

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1079760

Form ACO-1 June 2009 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 North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil       WSW       SWD       SIOW         Gas       D&A       ENHR       SIGW         OG       GSW       Temp. Abd.         CM (Coal Bed Methane)       Cathodic       Other (Core, Expl., etc.):	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: feet depth to: w/ sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan         (Data must be collected from the Reserve Pit)         Chloride content: ppm Fluid volume: bbls         Dewatering method used:         Location of fluid disposal if hauled offsite:         Operator Name:         Lease Name:         Quarter Sec         TwpS. R         Description
GSW Permit #:	County: Permit #:
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date         Recompletion Date	

### 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
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken		Yes No	o [	Log Formati	ion (Top), Depth an	id Datum	Sample
(Attach Additional She Samples Sent to Geolog		Yes N		Name		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	Yes No Yes No Yes No	)				
List All E. Logs Run:							
			ING RECORD	New Used	ction oto		
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 / SQUEEZE RECORD

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

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge F Each Interval		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	<b>λ</b> .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC	)-18.)		Other (Specify)	)					

Form	ACO1 - Well Completion
Operator	HERMAN L. LOEB, LLC
Well Name	Charles Einsel 3-21
Doc ID	1079760

Tops

Name	Тор	Datum
Heebner	4104	-1798
Lansing	4248	-1942
ВКС	4652	-2346
Marmaton	4669	-2363
Cherokee	4784	-2478
Mississippian	4856	-2550
Spergen	4863	-2557
Warsaw B	4892	-2594

RILOBITE	DRILL STEM TES	TREP	ORT			
	Herman L.Loeb LLC		21-27s-20	w Kiowa	a Ks.	
ESTING , INC.	P.O.Box 838 Law renceville II.62437		C. Einsel Job Ticket:		DST	<b>#• 1</b>
	ATTN: Tom Pronold				1 @ 18:41:41	
GENERAL INFORMATION:						
Formation:SpergenDeviated:NoWhipstock:Time Tool Opened:21:08:11Time Test Ended:00:36:11	ft (KB)		Test Type: Tester: Unit No:	Conventi Gary Pev 56	onal Bottom oteaux	Hole (Initial)
Interval:         4859.00 ft (KB) To         48           Total Depth:         4880.00 ft (KB) (TN         48           Hole Diameter:         7.88 inches Hole         48			Reference KI	Elevations: B to GR/CF	2295.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8167InsidePress@RunDepth:psigStart Date:2012.02.14Start Time:18:41:42TEST COMMENT:IF:Strong blow . F	End Date: End Time:	2012.02.15 00:36:11	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000. 2012.02. 14 @ 21:07: 14 @ 21:19:	11
Lost alot of mu Pressure vs. T	ime	Timo		JRE SUM		
200 000 100 100 100 100 100 100	To reveal to the second	Time (Min.) 0 1 13	Pressure (psig)         Temp (deg F           2416.56         111.9           1390.70         111.4           2395.57         112.2	7) 95 Initial Hy 17 Open T	ation /dro-static o Flow (1) /dro-static	
Recovery			G	as Rates	6	
Length (ft)     Description       490.00     Drlg.mud	Volume (bbl) 4.90		Chok	e (inches) Pr	essure (psig)	Gas Rate (Mct/d)

	DRI	LL STEM TEST REPO	RT	F	LUID SUMMARY
RILOBITE	Hermar	n L.Loeb LLC	21-27s-20	w Kiowa Ks.	
ESTING , INC.	P.O.Bo	x 838	C. Einsel	#3-21	
	Law rei	nceville II.62437	Job Ticket: 4	45735	DST#:1
	ATTN:	Tom Pronold	Test Start: 2	2012.02.14 @ 18:	41:41
Mud and Cushion Information					
Mud Type: Gel Chem		Cushion Type:		Oil A PI:	deg API
Mud Weight: 9.00 lb/gal		Cushion Length: Cushion Volume:	ft bbl	Water Salinity:	4000 ppm
Viscosity: 43.00 sec/qt Water Loss: 8.39 in <sup>3</sup>		Gas Cushion Type:	Idd		
Resistivity: 0.00 ohm.m		Gas Cushion Pressure:	psig		
Salinity: 4000.00 ppm Filter Cake: 0.20 inches					
Recovery Information					
		Recovery Table			
Leng	th	Description	Volume bbl		
	490.00	Drlg.mud	4.89	7	
Total Length:	490	.00 ft Total Volume: 4.897	bbl		
Num Fluid Samp	oles: 0	Num Gas Bombs: 0	Serial #	: none	
Laboratory Nam		Laboratory Location:			
Recovery Com	nents:				

Printed: 2012.02.15 @ 15:16:21

40

л О 60

80

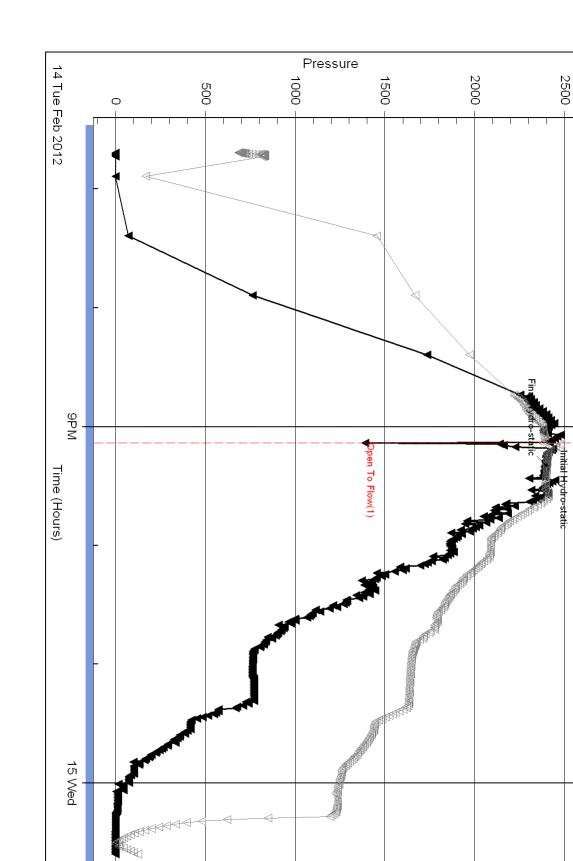
Temperature

70

90

Ref. No: 45735

Trilobite Testing, Inc



C. Einsel #3-21

Pressure vs. Time

⊠ 8167 Temperature

110

100

DST Test Number: 1

Serial #: 8167 Inside Herman L.Loeb LLC

₹ 8167 Pressure

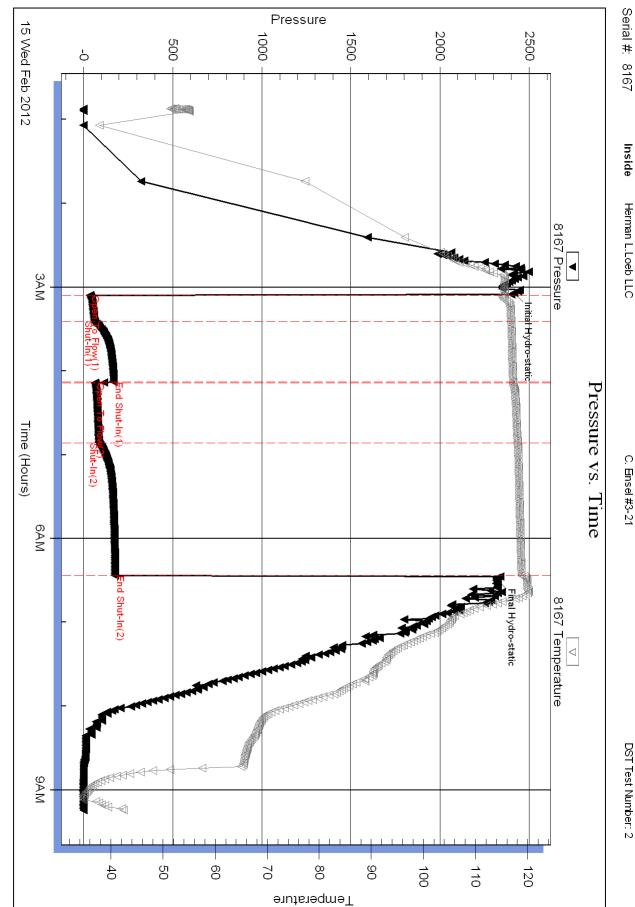
Testing , Mo       P.O. Box 838 Law rencevile L62437       C. Einsel #3-21         ATTN: Tom Pronoid       Test Start: 2012.02.15 @ 00.52.25         GENERAL INFORMATION:       Formation:       Spergen         Formation:       Spergen         Deviated:       No. Whipstock: ft (KB)       Test Type: Conventional Bottom Hole (Reset         Time Task Ended:       0014:10       Uk No:       56         Interval:       4810.00 ft (KB) (TVD)       Reference Eevations:       2306.00 ft (KB)         Table Dameter:       7.88 inches-Hole Condition:       KB to GROFF: 11.00 ft       2295.00 ft (CF)         Start Date:       2012.02.15       End Time:       2012.02.15       800.000 ppig         Start Date:       2012.02.15       End Time:       2012.02.15       00.14.10       100 ft         Start Date:       2012.02.15       End Time:       2012.02.15       00.62.940         TEST COMMENT:       F:Weak to far blow.       F:Weak to far blow.       F:Weak to far blow.       F:Weak to far blow.       F:File Bod Shut-h(1)         Time On Birry       2012.02.15       06.29.40       Time On Birry       2012.02.15       Montalion         Start Time:       002.20.21       05.84       Time On Birry       2012.02.15       Montalion         Birly Davit	RILOBITE	DRILL STEM TES	ST REP	ORT			
Law randowlie 162437     Law randowlie 1624     Law randowlie 162     Law randowlie 1624     Law randowlie 1624     Law randowlie 1624     Law randowlie 162     Law randowlie 1624     Law randowlie 162     Law randow				21-27	7s-20w Kio	owa Ks.	
ATTN: Tom Pronold Test 145/36 DST#:2 ATTN: Tom Pronold Test Start: 2012.02.15 @ 00:52.25 DEFINITION: Formation: Sporgen Deviated: No Whipstock: ft (KB) Time Test Ended: 05:14:10 Interval: 4800.00 ft (KB) (TVD) Total Depin: 4800.00 ft (KB) (TVD) Total Depin: 4800.00 ft (KB) (TVD) Total Depin: 7.85 InchesHole Condition: KB to GRCF: 11.00 ft Sant Date: 2012.02.15 @ 00:22.85 Sant Date: 2012.02.15 @ 00.00 psig Sant Date: 2012.02.15 @ 06:29.40 TEST COMMENT: F: Weak blow. Slow increase to 4°. SINo blow. FF:Weak to fair blow. FF:We	ESTING , INC.	1.0.D0X 000					
CENERAL INFORMATION:         GENERAL INFORMATION:         Deviate:       No       Whipstock:       ft (KB)       Test Type:       Conventional Bottom Hole (Reset         Deviate:       No       Whipstock:       ft (KB)       Test tree:       Gary Pevoteaux         Unit No:       56       Set 10000 ft (KB) (TVD)       Reference Bevations:       200.00 ft (KB)         Total Depth:       748 incheshbe Condition:       KB to GRUCE:       800.00 op sig         Sant Date:       2012.02.15       End Time:       2012.02.15       Botto Date:         Situb blow       Situb blow       Situb blow       Immediate       2012.02.15       Botto Date:         Tree:       Situb blow       Situb blow       Immediate       2012.02.15       Botto Date:         Situb blow       Situb blow       Situb blow       Immediate       Pressure Tree:       2012.02.15       Botto Time:         2012.02.15       End Time:       2012.02.15       End Time: <t< td=""><td></td><td>ATTN: Tom Dropold</td><td></td><td></td><td></td><td></td><td></td></t<>		ATTN: Tom Dropold					
Spergen Deviated:       No       Whipstock:       ft (KB)       Test Type:       Conventional Bottom Hole (Reset Tester:       Gary Pevoteaux         Imer Dot Opencie (30:6:55)       110       11       2306.00 ft (KB) (TVD)       Reference Bevations:       2306.00 ft (KB)         Test Type:       2012.02.15       End there:       2012.02.15       Bit No bet:       2012.02.15         Sant Dele:       2012.02.15       End Time:       2012.02.15       Bit No bet:       2012.02.15         Sant Dele:       2012.02.15       End Time:       2012.02.15       Bit No bet:       2012.02.15         Sant Dele:       2012.02.15       End Time:       08:14:10       Time On Bim:       2012.02.15       Bit No bet:         TEST COMMENT:       F:Weak to fair Ibov:       1 > 5 1/2'.       Fistim blow.       Pressure Time       2012.02.15       Bit No bot:         Pressure Time       Pressure Time       Time Off Bim:       2012.02.15       Bit No bot:         Pressure Time         Pressure Time       Pressure Time         Pressure Time         Pressure Time         Pressure Time         Pressure Time         Pressure Time       Pressure Time      <		ATTN. TOM PTONOIO		Test	Start. 2012.0	2.15 @ 00.52.2	5
Deviate: No Whipstock: ft (KB) Time Tool Opened: 03:05:55 Inter val: 4810.00 ft (KB) To 4880.00 ft (KB) (TVD) Total Depth: 4800.00 ft (KB) (TVD) Hole Dameter: 7.83 Inches Hole Condition: Serial #: 8167 Inside Press@RunDpth: 2012.02.15 End Date: 00:14:10 Time: 00:52:26 End Time: 00:14:10 TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. Slow increase to 4'. ISNo blow. TEST COMMENT: F: Weak blow. TEST COM							
Total Depth:       4880.00 ft (KB) (TVD)       2295.00 ft (CF)         hile Dameter:       7.88 incheshole Condition:       KB to GRCF:       11.00 ft         Serial #:       11.00 ft       KB to GRCF:       10.00 ft         Press@RunDepth:       2012.02.15       End Date:       2012.02.15 <t< td=""><td>Deviated: No Whipstock: Time Tool Opened: 03:05:55</td><td>ft (KB)</td><td></td><td>Tester</td><td>r: Gary</td><td></td><td>Hole (Reset)</td></t<>	Deviated: No Whipstock: Time Tool Opened: 03:05:55	ft (KB)		Tester	r: Gary		Hole (Reset)
Press@RunDepth:       86.04 psig @       4811.00 ft (KB)       Capacity:       8000.00 psig         Start Time:       00152.26       End Date:       2012.02.15       Last Calib:       2012.02.15       2012.02.15       2012.02.15       0014110       Time On Bim:       2012.02.15       000.00 psig         Start Time:       00152.26       End Time:       0914110       Time On Bim:       2012.02.15       000.00 psig         TEST COMMENT:       F:Weak blow. Slow increase to 4*.       StNo blow.       F:Weak to fair blow. 1 - 5 1/2".       FStNo blow.         Pressure vs Time         Open To Flow (1)         116 00 Point (2)         12 02 05 COM 3% of 3% of 3%         Open To Flow (2)         Sea Rates <tr< td=""><td>Total Depth: 4880.00 ft (KB) (TV</td><td>/D)</td><td></td><td>Refere</td><td></td><td>2295</td><td>.00 ft (CF)</td></tr<>	Total Depth: 4880.00 ft (KB) (TV	/D)		Refere		2295	.00 ft (CF)
Start Date:       2012.02.15       End Date:       2012.02.15       Last Calib.:       2012.02.15       2012.02.15         Start Time:       00:52.26       End Time:       2012.02.15       Last Calib.:       2012.02.15       2012.02.15       00:52.40         TEST COMMENT:       FF.Weak blow. Slow increase to 4*.       StMo blow.       FF.Weak to fair blow. 1 - 5       1/2".       FSINo blow.         Pressure vs. Time       Pressure vs. Time       Pressure vs. Time       Time Off Bim       2012.02.15       Monotation         Image: display to the pressure vs. Time       FF.Weak to fair blow. 1 - 5       1/2".       FSINo blow.       Pressure vs. Time       Time Off Bim       2012.02.15       Monotation         Image: display to the pressure vs. Time       Freesure vs. Time       Time Off Bim       2012.02.15       Monotation         Image: display to the pressure vs. Time       Freesure vs. Time       Freesure vs. Time       Time Off Bim       2012.02.15       Monotation         Image: display to the pressure vs. Time       Freesure vs. Time       Freesure vs. Time       Time Off Bim       2012.02.15       Monotation         Image: display to the pressure vs. Time       Freesure vs. Time       Freesure vs. Time       Freesure vs. Time       Monotation         Image: display to the presure vs. Time       Freesure vs. Tim	Serial #: 8167 Inside						
Start Time:     00:52:26     End Time:     09:14:10     Time On Bitr:     2012.02:15 @ 06:29:40       TEST COMMENT:     F:Weak blow. Slow increase to 4". ISHNo blow.     Shino blow.     F:Weak to fair blow. 1 - 5 1/2". FSINo blow.     F:Weak to fair blow. 1 - 5 1/2". FSINo blow.     Freesure v. Time     PRESSURE SUMMARY       Image:     Image:     Image:     115.50     Initial Hydro-static       Image:     Image:     Image:     2415.83     115.51     Initial Hydro-static       Image:     Image:     Image:     Image:     Image:     Image:     Image:       Image:     Image:     Image:     Image:     Image:     Image:     Image:     Image:       Image: <td></td> <td></td> <td>2012 02 15</td> <td></td> <td></td> <td></td> <td></td>			2012 02 15				
TEST COMMENT: IF:Weak blow. Slow increase to 4°. SND blow.         F:Weak to fair blow. 1 - 5 1/2°. FStho blow.         PRESSURE SUMMARY         Image:				Time On Bt	m: 2012	.02.15 @ 03:04	:10
200       11100       111000       111000       111000       11	Pressure vs. 1			PRE	ESSURE S	SUMMARY	
				Pressure	Temp A		
100       116.79       Shut-In(1)         100       117.16       End Shut-In(1)         100       117.16       Shut-In(2)         100       118.06       Shut-In(2)         108       86.04       118.78         118.78       End Shut-In(2)         108       86.04       118.78         118.79       Shut-In(2)         108       86.04       118.78         118.78       End Shut-In(2)         119.83       Final Hydro-static         119.83       Final Hydro-static         1122.00       SOCM 3%o 97%m       0.60         0.00       115 ft.of GIP       0.00         115 ft.of GIP       0.00		real layers with:	、 <i>,</i>			al Hydro-static	
100       117.16       End Shut-In(1)         100       117.15       Open To Flow (2)         100       118.06       Shut-In(2)         100       118.08       86.04       118.06         203       176.40       118.78       End Shut-In(2)         206       2322.58       119.83       Final Hydro-static         Switz-autor         Switz-autor         Open To Flow (2)         Switz-autor         Switz-					-		
100       117.15       Open To Flow (2)         100       108       86.04       118.06       Shut-In(2)         203       176.40       118.78       End Shut-In(2)         206       2322.58       119.83       Final Hydro-static         Gas Rates         Choke (inches)         Tree(Hee)         Open To Flow (2)         South In (2)         South In (2)         South In (2)         Tree(Hee)         Open To Flow (2)         South In (2)         Tree(Hee)         Open To Flow (2)         South In (2)         South In (2)         Tree(Hee)         Open To Flow (2)         Tree(Hee)         Tree(Hee)         South State         Choke (inches)         Open To Flow (2)         Tree(Hee)         South State         Open To Flow (2)         The (Hee)         Open To Flow (2)         The (Hee)     <							
203       176.40       118.78       End Shut-In(2)         204       206       2322.58       119.83       Final Hydro-static         Contraction of the state o					-		
206       2322.58       119.83       Final Hydro-static         206       2322.58       119.83       Final Hydro-static         Wed Fab 2012       3x4       9x4       9x4       9x4         Length (ft)       Description       Volume (bbl)       122.00       SOCM 3%0 97%m       0.60         0.00       115 ft.of GIP       0.00       0.00       115 ft.of GIP       0.00							
Recovery     Gas Rate (Med)       Length (ft)     Description     Volume (bbl)       122.00     SOCM 3%o 97%m     0.60       0.00     115 ft.of GIP     0.00       Includie     Includie       Includie     Includie       Includie     Includie       Includie     Includie       Includie     Includie							
122.00     SOCM 3%o 97%m     0.60       0.00     115 ft.of GIP     0.00				I	Gas Ra		
0.00 115 ft.of GIP 0.00					Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
* Recovery from multiple tests	* Recovery from multiple tests						

RILOBI		DRI	LL S	TEM TEST	REPORT	Г	I	FLUID SUMMARY
HILUBI		Hermar	n L.Loeb	LLC		21-27s-20w	/ Kiowa Ks.	
ESTI	NG , INC.		x 838 nceville	1.62437		C. Einsel #		DCT# 2
			Tom Pr	ropold		Job Ticket: 4	5736 012.02.15 @ 00	DST#:2
uhadh.		ATTN.	TOITT				012.02.10 @ 00	
lud and Cushion Info	rmation							
ud Type: Gel Chem ud Weight: 9.00 lb				Cushion Type: Cushion Length:			Oil API: Water Salinity:	deg API
iscosity: 43.00 s				Cushion Volume:		bbl	Water Samily.	4000 ppm
/ater Loss: 8.39 in	-			Gas Cushion Type:		DDI		
esistivity: 0.00 of				Gas Cushion Pressur	e:	psig		
alinity: 4000.00 p						1-5		
Iter Cake: 0.20 in								
ecovery Information								
				Recovery Table			-	
	Leng ft			Description		Volume bbl		
		122.00	SOCM	3%o 97%m		0.600	-	
		0.00	115 ft.			0.000		
Tota	al Length:	122.	.00 ft	Total Volume:	0.600 bbl			
				New Ore Develop	0	Sorial #	none	
Nur	n Fluid Samo	Dies: U		NUM Gas Bomps:	0	Selial #.		
	n Fluid Samp oratory Nan			Num Gas Bombs: Laboratory Locati	0 on:	Senai #.	liono	
Lab	oratory Nan	ne:		Num Gas Bombs: Laboratory Locati		Senai #.	liene	
Lab		ne:				Serial #.	hono	
Lab	oratory Nan	ne:				Senar#.		
Lab	oratory Nan	ne:				Seliai#.	liono	
Lab	oratory Nan	ne:				Seriar#.	lione	
Lab	oratory Nan	ne:				Seria #.		
Lab	oratory Nan	ne:				Seria #.		
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Lab	oratory Nan	ne:				Seria #.		
Lab	oratory Nan	ne:				Senar#.		
Lab	oratory Nan	ne:				Seria #.		
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Lab	oratory Nan	ne:				Seria #.		
Lab	oratory Nan	ne:				Senar#.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		
Lab	oratory Nan	ne:				Sena #.		

Printed: 2012.02.15 @ 15:15:43

Ref. No: 45736





C. Einsel #3-21

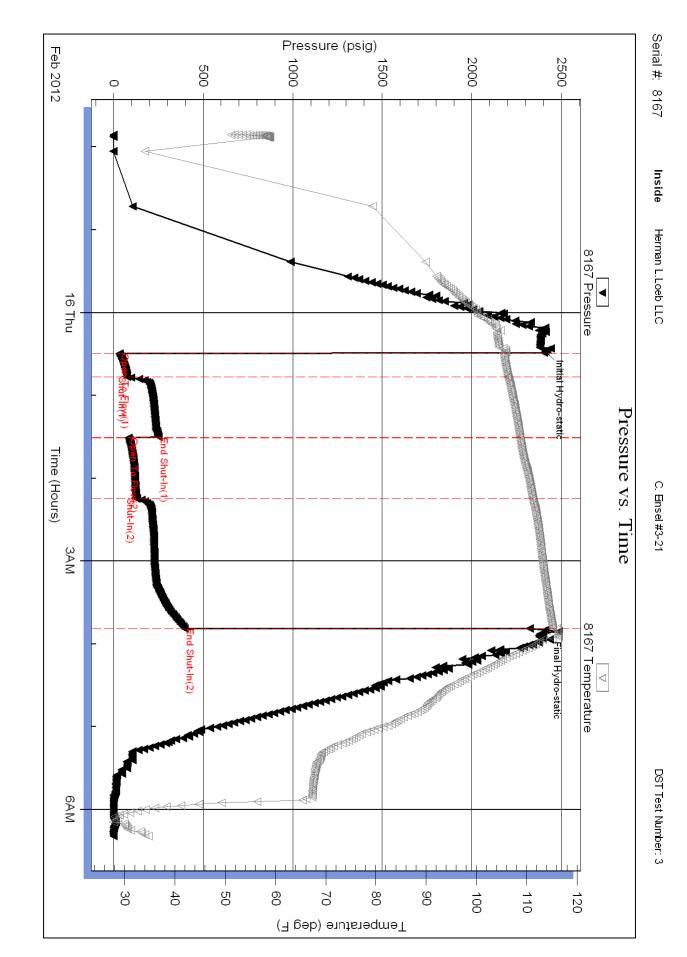
RILOBITE	DRILL STEM TES	ST REP	ORT	
	Herman L.Loeb LLC		21-27s	-20w Kiowa Ks.
ESTING , INC.	P.O.Box 838 Law renceville II.62437			sel #3-21
				ket: 45737 <b>DST#:3</b>
	ATTN: Tom Pronold		Test Sta	art: 2012.02.15 @ 21:51:14
GENERAL INFORMATION:				
Formation:Spergen/WarsawDeviated:NoWhipstock:Time Tool Opened:00:29:29Time Test Ended:06:19:14	ft (KB)		Test Ty Tester: Unit No:	Gary Pevoteaux
Interval: 4880.00 ft (KB) To 49	029.00 ft (KB) (TVD)		Referen	nce Elevations: 2306.00 ft (KB)
Total Depth: 4929.00 ft (KB) (T				2295.00 ft (CF)
Hole Diameter: 7.88 inches Hole	e Condition: Poor			KB to GR/CF: 11.00 ft
Serial #: 8167 Inside				
Press@RunDepth: 124.98 psig		0040 00 45	Capacity:	8000.00 psig
Start Date:         2012.02.15           Start Time:         21:51:15	End Date: End Time:	2012.02.16 06:19:14	Last Calib.: Time On Btm	2012.02.16 2012.02.16 @ 00:27:59
		00.10.14	Time Off Btm	
FSI:No blow . Pressure vs. 1	ime		· · · · · · · · · · · · · · · · · · ·	SSURE SUMMARY
8167 Pressure	8167 Temperature 120	Time		emp Annotation
	110	(Min.) 0		leg F) 05.84   Initial Hydro-static
		2		05.30 Open To Flow (1)
		19 63		06.30 Shut-In(1)
				08.70 End Shut-In(1) 08.69 Open To Flow (2)
		63           107           201	124.98 1	11.19 Shut-In(2)
		201 204		15.17 End Shut-In(2)
ee 2012 Time (Hous)	60 60 60 60 60 60 60 60 60 60	204	2396.78 1	16.25 Final Hydro-static
Recovery				Gas Rates
Length (ft) Description	Volume (bbl)			Choke (inches) Pressure (psig) Gas Rate (Mcf/
125.00 MW/w o specs 22%m78	3%w/rw.14ohms0.61 deg			
100.00 SOCM 3%o 97%m	0.56			
0.00 25 ft.of GIP	0.00			
* Recovery from multiple tests				
		1		

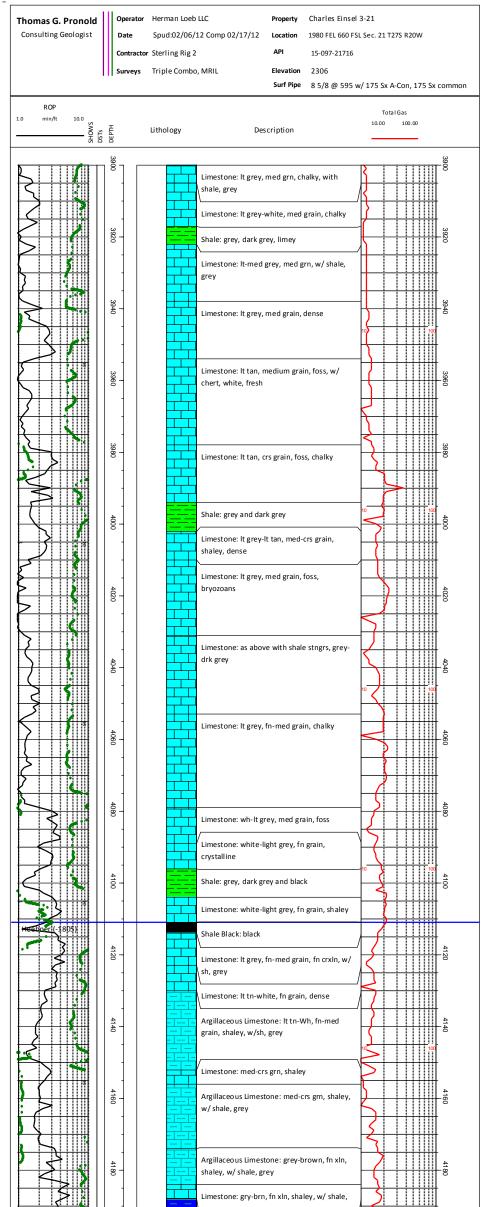
		ILL STEM TEST REP	ORT	FLUID SUMMARY
	I <b>L</b> Herm	an L.Loeb LLC	21-27s-20w K	(iowa Ks.
RILOBI ESTII	VG, INC	Box 838	C. Einsel #3-	21
		enceville II.62437	Job Ticket: 4573	
	ATT	l: Tom Pronold	Test Start: 2012	2.02.15 @ 21:51:14
Mud and Cushion Info	rmation			
Mud Type: Gel Chem		Cushion Type:	Oil	API: deg API
Mud Weight: 9.00 lb/	-	Cushion Length:	ft Wa	ater Salinity: 96000 ppm
Viscosity: 50.00 se		Cushion Volume:	bbl	
Water Loss: 9.59 in <sup>3</sup>		Gas Cushion Type:		
Resistivity: 0.00 oh Salinity: 5700.00 pp		Gas Cushion Pressure:	psig	
Filter Cake: 0.20 inc				
Recovery Information				
		Recovery Table		
	Length ft	Description	Volume bbl	
	125.00	MW/w o specs 22%m 78%w /rw .14c	ohms@4 0.615	
	100.00	SOCM 3%o 97%m	0.565	
	0.00	25 ft.of GIP	0.000	
Tota	I Length: 22	25.00 ft Total Volume: 1.18	80 bbl	
Num	Fluid Samples: 0	Num Gas Bombs: 0	Serial #: n	one
	oratory Name:	Laboratory Location:		
Reco	overy Comments:			

Printed: 2012.02.16 @ 10:19:07

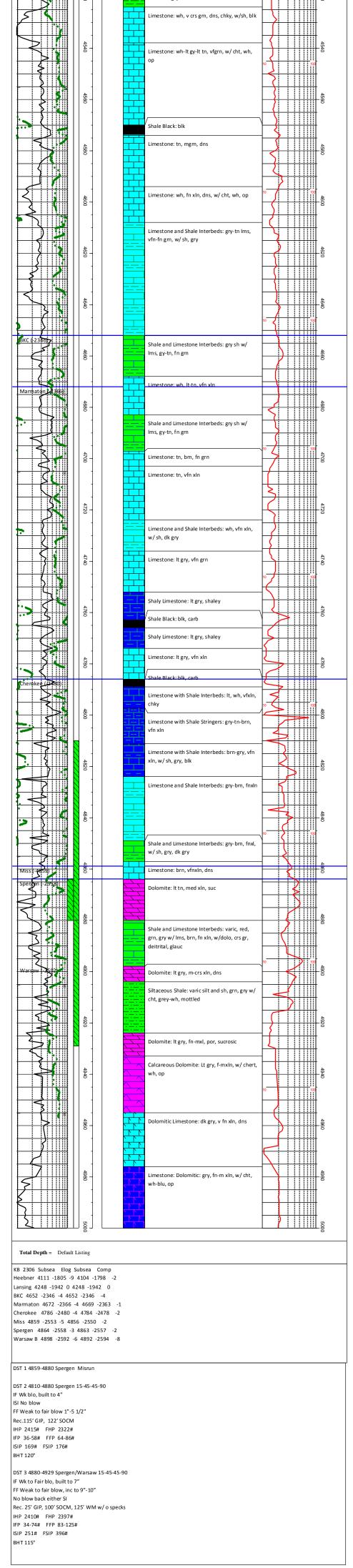
Ref. No: 45737







	-		Limestone: gry-brn, fn xln, shaley, w/ shale, grey	
	-		۱J	10100
	4200		Limestone with shale interbeds: gry-brn, shly	4200
	-	— — — —		
<u> </u>	-			
ξ <b>Γ</b> ι	4220		Limestone: gry-brn, fnxln, dense	4220
5			Shale: drk gry	8
	-			
{	-			
	4240			4240
			Limestone: brn and grey, crs crstln, dense, w/	10
	-		sh, gry	
Lansing (-1949), 3	4260		Limestone with Shale Interbeds: brn and gry,	4260
		Ī,Ī	crs xln, dense	°
	-			
			Limestone: white, fnxln, dense	
	4280		Limestone and Shale Interbeds: as above	4280
<u> </u>	-		with gry shale interbeds	
			Limestone: gry-lt gry, fnxln, dense	
	4300			10 4300
	-		Limestone and Shale Interbeds: wh, crsxln, w/ sh, gry, dk-gry	
	-			
	4320		Limestone with Shale Interbeds: wh & brn, fn grn, dns, w/sh, gry, dk gry	4320
	-			
	4340		Shale and Limestone Interbeds: gry-dk gry,	4340
	-		w/Limestone, a/a	
	-		Limestone: tn, fnxln, w/sh, gry	
	4360		Limestone and Shale Interbeds: It gry, fnxln,	4360
Σ			chky, w/sh, gry	
	4380			4380
<u>}</u>	-		Limestone: wh-ly gry, fnxln, dns	
	-		Linescole, wir ly gry, hixin, dis	
	- 4400			100 100
				4400
				2
	-			
	4420		Limestone with Shale Interbeds: It gry, tn, vfn-med xIn, dns, w/ sh, gry	4
			Oolitic Limestone: tn, vfn xln, ooc, ns	
	4440			444
			Limestone and Shale Interbeds: wh-It tn, vfnxln, w/ sh, gy	
	-			
	4460		Limestone: pink-lt tn and lt grey, vfn-med	
	-		grn, dns, w/ sh, gy, dk gy	
	4480			
			Limestone: wh, vcrs grn, dns, chky, w/sh, blk	
	4			
	4500		Shale: dk gry	4500
			Limestone: v fn grn, dns	
	4520		Shale: dk gry	4520



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$( \square )$	BASIC
	ENERGY SERVICES

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	PAGE	CUST NO	INVOICE DATE
nd Ceins 1420	1 of 1	1007589	02/09/2012
	· · ·	INVOICE NUMB	ER
s (pau		1718 - 9082578	34
(620) 672-1201	J LEASE NAME O LOCATION B	E Charles Eins	el 3-21
2	COUNTY	Kiowa	
	S STATE	KS	

JOB DESCRIPTION Cement-New Well Casing/Pi

	9			
в	HERMAN	L	LOEB	LLC
Ι	PO Box	. ,	338	
L	10 2011	• •		

LAWRENCEVILLE

Pratt

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IL US 62439 T P O ATTN: ACCOUNTS PAYABLE

	JOB #	EQUIPMENT #	PURCHASE	ORDER NO.		TERMS		DUE D	ATE
1	10427918	20920		ve rene in the		Net - 30	days	03/10/	2012
		······································		QTY	U of M	UNIT PRI	ICE	INVOICE	AMOUN
For	Service Dates.	: 02/07/2012 to 02/0	7/2012						
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0040						ļ			
	 Hjj ₩				1	ļ			
1	ii	nt-New Well Casing/Pi 02/0	07/2012	1	1	Į	1		
	ment 8 5/8" Surfa	ace i.			1	l			•
	Con Blend Commo	in -		175.00	EA	· · · · · · · · · · · · · · · · · · ·	. 14.40		2,519.83
	mmon Cement			175.00		Į i	12.80		2,239.86
1	loflake			88.00		Į	2.96		260.46
	cium Chloride			825.00	EA	Į	0.84		692.96
	Rubber Cement	-		1.00			179.99		179.9
	/8" Guide Shoe(R			1.00			439.97		439.9
		Float Valve 8 5/8"		1.00			223.99		223.9
1	/8" Basket(Blue)	10000		1.00 90.00		Į	251.98 5.60		251.9 503.9
1	avy Equipment Mi ppant and Bulk De		ļ	90.00 743.00		Į	5.60 1.28		950.9
	ppant and Bulk De nding & Mixing Se			350.00		Į	1.12		391.9
		-Pickups, Vans & Cars		45.00		Į	3.40		152.
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Plu	g Container Utiliza			1.00		1	199.99		199.9
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PLI	EASE REMIT	TO: SEND	OTHER CORRES	PONDENCE TO	<del></del>	a			
		SERVICES, LP BASI		ICES,LP		SUB TOTAL		10	),108.8
PO	BOX 841903	PO B	BOX 10460			TAX		_ ·	417.0
	LLAS, TX 752		AND, TX 79702		INV	OICE TOTAL	ł	1(	),525.9

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E JOB CONTACT



# FIELD SERVICE TICKET 1718 05674 A

							DATE TICKET	NU	
DATE OF 2-72/	12.	DISTRICT Prot			WELL A				TOMER ER NO.:
		L. LOEBLLL	•		LEASE	harl	es Einsel	3-2/1	VELL NO.
ADDRESS	,							ATE 155	
CITY		STATE			SERVICE C	REWM	elson Young	Syllivan	
AUTHORIZED BY					JOB TYPE:				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED	DATE )·7 ·/2	AM) TIME
33708 20920	55						ARRIVED AT JOB	2-7-12	AM 5.30
19832=21010	55			,*••••	· -	·*	START OPERATION	2.7.72	AM 1/.15
37900			1				FINISH OPERATION	2.712	AM 12:10
	<u> </u>	۰	1				RELEASED	2-712	PM 12:45
	1	<u> </u>	1.4			1	MILES FROM STATIO	N TO WELL	45
<u> </u>		A		· · ·			·····		

10244 NE Hwy. 61

P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

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.

1-1/1 1 SIGNED: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)~

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CONTRACTOR OR AGENT)

	<u> </u>		1	1	I	
ITEM/PRICE REF.	O. MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	іт
CP 10	1 A-con	<i>5</i> K	175 -		3 150	00
<u>CP 100</u>	COMMON CEMENT	55	175 -		2.800	0)
CC 10.	Cello flake	16	88 -	-	325	40
LL 100	Calcium Chipride	15	825 +	-	866	25
CF 105	Rubber PLug	eg	1+	-	225	20
(F 20		eg.	1	<b>.</b> .	550	00
CF 145		eq	1+		280	00
CF 190		QĞ	-		315	00
	Pickup Milegge	mi	45		191	25
F 10 E 10	Heury Mileage	mi	90		630	00
E 11?	Bulk Delivery	tm	743		1.188	00
(E 20	De Ah charge	4hr			1200	5
LE 150 25	Mixing Charge	5/5	350		490	Ċ
LE 50		JAB		1	250	00
5 00		C9	<b>I</b>		175	W
				SUB TOTAL		

CHEMICAL / ACID DATA:	SUB TOTAL	10,105	98
	SERVICE & EQUIPMENT %TAX ON \$		
	MATERIALS %TAX ON \$		
	TOTAL.		
<i>,</i>		,	

SERVICE REPRESENTATIVE THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [ (WELL OWNER OPERATOR

FIELD SERVICE ORDER NO.

### Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

### Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable atomey fees and court costs.

### Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

### **Special Pricing Provisions:**

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handing, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

### **Towing Charges:**

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

### **Product Return:**

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

### Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom. BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CON-CERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

### **Product Warranty:**

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title there-THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTH-ERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

### Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occurring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

### **General Provisions:**

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOC-UMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

# **BASIC** energy services, L.P.

# TREATMENT REPORT

	ER WIA	2	Làc	R	- L	ease No.						Date			:		
	ARLES				- N	<del>ک</del> ے #	· 21	*					22	-07	-/2	2	
Field Order			<u> </u>	Ks				Casing	E Dep	th.	1	County	(10	WA		S	tate KS
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Taylor Printing, Inc. 620-672-3658

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B HERMAN L LC		E	B COUNTY		Kiowa	
L LAWRENCEVIL			S STATE		KS	
IL US 6	52439	-	<sub>T</sub> JOB DESC E JOB CONI	RIPTION	Cement-New We	II Casing/Pi
T O ATTN:	ACCOUNTS		5 OOB COM	.ACI		
н л Јов #	EQUIPMENT #	PURCHA	ASE ORDER NO	).	TERMS	DUE DATE
40432428	20920				Net - 30 days	03/23/2012
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For Service Date:	s: 02/18/2012 to 0	2/18/2012				
0040432428						
0040432428						
171805809A Cem Cement 5 1/2" Lon	ent-New Well Casing/Pi (	)2/18/2012				
Cement 5 1/2 Long	ystring					
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Cal-Set	JIIde		630		0.60	
FLA-322				.00 EA	6.00	
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CS-1L KCL Substitu	ite			.00 EA	28.00	
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Mud Flush	Baffle 5 1/2" (Blue)			.00	020.01	020:0
			1	.00 EA	288.01	288.0
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Mud Flush Latch Down Plug & Auto Fill Float Shoe Turbolizer 5 1/2" (Bl 5 1/2" Basket(Blue)	5 1/2"(Blue) lue)		10 2	.00 EA .00 EA	88.00 232.01	880.0 464.0
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Mud Flush Latch Down Plug & Auto Fill Float Shoe Turbolizer 5 1/2" (Bl 5 1/2" Basket(Blue) Cement Scratcher (	5 1/2" (Blue) lue) Cable Type 5 1/2" lileage Delivery Charge	PAI	10 2 6 90 380	.00 EA .00 EA .00 EA .00 MI .00 MI	88.00 232.01 60.00	880.( 464.( 360.( 504.( 486.4
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TICKET NO

							DATE HORET	NO		
DATE OF 2-18-	12	DISTRICT Pratt							TOME ER N	ER 0.:
CUSTOMER Herman / LOEB LLC				LEASE Charles Einsel 3-21 Well NO.						
ADDRESS					COUNTY /	Kiowa	ST	ATE KS		
CITY		STATE			SERVICE C	REWMe	elson Lourence	Syllivar	)	
AUTHORIZED BY					JOB TYPE:	cnw	51/2 LS		-	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQI	JIPMENT#	HRS	TRUCK CALLED	2·/7·/2	êM	TIME C/Jo
33708 20920	45						ARRIVED AT JOB	2-18-12		2:00
19826 19860	45	جنب					START OPERATION	2-1812	AM PM	11:00
37900				,	· · ·	_	FINISH OPERATION	2-18.12		11:40
		· · · · · · · · · · · · · · · · · · ·				· ·	RELEASED	2-18-12	AM PM	12:30
	<u> </u>						MILES FROM STATIO	N 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.

<u>\_</u>ll SIGNED: the

				(WELL OWN	ER, OPERATOR, CON	TRACTOR OR AG	GENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES	USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	т
CP 104	50/50 POZ		515	150.		1650	a
CP 103	60140 POZ		5/5	50.		600	00
CC 102	Cello-flake		10	38.	-	140	40
CP 103 CL 102 C 700	KCI POTASSIUM Chioride		16	346.		510	8
CC 113	Cal Set		16	630-		472	50
CC 129 CC 201	FLA . 322		b	63,		472	50
CC 201	GILSOMITE		16	900,	<u> </u>	603	a
CF 607 CF 1251 CF 1651	Latch Pown Plug		e 9	1 -		400	00
CF 1251	AUTO FILL FLOGT Shoe		29	1.		360	00
CF 1651	Tyr Dolizer		29	10.		1,100	00
<u>(F 190)</u>	Busker		e9	、	/	580	00
CF 190) CF 2001 C 704 C 151 E 100 E 101 E 113	Scrutch ers		<i>e</i> g	6.		450	00
<u>&lt; 704</u>	Kcl		99L	. 5-		175	a
CC 151	Mud Fluch		94L	1000		Stoo	00
E 100	Pickups -		mi	45		191	25
E 101	HEGNY EQUIPMENT		mi	90		630	01
E 113	Buth Delivery		τM	380		608	40
<u>(1)</u> (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Mixing Churge		5/K	200		2.80	00
	Plug container		JOB			250	$\phi$
5 003 (E 206H)	Supervisor unerrow		99 9.4	1	SUB TOTAL		60
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	42					-	
SERVICE	THE ABOVE MA	ATERIAL AND SERVIC			///		
REPRESENTATI	(EKO(P. J William)   ORDERED BY (	CUSTOMER AND REC	CEIVED	) BY:	week	·	

FIELD SERVICE ORDER NO.

GLOUD LITHÓ - Abliene, TX

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

### Surgreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

### Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

### Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee with be billed to the Customer in addition to the price of the services performed.

### **Special Pricing Provisions:**

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment attered, made to Customer's specifications, or requiring special handing, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

### Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

### Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

### Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereun-In interpreting information and making recommender dations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CON-CERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

### Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title there-THERE ARE NO WARRANTIES, EXPRESS OR to. IMPLIED, OR MERCHANTABILITY, FITNESS OR OTH-ERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

### Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting thereform.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the we'l owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occurring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident not, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

#### General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such fu?. name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOC-UMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

# energy services, LP.

# TREATMENT REPORT

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Field Order,# Station Casing, Depth 992 County KIUWA	State Description 21 27 2 U			
Field Order,# Station Prototo In Casing, Depth 992 County KIUWA	State			
	Description 7/27-20			
Type Job Grow Star Legal				
PIPE DATA PERFORATING DATA FLUID USED TREATMEN	TREATMENT RESUME			
Casing Size, Tubing Size Shots/Ft Acid RATE PRESS	ISIP			
Depth 792 Depth From To Pre Pad Max	5 Min.			
Volume From To Pad Min	10 Min.			
Max Press Max Press From To Frac Avg	15 Min.			
Weil Connection Annulus Vol. From To HHP Used	Annulus Pressure			
Plug, Depth Packer Depth From To Flush Gas Volume	Total Load			
Customer Representative Station Manager DAVE Scutt Treater Hale-	1 fortas			
Service Units 37900 23708 29920 19826 19860				
Driver Names Sullis - Millow Ladnucco				
Time Pressure Pressure Bbls. Pumped Rate Service Log				
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10244 NE Hiway 61 • P.O. Box 8613 • Pratt. KS 67124-8613 • (620) 672-1201 • F				

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