

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1049869

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:	
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
	, ,
New Well Re-Entry Workover Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Total Depth: Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name: Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chioride content: ppm Fluid volume: bbis
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R East West
ENHR Permit #: GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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 Approved by: Date:

	Side Two	1
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 (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes	No	Nam	1e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	│ No │ No │ No					
List All E. Logs Run:								
		Report al		RECORD N	ew Used ermediate, producti	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In	asing	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				

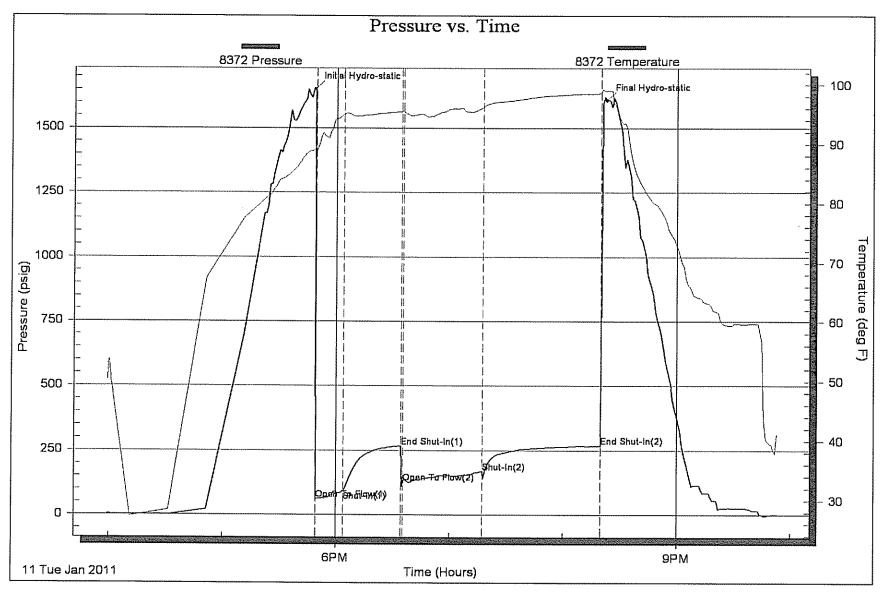
Shots Per Foot		PERFORATION Specify Fo		RD - Bridge F Each Interval		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	λ .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 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))					

NATU!	<u> RILO</u> BITE	Lario			M	arshall /	\ #32		
	ESTING , INC	204 C Medica Ci							
	1	301 S. Market St. Wichita, Ks				i-11-18/E			
		67202			Jol	b Ticket: 4	1412	DST#:1	
		ATTN: Tim Lauer			Te	st Start: 2	011.01.11 @) 15:59:09	
GENERAL	INFORMATION:								
Formation:	LKC "A-B"	a. <i>u</i>							
Deviated: Time Tool On	No Whipstock: ened: 17:49:08	ft (KB)						al Bottom Hol	9
	ded: 21:52:38						Brian Fairba 41	nK	
Interval:	3317.00 ft (KB) To 33	75 00 ft (KR) (T\/D)				ference B		2109.00	
Total Depth:	3375.00 ft (KB) (T\				i ve		svalions.	2108.00 2103.00	
Hole Diamete		-				KB	to GR/CF:	5.00	
Serial #:	8372 Inside								
Press@RunI		@ 3324.00 ft (KB)			Capacity	<i>r</i> :		8000.00	nsia
Start Date:	2011.01.11	End Date:	2	2011.01.11	Last Cal			2011.01.11	P-34
Start Time:	15:59:09	End Time:		21:52:38	Time On	Btm	2011.01.11		
					Time Off	f Btm	2011.01.11	@ 20:22:38	
TEST CON	MENT: IFP-BOB2min								
	ISI - no blow bac								
	FFP - BOB 1 1/2 FSI - 1" blow bac								
	Pressure vs. T	51)¢ 527 1ettedat	ļ				RE SUMM	ARY	
E			•	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio	n	
*****			.	0	(p3ig) 1649.82	89.10	Initial Hydro	-static	
				1	60.62	88.67	Open To Fl		
-			'	16	92.54	95.08	Shut-In(1)		
· •==	-/		Ten	46	265.39	95.44	End Shut-Ir		
			Femplerolus	47 89	125.93 166.66	95.60	Open To Fl Shut-In(2)	ow (2)	
779			va (dag P)	152	267.03	98.56		1(2)	
	<u> </u>		3	155	1607.18	98.97	Final Hydro		
							-		
		He D							
·[
1-20-271	crist (crist Trac(House)	OPM							
	D--								
Length (fl)	Recovery	Volume (bbl)		[Gas Choke (in	Rates		Rate (Mc1/d)
105.00	GW & MCO 20%G, 45%O			L	·····				vate (MC2/O)
75.00	GO & WCM 40%G, 10%O								
45.00	MUD 100%	0.63							
0.00	480' GIP	0.00							

	OBITE		LL STEM TEST F	REPOR	Γ	F	LUID SUMMAR
	•	Lario			Marshall	A #32	
	STING , INC		Market St.		36-11-18/E	Ilis	
		Wichita 67202	a, Ks		Job Ticket: 4	1412	DST#:1
NON.			Tim Lauer		Test Start: 2	2011.01.11 @ 15	59:09
lud and Cushion	Information		7 - MANAGAMAN AND BUDGELLAN			*******	
Aud Type: Gel Chem			Cushion Type:			Oil API:	deg API
	.00 lb/gal		Cushion Length:		ft	Water Salinity:	75000 ppm
	.00 sec/qt .20 in³		Cushion Volume:		bbl		
esistivity:	ohmm		Gas Cushion Type: Gas Cushion Pressure	. .	psig		
	.00 ppm inches			••	Port		
Recovery Informa	tion			······································			
	r		Recovery Table		1	т. Т	
	Leng ft	th	Description		Volume bbl		
		105.00	GW & MCO 20%G, 45%O, 25	%W, 10%M	1.200	5	
		75.00	GO & WCM 40%G, 10%O, 10	%W, 40%M	1.052	+	
		45.00 0.00	MUD 100% 480' GIP		0.631	-	
	Total Length:		.00 ft Total Volume:	2.883 bbl	0.000	4	
	Num Fluid Samp		Num Gas Bombs:	0	Serial #		
	Laboratory Nan		Laboratory Locatio		Selial #	•	
	Recovery Com	nents:	•				
Trilobite Testing, Inc	10001000000000000		ef. No: 41412				8:38:06 Page 2

•





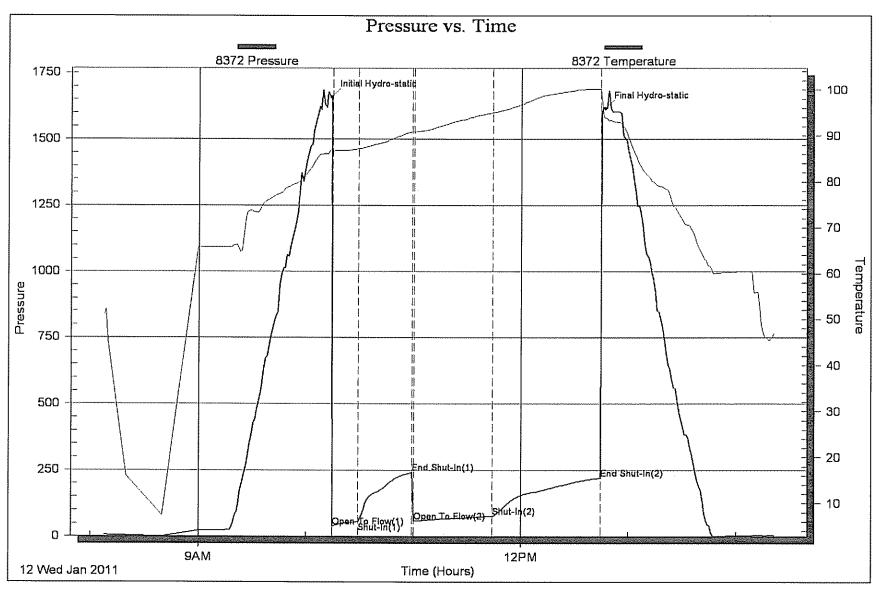
Trilobite Testing, Inc

Printed: 2011.01.12 @ 08:38:07 Page 3

	RILOBITE								
A	ESTING , INC	Lario			Ma	rshall /	\ #32		
	ESTING, INC	301 S. Market St.			36-	-11-18/E	llis		
		Wichita, Ks 67202			Job	Ticket: 4	1413	DST#:2	2
		ATTN: Tim Lauer			Tes	it Start: 2	011.01.12 @) 08:07:32	
GENERAL	INFORMATION:	u , u							
	LKC "C-G" No Whipstock ened: 10:14:31 Jed: 14:21:31	ft (KB)			Tes	ter:	Conventiona Brian Fairba 41	al Bottom Hol nk	e
Interval: Total Depth: Hole Diameter	3375.00 ft (KB) To 34 3450.00 ft (KB) (TN 7. 7.88 inchesHole	/D)			Ref	erence B KB	evations: to GR/CF:	2108.00 2103.00 5.00	ft (CF)
Serial #: 8								vernuu ku .	
Press@RunD Start Date:	epth: 75.15 psig 2011.01.12	@ 3378.00 ft (KB) End Date:		2011.01.12	Capacity Last Cali			8000.00 2011.01.12	psig
Start Time:	08:07:32	End Time:		14:21:31	Time On Time Off	Btm	2011.01.12	@ 10:13:31	
	FSI - sur blow ba	-	<u>.</u>		Pf	RESSUF	RESUMM	ARY	
vm -		527 Jentralfire		Time	Pressure	Temp	Annotatio		
	M	l'anna	+ 100	(Min.)	(psig)	(deg F)			
100	THI		* 🖬	0	1658.29 38.12	87.00 86.55			
	+		+ 1D	16	55.24	87.20	1		
È.			• 70	46	241.64	90.92	End Shut-Ir		
m			B	47	57.69	90.89		ow (2)	
, 1000			t) ch	91	(515)	95 04			
×1000			Temperature និ ខ្ល	91 151	75.15 220.05		Shut-In(2) End Shut-Ir	1(2)	
					1	100.12			
			- F2	151	220.05	100.12	End Shut-Ir		
730 500 300 0			- 23 - 33 - 33	151	220.05	100.12	End Shut-Ir		
730 500 300 0	CAN .		- 23 - 33 - 33	151	220.05	100.12 93.92	End Shut-Ir		
730 500 500 500 500 500 500 500 5	Recovery Description	Volume (bbl)	- 23 - 33 - 33	151	220.05	100.12 93.92	End Shut-Ir Final Hydro	static	Rate (McJ/d)
730 4 500 4 50	Recovery Description MUD 100%	Valume (bbl) 0.85	- 23 - 33 - 33	151	220.05	100.12 93.92 Gas	End Shut-Ir Final Hydro	static	Rate (McJ/d)
20 20 20 20 20 20 20 20 20 20	Recovery Description MUD 100% FREE OIL 95%O, 5%M	Volume (bbl) 0.85 0.14	- 23 - 33 - 33	151	220.05	100.12 93.92 Gas	End Shut-Ir Final Hydro	static	Rate (McJ/d)
20 50 50 50 50 50 50 50 50 50 5	Recovery Description MUD 100%	Valume (bbl) 0.85	- 23 - 33 - 33	151	220.05	100.12 93.92 Gas	End Shut-Ir Final Hydro	static	Rate (McJ/d)
230 230 230 230 230 230 230 230	Recovery Description MUD 100% FREE OIL 95%O, 5%M	Volume (bbl) 0.85 0.14	- 23 - 33 - 33	151	220.05	100.12 93.92 Gas	End Shut-Ir Final Hydro	static	Rate (McJ/d)

		RILL STEM TEST REP	ORT	FL	UID SUMMARY
RILOBIT	L Lario		Marshall A	#32	
ESTIN	1	S. Market St.	36-11-18/EII	is	
	Wich 6720	ita, Ks	Job Ticket: 414	413 D	ST#:2
MON.	1	N: Tīm Lauer	Test Start: 20	11.01.12 @ 08:07	7:32
Mud and Cushion Infor	mation		***************************************	-	
Mud Type: Gel Chem		Cushion Type:	c	Dil API:	43 deg API
Mud Weight: 9.00 lb/g		Cushion Length:		Vater Salinity:	ppm
Viscosity: 51.00 see Water Loss: 7.17 in ³		Cushion Volume:	bbl		
	mm	Gas Cushion Type: Gas Cushion Pressure:	psig		
Salinity: 2300.00 pp			F-'9		
Recovery Information			********		
F		Recovery Table			
	Length ft	Description	Volume bbl	a" ,	
	80.00		0.849		
-	<u> </u>		0.140		
			0.000		
Labo	Fluid Samples: 0 pratory Name:	Num Gas Bombs: 0 Laboratory Location:	Serial #:		
Labo			Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		
Labo	oratory Name:		Serial #:		

.



Trilobite Testing, Inc

Ref. No: 41413

Printed: 2011.01.13 @ 10:07:07 Page 3

6 S ()	RILOBITE	DRILL STEM TES	ST REP	ORT				
正式	Lana I	Lario		М	arshall /	A #32		
	ESTING , INC	301 S. Market St. Wichita, Ks		36	i-11-18/E	Ilis		
		67202		Jo	b Ticket: 4	1414	DST#:	3
		ATTN: Tim Lauer		Te	st Start: 2	2011.01.13 @	02:10:18	
GENERAL	INFORMATION:							
Formation: Deviated:	LKC "H-K" No Whipstock:	ft (KB)		Te		Convertion	- I D - 44 1 1	
Time Tool Ope	ened: 04:14:17 Jed: 08:35:47	11 (10)		Te	ster:	Conventiona Brian Fairba 41		DIE
Interval: Total Depth:	3450.00 ft (KB) To 35 3560.00 ft (KB) (TV			Re	ference B	levations:) ft (KB)) ft (CF)
Hole Diameter		-			KB	to GR/CF:	5.00	• •
Serial #: 8 Press@RunD Start Date: Start Time:		@ 3456.00 ft (KB) End Date: End Time:	2011.01.13 08:35:47	Capacity Last Cal Time On Time Off	īb.: Btm:	2011.01.13 2011.01.13		
TEST COM	MENT: IFP-sur blow - c ISI- no blow bac FFP- no blow FSI- no blow bac	k sk						
	Pressure vz. T minim DT2 Pressre	EF7 Internation				RE SUMM		
			Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio	n	
			0	1685.72	86.69	Initial Hydro		
			1	27.33		Open To FI	ow (1)	
			30 62	60.32 362.24		Shut-In(1)	n(1)	
			63	65.69	90.87	Open To FI		
			91	80.93		Shut-In(2)		
			152 155	357.38 1658.28	94.53 94.43	End Shut-Ir Final Hydro		
- E T 7								
E \ /								
	ани Тста (Noves)					Potos		
	, <u>, , , , , , , , , , , , , , , , , , </u>				1	s Rates	e (osin)	s Rata (Metho
20 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	SAM Tractic				Gas Chole (in	·····	e (psig) Ga	s Rate (McJ/d)
20	Recovery Description	Volume (tbt)			1	·····	e (psig) Ga	s Rate (McJ/d)
20 -20 -20 -20 -20 -20 -20 -20 -	Recovery Description mud 100%	Volume (bbl) 1.54			1	·····	e (psig) Ga	s Rate (McI/d)
200	Recovery Description mud 100%	Volume (bbl) 1.54			1	·····	e (psig) Ga	s Rate (McJ/d)
20 -20 -20 -20 -20 -20 -20 -20 -	Recovery Description mud 100%	Volume (bbl) 1.54			1	·····	e (psig) Ga	s Rale (Mci/d)

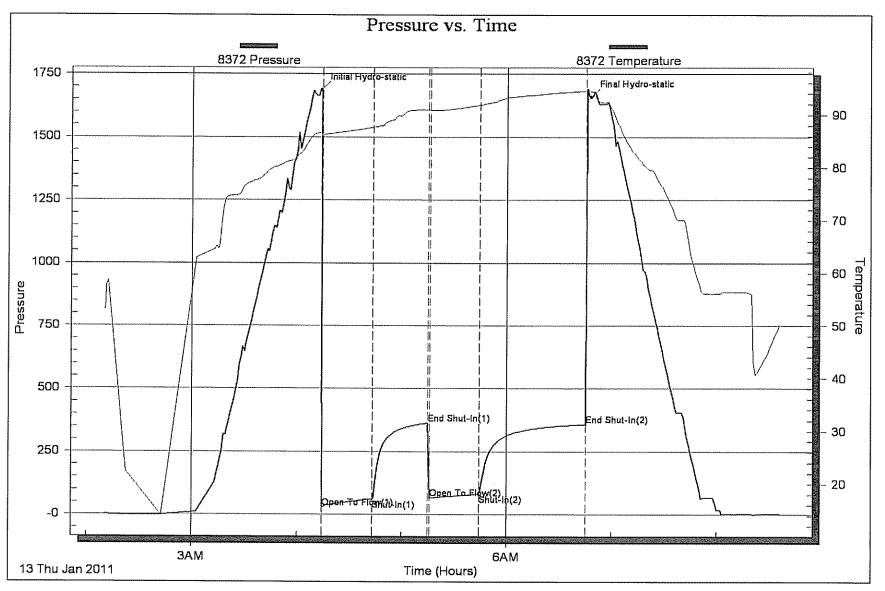
· ·

Trilobite Testing, Inc

Printed: 2011.01.13 @ 10:07:35 Page 1

RILOBIT.		ORILL S	STEM TEST REPO	RT	I	LUID S	UMMAR
		ario		Marshal	I A #32		
ESTIN	'G,INC∣ _{₃(}	01 S. Market	St.	36-11-18	/Ellis		
		/ichita, Ks 7202		Job Ticket:	41414	DST#: 3	
		TTN: Tim L	auer	Test Start:	2011.01.13 @ 02	2:10:18	
lud and Cushion Inform	mation						
lud Type: Gel Chem			Cushion Type:		Oil API:		deg API
ud Weight: 9.00 lb/g			Cushion Length:	ft	Water Salinity:		ppm
iscosity: 50.00 sec	:/qt		Cushion Volume:	bbl			
/ater Loss: 6.79 in ³ esistivity: ohn			Gas Cushion Type:				
alinity: 3800.00 ppn			Gas Cushion Pressure:	psig			
iter Cake: inch							
ecovery Information			**************************************				
r		F	Recovery Table		— <u>1</u>		
	Length ft		Description	Volume bbl			
	129			1.5	36		
	1	.00 free o	oil TSTM	0.0	14		
Total	Length:	130.00 ft	Total Volume: 1.550) bbl			
Num F	Fluid Samples:	0	Num Gas Bornbs: 0	Serial	#•		
Labor	ratory Name:		Laboratory Location:				
	ratory Name: very Comment	s:	Laboratory Location:				
	ratory Name: very Comment	s:	Laboratory Location:				
		s:	Laboratory Location:				
		5:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		5:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		5:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		S:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		s:	Laboratory Location:				
		S:	Laboratory Location:				





Trilobite Testing, Inc

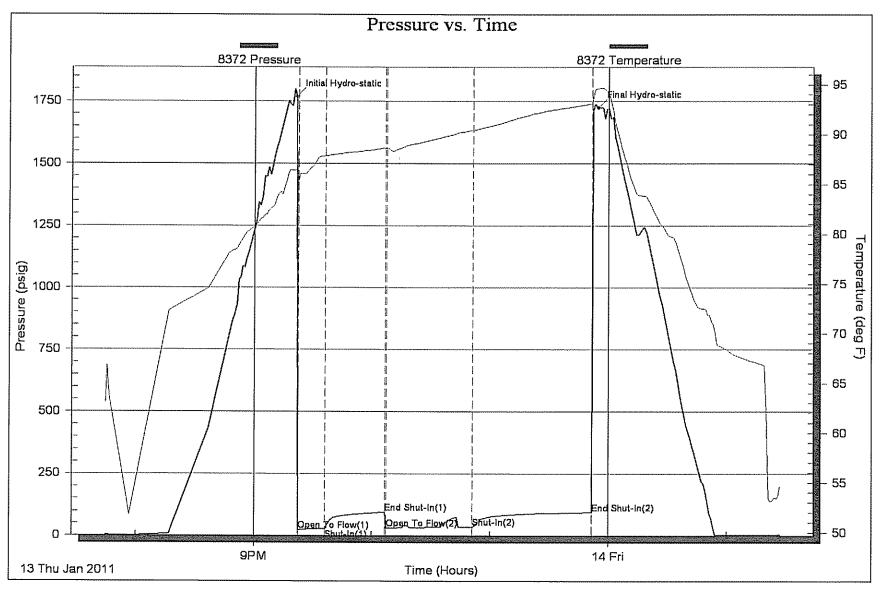
Ref. No: 41414

Printed: 2011.01.13 @ 10:07:37 Page 3

RILOBITE	DRILL STEM TES	ST REP	ORT				
	Lario		Ma	rshall /	\ #32		
ESTING , M	301 S. Market St. Wichita, Ks			11-18/E			
	67202			Ticket: 4		DST#:4	1
	ATTN: Tim Lauer		Test	t Start: 2	011.01.13 @) 19:44:35	
GENERAL INFORMATION:							
Formation: Arbuckle Deviated: No Whipstock Time Tool Opened: 21:22:04 Time Test Ended: 01:27:04	ft (KB)		Tesi Tesi Unit	ler:	Conventiona Brian Fairba 41		e
Interval: 3581.00 ft (KB) To Total Depth: 3626.00 ft (KB) Hole Diameter: 7.88 inchesh	-		Refe		evations: to GR/CF:	2108.00 2103.00 5.00	ft (CF)
Serial #: 8372 Inside							
Press@RunDepth: 34.27 psi			Capacity:			8000.00	psig
Start Date: 2011.01.1 Start Time: 19:44:3		2011.01.14 01:27:04	Last Calit Time On B		2011.01.13 (2011.01.14 @ 21:21:04	
			Time Off		2011.01.13 (
FSI- no blow Pressure v	. Тіпзе			RESSUR	RESUMM		
		Time (March)	Pressure	Temp	Annotatio	n	
		(Min.) 0	(psig) 1768.07	(deg F) 86.43	 Initial Hydro	-static	
		1	22.58	85.37	Open To Fl		
		15 46	27.68 94.16	87.85 88.65			
			29.75	88.64			
			34.27		Shut-In(2)		
		151 154	92.65 1723.33	93.09 94.60	·		
SPu 3 Thu Jon 2011 Tarte (Na	44Fn						
Recovery	, , , , , , , , , , , , , , , , , , ,	1		Gas	Rates		
Length (fl) Description	Volume (bbl)			Choke (ir	rches) Pressur	e (psig) Gas	Rate (Mct/d)
39.00 MLD 100%	0.27						
1.00 HOCM 35%O, 65%M	0.01	[
		1					

	RILOBITE	Lario	LL STEM TEST REPO	Marshall		FLUID SUM
	<u>RIL</u> OBITE ∎ESTING , IN					
	I LUTINU, W	301 S. Wichita	Market St.	36-11-18/		
		67202		Job Ticket:	41415	DST#:4
"WORN"		ATTN:	Tim Lauer	Test Start:	2011.01.13 @ 19	9:44:35
	nion Information	n				
Mud Type: Gel C			Cushion Type:		Oil API:	de
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	PF
Viscosity: Water Loss:	49.00 sec/qt 7.17 in³		Cushion Volume:	bbl		
Resistivity:	ohmm		Gas Cushion Type: Gas Cushion Pressure:			
-	6000.00 ppm		Gas Cushion Hessure.	psig		
Filter Cake:	inches					
Recovery Info	ormation		1111/1111/1111/1111/1111/1111/1111/1111/1111		****	·····
	[Recovery Table			
	Le	ngth ft	Description	Volume bbl		
		39.00	MUD 100%	0.27	74	
		1.00	HOCM 35%O, 65%M	0.01	14	
	Total Length:	40	.00 ft Total Volume: 0,288	bbl		
	Num Fluid Sa	moles 0	Num Gas Bombs: 0	Serial	4.	
	Laboratory N		Laboratory Location:	Jendin	ir.	
	Recovery Co		······································			
			,,			





Trilobite Testing, Inc

Printed: 2011.01.14 @ 08:08:26 Page 3

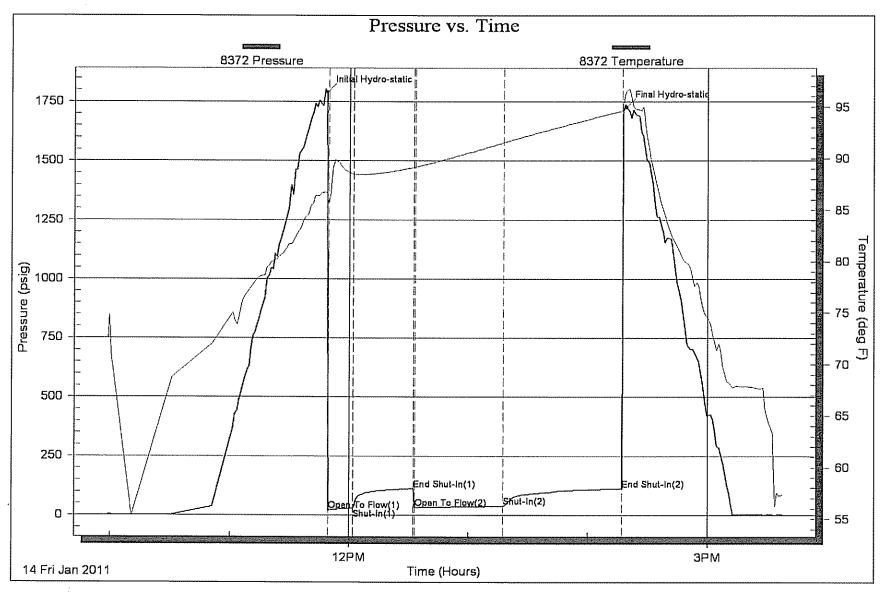
	RILOBITE	DRILL STEM TE			arshall /			
一面	ESTING , INC							
	I LUTINU, INU	301 S. Market St. Wichita, Ks		36	-11-18/E	llis		
		67202		Job) Ticket: 4	1416	DST#:	5
		ATTN: Tim Lauer		Tes	st Start: 2	011.01.14 @) 09:58:53	
GENERAL	INFORMATION:							
Formation:	Arbuckie #2							
	No Whipstock: bened: 11:49:22 ided: 15:37:22	ft (KB)		Tes	iter:	Conventiona Brian Fairba 41		ble
Interval:	3626.00 ft (KB) To 36	38.00 ft (KB) (TVD)		Ref	erence B	evations:	2108.00	ft (KB)
Total Depth:	3638.00 ft (KB) (T)	/D)						ft (CF)
Hole Diamete	er: 7.88 inchesHole	Condition:			KB	to GR/CF:	5.00) ft
Serial #:								
Press@Runl Start Date:	Depth: 36.79 psig 2011.01.14	@ 3630.00 ft (KB) End Date:	2011.01.14	Capacity Last Cali			8000.00	
Start Time:	09:58:53	End Time:	15:37:22	Time On		2011.01.14 (2011.01.14 @ 11:48:22	
				Time Off		2011.01.14 (-	
IEST COM	MENT: IFP-weak blow	throughout 1/4" "						
		k 13 min - sur blow back						
		throughout sur - 2 1/2"						
		k 14 min - weak sur blow back	- died 31 min					
	Pressure vs. T	ris		PI	RESSUR	RESUMM	ARY	
F	Jeil	CUT2 Temperature	Time	Pressure	Temp	Annotatio	n	
620			(Min.) 0	(psig) 1789.16	(deg F)	Initial La des	atalia	
			1	21.22	85.57	Initial Hydro Open To Fl		
	/_		14	28.25	88.47	1		
			44 1	111.45		End Shut-Ir		
100 L			1 45 89	31.93 36.79		Open To Fl Shut-In(2)	ow (2)	
			149	110.76	94.60		1(2)	
			³ 151	1726.02	96.48	Final Hydro	-stallo	
			³ 151			Final Hydro	-Static	
			ຶ 151			Final Hydro	-Static	
E \ /		6	³ 151			Final Hydro	-Static	
			² 151			Final Hydro	-StallC	
	CPted Tree (Harz)		³ 151		96.48			
			³ 151		96.48 Gas	s Rates		s Rala (Melleh
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Tres Officers		³ 151		96.48	s Rates		s R <i>a</i> le (M <i>cUc</i>)
100 100 100 100 100 100 100 100	Recovery Description	ст.	³ 151		96.48 Gas	s Rates		s Ræe (Mc/c)
	Recovery Description MUD 100%	Volume (bbl) 0.01 0.32	³ 151		96.48 Gas	s Rates		is Rate (McJd)
	Recovery Description MUD 100% MW 80%W, 20%M	Volume (bbl) 0.01 0.32	³ 151		96.48 Gas	s Rates		s Rate (Mc/d)
20 c c c c c c c c c c c c c	Recovery Description MUD 100% MW 80%W, 20%M	Volume (bbl) 0.01 0.32	³ 151		96.48 Gas	s Rates		is Rate (Mct/d)

Trilobite Testing, Inc

Printed: 2011.01.17 @ 10:47:45 Page 1

	DRII	LL STEM TEST REPO	रा	F	LUID SUMMARY
RILOBITE	Lario		Marshall	A #32	
TESTING, INC	301 S. M	Varket St.	36-11-18/	Filis	
	Wichita,		Job Ticket:		DST#:5
	67202 ATTN⁺	Tim Lauer		2011.01.14 @ 09	
ulter fly				2011.01.14@03.	
Aud and Cushion Information					
Aud Type: Gel Chem		Cushion Type:	<i>c.</i>	Oil API:	deg API
/lud Weight: 9.00 lb/gal /iscosity: 49.00 sec/qt		Cushion Length: Cushion Volume:	ft bbl	Water Salinity:	48000 ppm
Vater Loss: 7.17 in ³		Gas Cushion Type:	661		
esistivity: ohmm		Gas Cushion Pressure:	psig		
Calinity: 6000.00 ppm Filter Cake: inches					
Recovery Information		Recovery Table			
Leng	th	Description	Volume	1	
ft		Leschption	bbi		
		MUD 100%	0.01	~~~	
		MW 80%W, 20%M M& WCO 45%O, 40%W, 15%M	0.31	week and the second sec	
Total Length:		00 ft Total Volume: 0.358 t		<u>o</u>	
Recovery Com	ments:				
Recovery Com	nents:				
Recovery Com	nents:				
Recovery Com	nents:				





Trilobite Testing, Inc

Ref. No: 41416

Printed: 2011.01.17 @ 10:47:47 Page 3

BASIC Pratt (620) 672-1201 JOB B LARIO OIL & GAS B I P O BOX 84 S L MURDOCK S KS US 67111 T O ATTN: EQUIPMENT # JOB # EQUIPMENT # 40274701 20920 For Service Dates: 01/15/2011 to 01/15/2011 0040274701 0040274701	LOCATIO COUNTY STATE JOB DE:	ON (SCRIPI NTACT	IP 171 ((100	Ellis KS	58 (1-002 32 Casing) Vell Casing/Pi DUE DATE
Pratt (620) 672-1201 J B LARIO OIL & GAS B I P O BOX 84 S L MURDOCK I KS US 67111 T T E O ATTN: E JOB # EQUIPMENT # PURCHAS 40274701 20920 E For Service Dates: 01/15/2011 to 01/15/2011 E	LOCATIO COUNTY STATE JOB DE: JOB CON JOB CON	ON (SCRIPI NTACT	171 ((I TION	8 - 9050308 AFE # Marshall A Ellis KS Cement-New W July 1 - 21-11 TERMS Net - 30 days	58 (1-002 32 Casing) Well Casing/Pi DUE DATE 02/17/2011
Pratt (620) 672-1201 J B LARIO OIL & GAS B I P O BOX 84 S L MURDOCK I KS US 67111 T T E O ATTN: E JOB # EQUIPMENT # PURCHAS 40274701 20920 E For Service Dates: 01/15/2011 to 01/15/2011 E	LOCATIO COUNTY STATE JOB DE: JOB CON JOB CON	ON (SCRIPI NTACT	(i TION D of	AFE # Marshall A Ellis KS Cement-New W July 1-21-11 TERMS Net - 30 days	11-002 32 Casing/Pi DUE DATE 02/17/2011
B LARIO OIL & GAS B I P O B I P O B I P O B I P O B I P O B I MURDOCK I I KS US 67111 T T O ATTN: E JOB # EQUIPMENT # 40274701 20920 E For Service Dates: 01/15/2011 to 01/15/2011 D	LOCATIO COUNTY STATE JOB DE: JOB CON	ON (SCRIPI NTACT	TION C U of	Marshall A Ellis KS Cement-New W L-21-11 TERMS Net - 30 days	DUE DATE 02/17/2011
B LARIO OIL & GAS B I P O B I P O B I P O B I P O B I P O B I MURDOCK I I KS US 67111 T T O ATTN: E JOB # EQUIPMENT # 40274701 20920 E For Service Dates: 01/15/2011 to 01/15/2011 D	LOCATIO COUNTY STATE JOB DE: JOB CON	ON (SCRIPI NTACT	TION C U of	Ellis KS Cement-New W Jullis I-21-11 TERMS Net - 30 days	DUE DATE 02/17/2011
Image: Service Dates: 01/15/2011 to 01/15/2011	COUNTY STATE JOB DE: JOB CO JOB CO SE ORDER 1	NTACT	J V of	KS Cement-New W Julie I · 21-11 TERMS Net - 30 days	DUE DATE 02/17/2011
L MURDOCK KS US 67111 T O ATTN: JOB # EQUIPMENT # PURCHAS 40274701 20920 For Service Dates: 01/15/2011 to 01/15/2011	JOB DE: JOB COI SE ORDER 1	NTACT	J V of	Cement-New W 	DUE DATE 02/17/2011
T E O ATTN: E JOB # EQUIPMENT # 40274701 20920 For Service Dates: 01/15/2011 to 01/15/2011	JOB COI SE ORDER 1	NO.	U of	I · 2) · 11 TERMS Net - 30 days	DUE DATE 02/17/2011
JOB # EQUIPMENT # PURCHAS 40274701 20920 For Service Dates: 01/15/2011 to 01/15/2011			V of	I · 2) · 11 TERMS Net - 30 days	DUE DATE 02/17/2011
40274701 20920 For Service Dates: 01/15/2011 to 01/15/2011			1	Net - 30 days	02/17/2011
For Service Dates: 01/15/2011 to 01/15/2011	QTY	1	1		
	QTY	1	1	UNIT PRICE	INVOICE AMOUNT
			м		[
0040274701		1			
171803169A Cement-New Well Casing/Pi 01/15/2011					
5 1/2" 2-Stage Longstring					
AA2 Cement		33.00 E		12.2	
A-Con Blend Common 60/40 POZ	1		EA EA	12.9 8.6	
Celloflake	1		EA	2.6	
C-41P			EA	2.8	
Calcium Chloride		1	EA	0.7	
Salt FLA-322	1		EA EA	0.3 5.4	
Two Stage Cement Collar 5 1/2" (Red)	1	1	EA	4,392.0	
5 1/2" Latch Down Plug & Assembly (Red)		1	EA	612.0	1
Auto Fill Float Shoe 5 1/2" (Red)	1	1	EA	345.6	
Turbolizer 5 1/2" (Blue) 5 1/2" Basket (Blue)	1		EA EA	79.2 208.8	
Industrial Rubber Thread Lock Kit			A	24.4	
High Head Charge (Over 6')	1		A	216.0	
Super Flush II	1		EA AI	1.1	
Heavy Equipment Mileage Blending & Mixing Service Charge		0.00 M 3.00 M	1	5.0· 1.0	
Proppant and Bulk Delivery Charges	1	5.00 M		1.1	
Depth Charge; 3001-4000'	1	1.00 H		1,555.20	
Additional Stage Charge		1.00 E/ 1.00 E/	1	1,555.20 180.00	1
Supervisor	1	1.00 H		126.00	
Unit Mileage Charge-Pickups, Vans & Cars OK TOYEAY		0.00 HI	E	3.06	
Acct Expl File					
GC					
	В				
HY.	M				
PV KE GV SF DA					
PLEASE REMIT TO: SEND OTHER CORRE	ESPONDENCI	E TO:	l_		
BASIC ENERGY SERVICES, LP BASIC ENERGY SER	RVICES, LP			SUB TOTAL	27,264.35
PO BOX 841903 PO BOX 10460 DALLAS,TX 75284-1903 MIDLAND,TX 79702	2		TNUTO	TAX	688.15 27 952 50
			THAO	ICE TOTAL	27,952.50

SERVICES ENERGY PRESSURE PLIMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 03169 Α

PRESS	URE PUMPI	ING & WIRELINE					DATE TICKET NO
DATE OF JOB	, † DI	STRICT KANS	a 4				
		L+ GAS Cr			LEASE -M	Arsh	а. I. (́Д ′ WELL NO. З 2
ADDRESS					COUNTY	llis :	36-11-18 STATE KANSAL
CITY		STATE			SERVICE CI	REW /}	Werth Kilosle, N. M. Gran E Write
AUTHORIZED BY					JOB TYPE:	5 /2-	7-StaspL.S. CNW
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQI	JIPMENT#	HRS	TRUCK CALLED 1-15-11 PM 200
<u> 78443 P.U</u>						<u> </u>	ARRIVED AT JOB
33708 20920			_				START OPERATION
19826-19860	P+						FINISH OPERATION
199100 - 19918	╞╤┈┼					-	RELEASED / -/ 5- // PM
		·					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. SIGNED:

and the			S	IGNED:	ER, OPERATOR, CON			
	· · · · · · · · · · · · · · · · · · ·							<u></u>
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICE	S USED	UNIT	QUANTITY	UNIT PRICE	\$	AMOUN	IT ,
CPIOS	AA-2 Coment		SK	125-			1125	
CA 101	Acon Blend Command		st	4250.	-	g Z	Ker	1
CA:107	60140 Poz		SK	50		Nº 1	1 Stép	6
and the second								
CCIOZ	Cell FLAKe		112	12.2.	-	15 4	169.	90
CCI06	C-41P		j.h	4-3				30
<u>CC109</u>	Calcium Chloride	·	15	1324			<u>76).</u>	<u> > c</u>
re III	<u>colt</u>		14	MEG-			2212	
CC 120	F/4-332		14	12 gr -			T <u>e</u> r	<u>150</u>
				01		®	Ér il	
CF 401	Two Chare coment Callor					<u> 8 6</u>	1.00	60
CF601		sembly Red	5.4	/	· · · ·		3.20	<u>þ 0</u>
CF 1201	<u>+</u>	15 Red	5 1	/		1	<u>480.</u>	<u>12 C</u>
CF1651	Turbalizer 51/2" Blue		EA	9		<u>Ľ</u>	<u>990.</u>	<u> </u>
CE 1901	S'/2" BACEAT Blue		ار تم	.3			270	<u>bu</u>
CE 3000	Fronteral Rubbe-Thre	ad Loc K	5n	<u> </u>		<u> </u>	34	<u>þ a</u>
			I					
<u>CC155</u>	Super Fluch It	*****	GAL	500	·		765	<u>þ</u> è
			.l	<u>I</u>			<u>.</u>	+
СН	EMICAL / ACID DATA:				DLS	-		
		SERVICE & EQUIPI	MENT	%TA	X ON \$			
		MATERIALS		%TA	X ON \$	-		1
		L			TOTAL	-		
SERVICE		ATERIAL AND SERV	//CE					
SERVICE		SAFERIAL AND SERV	NUE	Ň				

REPRESENTATIVE FIELD SERVICE ORDER NO.

CLOUDILITHO - Aberre, TX

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

1

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE TICKET 1718 03170 А

ţ.



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

PRESSL	IRE PUMF	PING & WIRELINE					DATE TICKET NO. 03/69/2
DATE OF JOB	5						
	0	LEGAL CO			LEASE	Arsh	WELL NO. 3.2
ADDRESS					COUNTY	1115	36-11-18 STATE KANSAS
CITY		STATE			SERVICE CF	REW/1.	Worth Klesle, M. McGran Ewig
AUTHORIZED BY					JOB TYPE:	515	2. Stage L.S. CNW
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQI	JIPMENT#	/HRS	TRUCK CALLED / - / - / - / - / - / - / - / - PM
38443 P.U.	5						ARRIVED AT JOB
<u> 33708-20920</u>	5/	**************************************	+			-	START OPERATION / - /5-11 PMS/ - 20
<u> 19826 - 19860</u> 19960 - 19918	$\overline{}$						FINISH OPERATION / - / 5-//
7776077777							RELEASED /-/J/ PM (-00)
							MILES FROM STATION TO WELL 100-m . / es

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.

SIGNED:___

·				(WELL OWNE	R, OPERATOR, C	ONTRACTOR OR A	GENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SE	RVICES USED	UNIT	QUANTITY	UNIT PRICE	s AMOU	NT
E 101	HEAVY ED. D MA. LEACE		mĩ	300			
CE 240	Blendick & mixing Se	yico Che	SK	653		1 200	101
FILS	Bulk Delivery Chars	~ /	Tm	3055	1	1 2140	3 >
CEDOY		4000	4. hrs		·	4 4 80%	
CE409	Additional Hours St	ALP CHARGE	4. 4.	1	ł	4 2160	, , , ,
CF 51.4	Pluc contriner Ut.	c. zation che	TAL	1		\$ 2160	
5 000	Selvice Supervisor.	first Shes welve		1		2 75°	20
15100	Unit milente Charge	Pickup.	an i	100		8 125.	ن د
CESOS	Darrie Charge and		<u> </u>	· ,		AL Start	12533
			<u> </u>				
			<u> </u>				
	· · · · · · · · · · · · · · · · · · ·				15		
	V.						
					SUB TOT		
CH	EMICAL / ACID DATA:				<u> </u>	5 27,20	124
		SERVICE & EQUIP	MENT		ON \$	~1/20	
		MATERIALS		%TAX	ON S		
					тот	AL	
						127224	
SERVICE REPRESENTATIV		BOVE MATERIAL AND SERV)BY	in sector	*37	
	and the second of the second o		(WELL O	WNER OPERAT	OR CONTRACTOR	OR AGENT)	·

FIELD SERVICE ORDER NO.



\$

TREATMENT REPORT

en i

energy se	rvices, L.	<i>P</i> .	1st St	AiP			IHEAIME	NT REPORT
Customer LANID DIL	4 GAS CO.	Lease No.	<u></u>	<u>, </u>		Date		
ease MArshall	VA	Well # 35	2			1-	15-11	
Field Order # Station	Patt		Casing	," Depth	י <i>ו</i> ול	County E11,	<u></u>	State KANUS.
ung lob ()	Stale L.S.		CNU	Formation	<u> </u>			on 11-18
PIPE DATA	PERFORATI		FLUID (JSED		TREAT	MENT RESU	
asing Size Tubing Size		500 q	Acid	_	F	ATE PRES		
epth 3709 Depth		<u>500</u>	Pre Pad	=/fluch	H- Max S/CA (5 Min).
Dlume 8 Ad Volume		ю <u>гда —</u> Го	FC AAD Pad	015-	- <u>-/ C A</u> /Mín		10 Mi	in.
ax Press /500 Max Press		Го	Frac		Avg		15 Mi	n.
ell Connection Annulus Vo	d.	Го			HHP Used		Аппи	lus Pressure
ug Depth Packer Dep エム ろど	oth	ĩo	Flush	20	Gas Volum	e	Total	Load
ustomer Representative	Tener		Manader	H-4		Treater	Herd	
1 1	33708209	201982	1	19960	19918			
river A	Keever Leste	1	Ke McGra.		Wicht			
Casing Time Pressure	Tubing - Pressure Bbls. F	2 Pumped	Rate	Bottom	v	a Servic	eLog mur	f. N # 16
1:30 AM				ONLOC	. ^	C	fet. Sei	1 0.
				LAUN	dow	N Dri	11 Pine	V V
9.00				out o	SFHO	le in	ID.P.	LAY dow
				Risa	0 +0	RUN	5/2 0	50 15.5
6501				STAT	+ _5 /	2 C S S!	Shoe	IT+ 2/1"
				S/F	lont S	he 1	. D. Ba-	ffle inco.
				rent.	3-2-5	<u> - 10-1</u>	<u>4-17-</u>	20-26-29
				BASKe		- 9- 7		0 2692
1830			۲.	POPP	370	9 · Hook	Fuerci	<u>a w/R.c</u>
130 00 ^E		5	5	Pump	SR.SI	<u>-</u> HZ	O ANEng	
	/	2		Pamp	12 (3	BIS S	iperfle	1 < 4
		~		Pamy	234	3 <u>815 X</u>	~ 2 0	
				MIXT	+ fun	2 1839	KS AA	- 2 cm/p KS
		14		FINISP	1 paris	WAS	Ste Out	Pumpthin
		:		Drop	<u>L. D.</u>	Plus.	457A1	+ Disp. 815 out
200 400 [#]		> < 1		rauch	<u>+ /, </u>	-4 0	40 30	SIS out
215 1500#		38	<u> </u>	Ply a	dow.	N. pum	<u>, p. 74 R.C.</u>	L NZO
0*				+ 6.4	<u>.5615</u> 20	<u>mud</u>	<u>р 24 Ве</u> 	
				Kelens	r []	<u> </u>	$\frac{OK}{IOK}$	
230				Droff Droff	<u>00079.</u> Nir	NI WI	1 DArt al Ris	
3. 7.2				01001	-10 -4	CR.	<u>al Kiş</u>	
	y 61 • P.O. Bo	<u>,</u> 2013	Pratt KS 6	7124-861	2 o (620)	370 - 10 M		

10244 NE Hiway 61 • P.O. Box 8613 • Pratt: KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383



TREATMENT REPORT

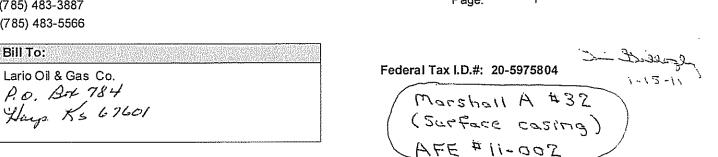
í.y.

1472 (144) 147

Customer	gy se			Lease N	ZNd S-	$\frac{+n \cdot o}{v}$	· · ·	Date	<u></u>	<u>a - 1997 - 1997 - 19</u>	
Arease	io Dil	H (HAC	<u>Ca</u> .	Mall #		· · · · ·		Jaie			
<u>nori na re</u> ield Order #	<u>= </u>	<u></u>	••••	F	- 32				1.5-1	1	
31694	A	Pratt	<u>L</u>		Casing	12 26	697	County /= / / i		<u> </u>	State_ S
ype Job	<u>85 /2</u>		Strip	- 6.9	$\frac{s_1}{s_1}$	・ Formation v に/	1		Legal Des ح_	escription	18
	E DATA	PER	FORATI	ING DATA	۲ FLUI	D USED		TREAT	MENT F	RESUME	
asing Size	11 Tubing Siz	ze Shots/F	FI	430	Acid SKS A-	Cont @	기 / 굿 릴	ATE PRES	s	ISIP	
epth 692	え Depth	From		To 20	Pre Pad	140 Poz	Max7 K H.			5 Min.	
olume 104-K		Triun	1	To . 2 2	Pad SICS+6	01-40 Poz	Min 1		. Training and the second	<u>10 Min.</u>	
ax Press رور ک	Max Press	From		То	Frac	7	Avg	<u></u>		15 Min.	
ell Connectio	ion Annulus V	From		То		· · · · · · · · · · · · · · · · · · ·	HHP Used			Annulus Pr	ressure
lug Depth ズロタフ		epth From		То		420	Gas Volume			Total Load	
	presentative	UP Te	ensen	Stati	ion Manadar	scotty		Treater N //r	- ~		
	28442	7.3708			1	/	19912				
river ames	Werth	Kreun					writh	1	:	· .	
Time	Casing Pressure	' Tubing Pressure		7 Pumped	Rate		Star 2	Servic	e Log 💋		10 416
•		I		· /			076	9 J			
7.335 两	n 200*	Ē			10	Sta		11× 4-	2051	12.	
	ಿ€	I		85	1	FIN.		CM+	<u>~</u>	<u> </u>	
	·]	I				DIOP		clos		Plus	
1.45	Doo4	I			<	STAC			e		
	1000×					1/1+	PSI				
500	<u>,,,,,,,</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		60	4		Pluc	daw	ND	VC	21n	sod.
<u>.</u>						Rolle		'SI- 0	OK		<u></u>
	at in the second	t san ta	t tinne		and the second second	1. Plac	6 348	+ . K/6V =		13:0	1 s Ks
						60/1	40 Poz		1	**************************************	<u> </u>
						WASI	hup E	: a (1.10)	•		
:						RAC	Kize	acin)	•		· ····································
600						100	Ling	males	La.		·
								1	·····		·····
	÷					C.m	t + c	x. Ti	5 P		·
					-		1	1	· · · · · ·		· · ·
						4	+ hi	ndes			
								A A	Men) Peterse	
									K4	00,1.02	
ć			1						- i E		
									 v1/	1161	661.61
1	ŀ		1		*	1			· · · ·	<u> </u>	<u>C Q , ess</u>

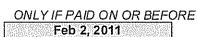


Voice: (785) 483-3887 Fax: (785) 483-5566



Custome	er ID	Well Name# or Customer P.O.	Payment Te	erms
Lario)	Marshell A-32	Net 30 Da	iys
Job Loca	ation	Camp Location	Service Date	Due Date
KS2-01		-Airborne Russell	Jan 8, 2011	2/7/11
Quantity	Item	Description	Unit Price	Amount
185.00	MAT	Class A Common	13.50	2,497.50
3.00	MAT	Gel	20.25	60.75
6.00	MAT	Chloride	51.50	309.00
185.00	SER	Handling	2.25	416.25
1.00	SER	Handling Mileage Charge	300.00	300.00
1.00	SER	Surface	991.00	991.00
15.00	SER	Pump Truck Mileage	7.00	105.00
		Accel Expl. File Accel Expl.		

Subtotal 4,679.50 ALL PRICES ARE NET, PAYABLE Sales Tax 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED Total Invoice Amount 4,679.50 THEREAFTER. IF ACCOUNT IS Payment/Credit Applied CURRENT, TAKE DISCOUNT OF TOTAL 4,679.50 90 \$ 435



INVOICE

Invoice Number: 125866 Invoice Date: Jan 8, 2011 Page: 1

ALLIED CEMENTING CO., LLC. 034067 Federal Tax I.D.# 20-5975804 SERVICE POINT: REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 Russell TWP. RANGE CALLED OUT ON LOCATION SEC. JOB START JOB FINISH DATE /- 8 -/ 12:301 36 /l1:00 A.F 28 STATE COUNTY LOCATION Hays NA Buckey = Rd. LEASE Marshall WELL # A #32 IENh Open Raye IN Einto OLD OR NEW (Circle one) CONTRACTOR Murfis Drillin Rig #16 OWNER TYPE OF JOB Surface HOLE SIZE 12/4 CEMENT T.D. 290 AMOUNT ORDERED _/ 85 Com 32 CC-22 CASING SIZE DEPTH 289 62 **TUBING SIZE** DEPTH DRILL PIPE DEPTH TOOL DEPTH COMMON 185 PRES. MAX MINIMUM @ 13,50 2497,50 MEAS. LINE POZMIX _ SHOE JOINT @ CEMENT LEFT IN CSG. 15 GEL @20,25 60,75 PERFS. CHLORIDE @ 51,50 309100 6 DISPLACEMENT 49 661 ASC _____ @ EQUIPMENT @ @ CEMENTER Shane, Heath @ PUMP TRUCK @ <u># 417</u> HELPER RON. B. @ BULK TRUCK @ 378 Mark. DRIVER @ **BULK TRUCK** @ DRIVER # @ 2.25 HANDLING /F 416,25 MILEAGE 10 /rk/100 300 00 **REMARKS:** TOTAL 35 88.50 Raw Tits + Candias SERVICE Est Circulation. Mixed 185 str **DEPTH OF JOB** 99/100 PUMP TRUCK CHARGE EXTRA FOOTAGE @ . CMCAT 1 re ulatel MILEAGE _____/5 @ 7.00 105,00 MANIFOLD ____ @ @ @ CHARGETO: Lario Oil + Gas TOTAL 1096.00 STREET

PLUG & FLOAT EQUIPMENT

 @
 @
 @
 @
 @

TOTAL

SALES TAX (If Any) ____ TOTAL CHARGES

DISCOUNT

_____ IF PAID IN 30 DAYS

PRINTED NAME _______ SIGNATURE Ary July

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or

contractor. I have read and understand the "GENERAL

TERMS AND CONDITIONS" listed on the reverse side.

Thanks

CITY_____STATE __ZIP_

To Allied Cementing Co., LLC.