LLC
Well Name	Bayer 2-20
Doc ID	1171048

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	387	60/40 poz	350	3% cc
production	8.625	5.5	15.5	3599	AA-2	125	

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

FIELD SERVICE TICKET 1718 09536 A

PRESSU	JHE PUM	PING & WIHELINE					DATE TICKET NO	
DATE OF JOB 11-21-13 DISTRICT PRATT KS					NEW X		PROD INJ WDW CUSTOMER ORDER NO.:	
CUSTOMER EDISON OPERATing				LEASE BAYER 2-20 WELL NO.				
ADDRESS				COUNTY Rice STATEKS				
CITY		STATE			SERVICE CR	EW Sa	Musid, GRAVES, Kurmand	
AUTHORIZED BY				JOB TYPE: CNW Str lowsty				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED 11-21-13 PM 2:30	
33708 - 20970	35	pm j					ARRIVED AT JOB	
19459 -19860	35	m					START OPERATION AM //35	
37900							FINISH OPERATION	
							RELEASED AMI;00	
NT:				1.			MILES FROM STATION TO WELL 75	

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. orter -

SIGNED: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE		\$ AMOUNT
CP 105	AA-2 cont	SK	125		1ª	2, 125 0
CP 103	60/40 poz cont	sK	50		100	600 00
C 105	C-41 Doformo	16	30		14	120 00
cc 111	SALT	16	573			286 50
CC 115	6-44	15	118			607 70
Cr 129	Hu D Loss	15	59			442 30
cc 201	riksowitz,	16	625			418 75
CF 607 1	LAtch down PlujaBarile Sth	9N	1			400 00
CF 1251	Auto Z.H INSent Hon Y Shar	gA	1		\mathbf{r}^{-1}	360 00
CF 1651	Tuebdin	51	9			290 00
CE 1901	BASKA	5 M	1			290 00
1 155	Juper Alark I	AL.	500			765.00
E 100	Seckif no	ní	75			318 25
E 101 "	Heavy Egnt m	n.	150			1,050 00
e 113	Bulk Darry	TM	604		-	966 00
7E 204	Depth chingo 3000-4000	SA	/			2,160 00
E 240	Blenday Mixing	SK	175			245 00
CE 504	Plus Low Jan Route	5M	/			25000
3003	Servin Lepanne	5A	/		1	17500

CHEMICAL / A	CID DATA:

ENERG

	SUB TOTA	9427.65
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
	Thank TOTA	L

60

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

FIELD SERVICE ORDER NO.

REPRESENTATIVE

1a. (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

per

OLOUD LITHO - Ablene, TK

SERVICE

BASIC ENERGY SERVICES PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET 1718 09368 A

FALOU					1		DATE TICKET NO	
DATE OF A-15-13 DISTRICT PIGTI						PROD INJ WDW CUSTOMER ORDER NO.:		
CUSTOMER EDISON OPERATIONS CU. LLC.				LEASE BAY WELL NO.2-				
ADDRESS			1."		COUNTY	Rite	STATE V	
CITY STATE				SERVICE CREW MATTAL STATES PULLE				
AUTHORIZED BY			- 44		JOB TYPE:	tra	w solution	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	JIPMENT#	HRS	TRUCK CALLED	
37586	15			1			ARRIVED AT JOB	
33708/20420	5						START OPERATION	
27 01 20 110	- 5		-	-			FINISH OPERATION	
19959/19860	5		-				RELEASED	
					S. May		MILES FROM STATION TO WELL	

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.

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES U	JSED UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	т
CP103	60/40 POZ	54	3.50		4,200	00
CC 102	CELLUFIRFE	13	87		321	90
(C 109	CATCINO CHIONOY	10	903		948	15
	Net and the second s		<u> </u>			
CF 153	WOODM CAT Pluy 878	en	-1		160	49
E100	F. H. Miles	ME	75		318	75
E 101	Hertry eq. miles	m5	150		1,050	00
E 113	Prof + Bulh Del.	Tri	129		1,806	DU
Ce 200	DEPTH CHARGE 0= 500'	4 11 - 3	1		1,000	0.V
Ce 240	Blend + Mik Chaist	78	350		490	
CC 504	PING CONT - UTILIZATION	TPY	1		250	
3003	Selvine Suprevisor	C1	1		175	00.
	the second s					
			I			
СНЕ	MICAL / ACID DATA:			SUB TOTAL	8,039	85
		ERVICE & EQUIPMENT	%TA	ON \$		
	N	IATERIALS	%TA	CON \$		
				TOTAL	3	

SERVICE REPRESENTATIVE MIKE MATTAL THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X 10,044 1 Jord

FIELD SERVICE ORDER NO:

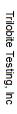
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

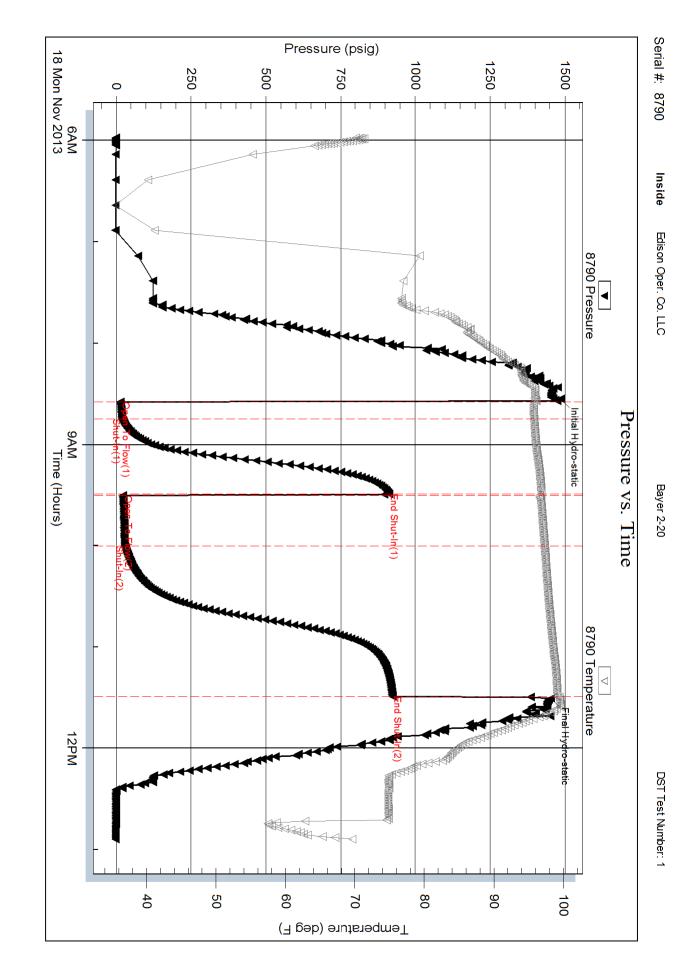
RILOBITE	DRILL STEM TES	STREP	URT			
	Edison Oper. Co. LLC		20-2	20s-10w	Rice Co.	KS
ESTING , IN	8100 E. 22nd St. N. Bldg. 1900 Wichita, KS 67226		-	/er 2-20 Ticket: 52		DST#:1
	ATTN: Adam Nyhsw onger)13.11.18 @	-
Formation: LKC D-F						
Deviated: No Whipstock Time Tool Opened: 08:34:41 Time Test Ended: 12:54:11	0.00 ft (KB)		Test Test Unit	er: I	Conventiona Ryan Reynol 48	l Bottom Hole (Initial) lds
Total Depth: 3074.00 ft (KB)	3074.00 ft (KB) (TVD) TVD) ole Condition: Fair		Refe	erence Ele	evations: o GR/CF:	3078.00 ft (KB) 3074.00 ft (CF) 4.00 ft
						4.00 11
Serial #: 8790 Inside Press@RunDepth: 28.81 psig Start Date: 2013.11.13 Start Time: 05:58:10	B End Date: B End Time:	2013.11.18 12:54:10	Capacity: Last Calib Time On E Time Off I	o.: Btm: 2	2013.11.18 (2013.11.18 (
TEST COMMENT: IF: Weak blow ISI: No blow FF: Weak blow FSI: No blow						
Pressure v V 8750 Pressure	s. Time 1750 Temperature					
1500 1500		Time (Min.) 0 2 12 57 58 88 177 178	Pressure (psig) 1485.41 14.52 18.82 912.45 22.99 28.81 924.19 1454.13	Temp (deg F) 95.84 95.74 95.75 96.83 96.54 97.27 99.11 99.43	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	o-static ow (1) n(1) ow (2) n(2)
Recover	ý		ļļ	Ga	s Rates	
Length (ft) Description	Volume (bbl)			Choke (i	nches) Pressur	re (psig) Gas Rate (Mcf/d)
50.00 SLI GCM trc%gas, 999 0.00 O sptd M in hyd. tool	6mud 0.25 0.00					

		ILL STEM TEST REPOR	T	FI	LUID SUMMAR
	ITE Ediso	n Oper. Co. LLC	20-20s-10v	v Rice Co. KS	;
ES IES	ING , INC. 8100	E. 22nd St. N. Bldg. 1900	Bayer 2-20	D	
	Wichi	a, KS 67226	Job Ticket: 5		DST#:1
	ATTN	: Adam Nyhsw onger	Test Start: 2	013.11.18 @ 05:5	58:11
Mud and Cushion Info	ormation				
Mud Type: Gel Chem	<i>/</i> 1	Cushion Type:	<i>c.</i>	Oil API:	deg API
Mud Weight: 9.00 II /iscosity: 42.00 s	-	Cushion Length: Cushion Volume:	ft bbl	Water Salinity:	5500 ppm
Nater Loss: 8.79 ii		Gas Cushion Type:	bbi		
		Gas Cushion Pressure:	psig		
Salinity: 5500.00 p Filter Cake: 0.02 i	-				
Recovery Information)				
		Recovery Table		1	
	Length ft	Description	Volume bbl		
	50.00	SLI GCM trc%gas, 99%mud	0.246	5	
	0.00	O sptd M in hyd. tool	0.000)	
Tot	al Length: 5	0.00 ft Total Volume: 0.246 bb	bl		
	boratory Name: covery Comments:	Laboratory Location:			

Printed: 2013.11.18 @ 13:44:49

Ref. No: 52473



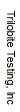


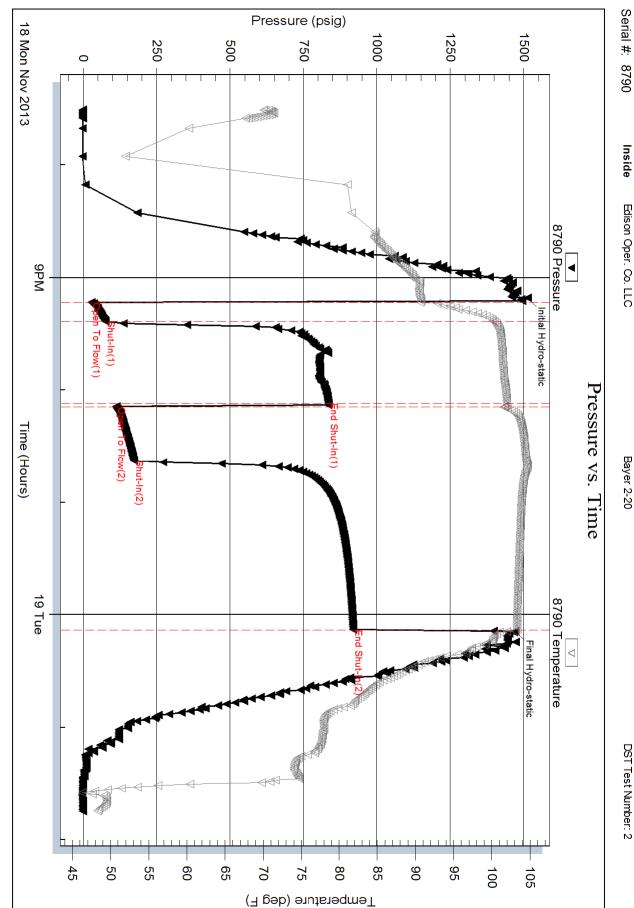
RILOBITE	DRILL STEM TES	TREP	ORT			
	Edison Oper. Co. LLC		20-20)s-10w	Rice Co. K	S
ESTING , INC.	8100 E. 22nd St. N. Bldg. 1900 Wichita, KS 67226		-	e r 2-20 cket: 52		DST#:2
	ATTN: Adam Nighsw onger				.474)13.11.18 @ 19	-
	ATTN. Adamnighswonger		Test 5	otart. 20	/13.11.10 @ 13	
GENERAL INFORMATION:						
Formation:LKC GDeviated:NoWhipstock:Time Tool Opened:21:13:07Time Test Ended:01:44:52	Test Type: Conventional Bottom Hole (Res Tester: Ryan Reynolds Unit No: 48					
Interval:3070.00 ft (KB) To30Total Depth:3087.00 ft (KB) (The construction of the con	Reference Elevations: 1741.00 ft (KB) 1735.00 ft (CF) KB to GR/CF: 6.00 ft					
				-		
Serial #: 8790InsidePress@RunDepth:172.76 psig	@ 3071.00 ft (KB)		Capacity:			8000.00 psig
Start Date: 2013.11.18	End Date:	2013.11.19	Last Calib.:		20	13.11.19
Start Time: 19:30:27	End Time:	01:44:51	Time On Btr Time Off Bt		2013.11.18 @ 2013.11.19 @	
FSI: Weak surf. Pressure vs. 7	îme		PRE	SSUR	RE SUMMAF	RY
T 8790 Pressure	5750 Temperature Faust Hybro-state:	Time		Temp	Annotation	
		(Min.)		deg F)	la Wali kudaa ja	4-4-
		03	1512.68 28.14	90.69 90.59	Initial Hydro-s Open To Flow	
	50	13		100.27	Shut-In(1)	
		57			End Shut-In(1	,
		58 87		101.66 104.48	Open To Flow Shut-In(2)	/(2)
				101.10		
* ENG / FILH !!!		178		103.29	End Shut-In(2	2)
		178 178	920.16	103.29 101.96	End Shut-In(2 Final Hydro-s	
		178 178	920.16			
500 200 200 200 200 200 200 200	9 he	178	920.16	101.96 Ga:	Final Hydro-s	tatic
s Mar Nov 2013 S Mar Nov 2013 Length (ft) Length (ft)	volume (bbl)	178 178	920.16	101.96	Final Hydro-s	tatic
B Mar Nov 2013 E Mar Nov 2013 E Length (ft) 245.00 VSLI OCMW trc%oil, 209	Volume (bbl) 6mud, 80%w tr 1.24	178	920.16	101.96 Ga:	Final Hydro-s	tatic
500 Image: Control of the second	Volume (bbl) 6/mud, 80% w tr 1.24 30%mud, 63% v t1.26	178	920.16	101.96 Ga:	Final Hydro-s	
sternov 2023 Length (ft) 245.00 VSLI OCMW trc%oil, 209	Volume (bbl) 6mud, 80%w tr 1.24	178	920.16	101.96 Ga:	Final Hydro-s	
500 500 200 500 200 500 200 500 200 500 200 500 200 500 200 700 200 VSLI OCMV trc%oil, 209 90.00 OGCMW 2%oil, 5%gas, 1	Volume (bbl) 6/mud, 80% w tr 1.24 30%mud, 63% v t1.26	178	920.16	101.96 Ga:	Final Hydro-s	
500 500 200 500 200 500 200 500 200 500 200 500 200 500 200 700 200 VSLI OCMW trc%oil, 209 90.00 OGCMW 2%oil, 5%gas, 1	Volume (bbl) 6/mud, 80% w tr 1.24 30%mud, 63% v t1.26	178	920.16	101.96 Ga:	Final Hydro-s	

		DRI	LL STEN	ITEST F	REPORT	-		FLUID SU	JMMARY
	LOBITE ESTING , INC.	Edison	Oper. Co. LLC			20-20s-10v	v Rice Co.	KS	
I ESTING ,	ESTING , INC.		. 22nd St. N. Blo , KS 67226	lg. 1900		Bayer 2-20 Job Ticket: 5		DST#:2	
		ATTN:	Adam Nighsw	onger		Test Start: 2	013.11.18 @ 1	19:30:22	
Mud and Cushior	n Information								
Viscosity: 4: Water Loss: 4: Resistivity: Salinity: 550	n 9.00 lb/gal 2.00 sec/qt 8.78 in ³ ohm.m 0.00 ppm 0.02 inches		Cushio Gas Cu	n Type: n Length: n Volume: ishion Type: ishion Pressure	:		Oil A PI: Water Salinity	: 73000	deg API) ppm
Recovery Informa	ation								
		łb		ery Table		\/ ~ h	1		
	Lengt ft	ih	Des	cription		Volume bbl			
		245.00		c%oil, 20%mud		1.241	-		
		90.00 0.00	60' GIP	l, 5%gas, 30%n	1ud, 63%W tr	1.262 0.000			
	Total Length:	335.	.00 ft Tota	al Volume:	2.503 bbl		-		
	Num Fluid Samp Laboratory Nam Recovery Com	ne:		n Gas Bombs: oratory Location	0):	Serial #.	: none		

Printed: 2013.11.19 @ 04:42:45

Ref. No: 52474





Bayer 2-20

DST Test Number: 2

Inside Edison Oper. Co. LLC

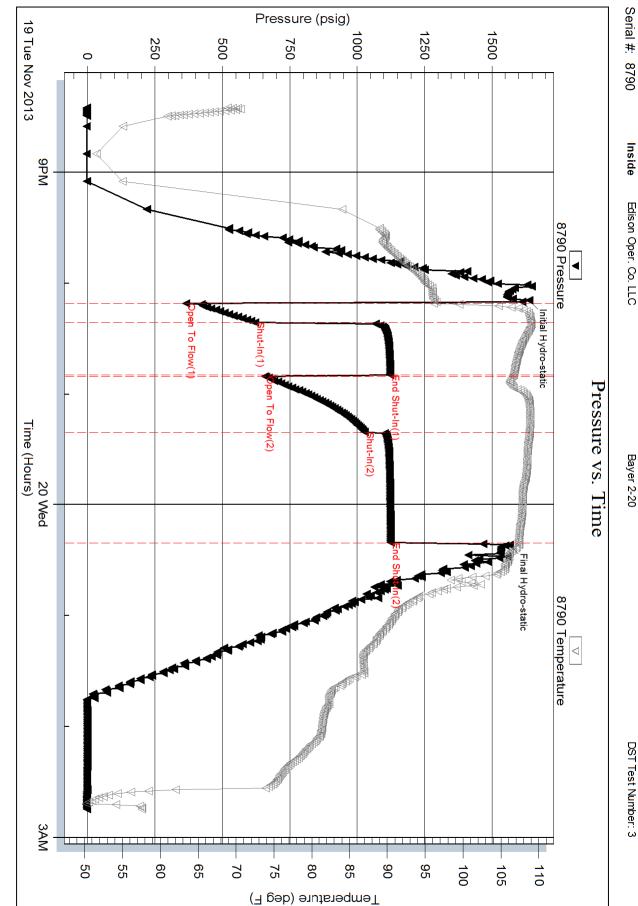
RILOBITE	DRILL STEM TES	STREP	JRI					
	Edison Oper. Co. LLC	20-20s-1	20-20s-10w Rice Co. KS					
ESTING , INC.	8100 E. 22nd St. N. Bldg. 1900 Wichita, KS 67226		Bayer 2- Job Ticket:		DST	#• 3		
	ATTN: Adam Nighsw onger				.19 @ 20:25:00			
GENERAL INFORMATION:								
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Opened:22:10:45Time Test Ended:02:44:30	0.00 ft (KB)		Test Type: Tester: Unit No:		ntional Bottom Reynolds	Hole (Reset)		
Interval:3240.00 ft (KB) To32Total Depth:3295.00 ft (KB) (TVHole Diameter:7.88 inches Hole			Reference k	Elevation	1735.	00 ft (KB) 00 ft (CF) 00 ft		
Serial #: 8790InsidePress@RunDepth:1029.94 psigStart Date:2013.11.19Start Time:20:25:05TEST COMMENT:IF: Strong blow . ISI: Weak surf. b	End Date: End Time: BoB @ 1min.	2013.11.20 02:44:29	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000. 2013.11. 1.19 @ 22:09: 1.20 @ 00:21:	15		
FF: Strong blow . FSI: Weak surf. I Pressure 553 Ressure	ime 8790 Tempenare	Time	PRESS Pressure Tem		JMMARY			
759 759 759 759 759		(Min.) 0 2 12 12 41 41 72 132	(psig) (deg 1637.82 96. 366.20 96. 622.29 108. 1123.61 106. 657.19 106. 1029.94 108. 1124.97 107.	F) 28 Initial 12 Oper 92 Shut- 68 End \$ 51 Oper 76 Shut- 31 End \$	Hydro-static To Flow (1) In(1) Shut-In(1) To Flow (2) In(2) Shut-In(2)			
200 200 200 200 3FM 3FM 3FM 3FM 3FM 3FM 3FM 3FM		133	1565.79 107.	33 Final	Hydro-static			
Recovery			(Gas Rat	es			
Length (ft) Description	Volume (bbl)		Cho	ke (inches)	Pressure (psig)	Gas Rate (Mcf/d)		
1970.00 GCMW trc%gas, 5%mu								
		1						
500.00 GCWM 5%gas, 45%w tr 0.00 60' GIP	0.00							
500.00 GCWM 5%gas, 45%w tr								

	DRILL STEM TEST REPORT	- FLUID SUMMARY
RILOBITE	Edison Oper. Co. LLC	20-20s-10w Rice Co. KS
ESTING , INC.	8100 E. 22nd St. N. Bldg. 1900 Wichita, KS 67226	Bayer 2-20
		Job Ticket: 52475 DST#:3
	ATTN: Adam Nighswonger	Test Start: 2013.11.19 @ 20:25:00
Mud and Cushion Information		
Mud Type: Gel Chem	Cushion Type:	Oil API: deg API
Mud Weight:9.00 lb/galViscosity:51.00 sec/qt	Cushion Length: Cushion Volume:	ft Water Salinity: 29000 ppm bbl
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure:	psig
Salinity: 7100.00 ppm Filter Cake: 0.02 inches		
Recovery Information	Recovery Table	
Lengi	-	Volume
ft		bbl
	970.00 GCMW trc%gas, 5%mud, 95%w tr 500.00 GCWM 5%gas, 45%w tr, 50%mud	<u>25.439</u> 7.014
	0.00 60' GIP	0.000
Total Length:	2470.00 ft Total Volume: 32.453 bbl	
Num Fluid Samp	oles: 0 Num Gas Bombs: 0	Serial #: none
Laboratory Nam		
Recovery Com	nents:	

Printed: 2013.11.20 @ 08:23:55

Ref. No: 52475





Bayer 2-20

DST Test Number: 3

Inside

Edison Oper. Co. LLC