

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1160982

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #			API No. 15		
Name:			Spot Description:		
Address 1:			Sec.	Twp S. R	East West
Address 2:			F6	eet from North / Se	outh Line of Section
City: S	tate: Z	ip:+	Fe	eet from East / W	lest Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Cor	rner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well	l #:
	e-Entry	Workover	Field Name:		
	_	_	Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _	
OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	oth:
CM (Coal Bed Methane)	_ dow	тетір. дай.	Amount of Surface Pipe Se	et and Cemented at:	Feet
Cathodic Other (Con	re, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes N	No
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet
Operator:			If Alternate II completion, of	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:	Original T	otal Depth:			
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t		
Commingled	Dormit #		Chloride content:	ppm Fluid volume: _	bbls
Dual Completion			Dewatering method used:		
SWD			Location of fluid disposal if	i hauled offsite:	
☐ ENHR			Loodiion of haid diopodal in	nation office.	
GSW	Permit #:		Operator Name:		
_ <del>_</del>				License #:	
Spud Date or Date Re	ached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West
Recompletion Date		Recompletion Date	County:	Permit #:	

#### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

KCC Office Use ONLY							
Confidentiality Requested							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I II Approved by: Date:							

Page Two



Operator Name:				_ Lease I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov	
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic	
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample	
Samples Sent to Geo	logical Survey	Y	es No		Name Top					
Cores Taken Electric Log Run			es  No							
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks Used Type and Percent Additives						
Perforate Protect Casing	Top Dottern									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)	
Does the volume of the t			-		-			skip question 3)		
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)	
Shots Per Foot			RD - Bridge Plug Each Interval Perl			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)				
				Timervari enorated			( Whole and thing of Material Coop)			
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:				
		0017111				[	Yes N	o		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity	
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!		
DISPOSITION Solo	ON OF GAS:  Used on Lease		N Open Hole	∥ETHOD OF Perf.			mmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Helten 2-35
Doc ID	1160982

# All Electric Logs Run

CDL/CNL/PE	
MEL	
SONIC	
DIL	

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Helten 2-35
Doc ID	1160982

# Tops

Name	Тор	Datum
Heebner	2628	-1183
Lansing	2943	-1498
KC	3160	-1715
Stark Shale	3320	-1875
Hushpuckney	3353	-1908
Base KC	3397	-1952
Marmaton	3469	-2024
Pawnee	3529	-2084
Ft. Scott	3566	-2121
Mississippian	3741	-2296
Kinderhook	4032	-2587

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Helten 2-35
Doc ID	1160982

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
surface	12.25	8.625	23	264	60/40 Poz	170	3% cc, 2% gel
production	7.875	5.5	15.5	4009	AA2	170	.2% defoamer, .8% FLA- 322,
production	7.875	5.5	15.5	4009	AA2	170	10# salt, .75 gas block and
production	7.875	5.5	15.5	4009	AA2	170	.25% cellflake



PAGE	CUST NO	INVOICE DATE
1 of 1	1002301	10/07/2013
······································	INVOICE NUM	BER
	1718 - 913036	81

Pratt

(620) 672-1201

B LARIO OIL & GAS

I P O BOX 84

L MURDOCK

KS US 67111

o ATTN:

ACCOUNTS PAYABLE

LEASE NAME J

Helten

2-35

LOCATION

S

В COUNTY

Kingman

STATE

I т

KS JOB DESCRIPTION Cement-New Well Casing/Pi

JOB CONTACT

ЈОВ #	EQUIPMENT #		ORDER NO.		TER	MS	DUE DATE		
40648442	19905	APE#132	7/		Net - 3	0 days	11/06/2013		
			QTY	U of M	UNIT	PRICE	INVOICE AMOUNT		
For Service Dates.	: 10/01/2013 to 10	0/01/2013	Vertical and the second						
0040648442		TO THE PARTY OF TH			продоложения в протоложения в продоложения в предоложения в продоложения в предоложения в предол		**************************************		
171809135A Cemel Cement 8 5/8 Surfac	nt-New Well Casing/Pi 1 e	0/01/2013							
60/40 POZ			170.00	EA		8.04	1,366.71 T		
Celloflake			43.00	EA		2.48	106.59 T		
Calcium Chloride			441.00	EA		0.70	310.22 T		
"Wooden Cmt Plug,	8 5/8"""		1.00	EA	:	107.19	107.19		
"Unit Mileage Chg (P			45.00	MI		2.85	128.13		
Heavy Equipment Mi			90.00	MI		4.69	422.07		
"Proppant & Bulk De			331.00	EA		1.07	354.81		
Depth Charge; 0-500			1.00	EA		669.95	669.95		
Blending & Mixing Se			170.00	BAG		0.94	159.45		
Plug Container Util. 0			1.00	EA		167.49	167.49		
"Service Supervisor,			1.00	EÀ.		117.24	117.24		
				0CT	16/1/16				
		ND OTHER CORREC					BS 10-9-13		

PLEASE REMIT TO:

SEND OTHER CORRESPONDENCE TO:

BASIC ENERGY SERVICES, LP BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903

801 CHERRY ST, STE 2100 FORT WORTH, TX 76102

SUB TOTAL

TAX

3,909.85 123.06

INVOICE TOTAL

4,032.91

# BASIC\* ENERGY SERVICES

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

# FIELD SERVICE TICKET

1718 09135 A

The second second	ENERGY PRESSURE PUMP	SERVICES Pho	one 620-672	-1201	-5 <i>W</i>		DATE	TICKET NO			
DATE OF JOB ( Ø -	[-(3 p	STRICT Pratt	Iransa	<u>`</u>		VELL I	PROD   INJ	□wdw	□8	USTOMER RDER NO.:	
CUSTOMER _	. ~	iland Gas			LEASE 🖯 e	elte	n			WELL NO.	<u>}-35</u>
ADDRESS					COUNTY /	Ting	Man	STATE	<u> Car</u>	15a5	
CITY		STATE			SERVICE CF	REWC.	lessich'/	M.McGrau	<i>)</i> ;		
AUTHORIZED B	Υ				JOB TYPE:	. N. V	11 Sur				
EQUIPMENT		EQUIPMENT#	HRS	EQUIF	MENT#	HRS	TRUCK CALL	_ED <u>ಇ-3</u> ಟ	TAD - \ -	E AM (U)	ME ∂
37,216	1						ARRIVED AT	JOB (0.1	13	PM ( 3	0
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19960-21,01	0 1						RELEASED	10-1-1		AM 8	ರು_
							MILES FROM	STATION TO \	NELL	<u>45</u>	
products, and/or su	l is authorized to en polies includes all o	RACT CONDITIONS: (This secute this contract as an a f and only those terms and the written consent of an of	igent of the cust conditions appe	tomer. As s earing on the	uch, the unders a front and back	signed agro of this do	ees and acknowle cument. No additi SIGNED: / Pac	edges that this con ional or substitute t	erms	and/or condition	ns shall
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES US				)	UNIT	QUANTITY	UNIT PRICE	=	\$ AMOUN	۷T
CP103	60/40 Pa	oz Cement				SIT	170		15	2,040	<u> 00</u>
						<del> </del>				11 7 5	
50 109	Calcum	Chloride				16 16	<u> </u>		\$ \$	<u>463</u> 159	ψ <u>5</u> Ο
<u>cc 102</u>	Cellf'lai	T &				<u>                                   </u>			+	1 2 1	
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			-	MATE	RIALS		%TAX	ON\$			
			]					TO"	ſAL		
									İ		

SERVICE REPRESENTATIVE & R. M. CGJUL THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

WICE ECEIVED BY: 101 9 Danie (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



# TREATMENT REPORT

Customer Lard Gas Lease No.								Date	$\overline{100}$	1	17				
Lease He	Hen				W	'ell# 2	35						<u> </u>	<u>CL</u>	
Fley Greer #	Station	٦ ٢	ratt	Tro	1n5	,a5		Casing 0 19	234 Bepti		County	Ting/	n a n	State IT all 5	as.
Type Job	. NJ. W	. 5	wrf	40e			-		Formation	1		Legal 75	n なか Description - メイラ	-5W	
PIPI	E DATA		PERF	ORAT	ING-	PATA	nt	EDIM	USED			TREATMEN	T RESUME	=	
Casir/g Size	Tubing Si	ze	Shots/F		17	054	Acid	60/6	to Pozu	ith F	RATE	PRESS	ISIP		
Depth 3Fe	Donih		From	Ì	то 2	2G.	Page E	ad 3-7/Ca	CHUM C	Max Notic	٦,	.25Lb.1	5 15 Min.	11 flatte	<u> </u>
Volume Bb	Volume		From		To		Rad	14.81	b.1Gal.	Mig. 18	Ga	1.15h. L	10 Min.	FT.1Sh	-
Max Press 250 P.5	Max Pres	S	From		То	•	Frac			Ávg		,	15 Min.		
Well Connection	on Annulus V	ol.	From		То					HHP Used				Pressure	·····
Plug Depth		epth	From		То		Flush	10116	J. Fresh	Gas Volum			Total Loa		
Customer Rep	resentative:	F	arm	e /		Station	Manag	ier Te	vin Ga	rdley	Frea (	ter arence l	<u>P. Mes</u>	sich.	
Service Units	37216	77	.686	19,9	05	199	60 2	1,010							
Driver Names () ) ∈			Mc	Gra	W	<u> </u>	ble	,			<u></u>				***************************************
Time (1./)	Casing - Pressure		ubing essure	Bbls	. Pump	ped	R	ate				Service Log			·················
1:30						_	Tru	<u>trso</u>	n locat			old sate			
5:30	Mayer	101	t Dr		145	tav t	+0	YUA				4. 878°C	$\sim$		
6:30										1		<u>irculate</u>		<u>5 minut</u>	<u>e5.</u>
6:45	200							<u>5                                    </u>	i '			<u>ater Pre</u>			
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(15	250 250			<u> </u>	<u> </u>				1			<u>tinane</u>			<u>-</u>
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10244		EJÝ (	MOG	(O) (E	ox(:	918	Prat	taks 6	7/124-86il	3 D (620)	672	112011 o Fa	x (620) (	7/245688	177



PAGE	CUST NO	INVOICE DATE
1 of 1	1002301	10/10/2013
	INVOICE NUM	MBER
	1718 - 913067	755

Helton

2-35 (AFE \$15 ET1)

Pratt

(620) 672-1201

B LARIO OIL & GAS

P O BOX 84

L MURDOCK

KS US 67111

o ATTN:

ACCOUNTS PAYABLE

LEASE NAME LOCATION

В COUNTY

s

Kingman KS

STATE

I Cement-New Well Casing/Pi JOB DESCRIPTION

JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE	ORDER NO.		TE	RMS	DUE I	DATE
40649645	20920				Net -	30 days	11/09,	2013
	<u> </u>		QTY	U of M	UNIT	PRICE	INVOICE	AMOUN'
or Service Dates	: 10/08/2013 to 10	0/08/2013		• •		:		
040649645								
1718081974 Ceme	nt-New Well Casing/Pi 1	0/08/2013						
Cement 5 1/2" Long	-	<b></b>						
AA2 Cement			170.00	EA		11.39		1,936.2
60/40 POZ			50.00	- 1		8.04		401.99
Celloflake			43.00	- 1		2.48		106.5
Salt			921.00	1		0.33		308.5
C-41P			32.00	i		2.68		85.7
C-44			160.00 80.00			3.45 5.02		552.0 401.9
FLA-322			500.00			1.64		820.7
Super Flush Claymax KCL Substi	***		5.00	1		23.45		117.2
"Top Rubber Cmt Pl			1.00	1		70.35		70.
"Guide Shoe - Regul	_		1.00	1		167.50		167.
"Turbolizer, 5 1/2""			6.00	i		73.70		442.
Flapper Type Insrt Fl			1.00	EA		144.05		144
"Unit Mileage Chg (F			45.00	MI		2.85		128.
Heavy Equipment Mi		_	90.00	МІ		4.69		422.
"Proppant & Bulk De	-	()	457.00	EA		1.07		489.
Depth Charge; 4001	'-5000'	$\sim$ $V_{\parallel}$	1.00	EA		1,688.35		1,688.
Blending & Mixing S	ervice Charge	1/0 / M	220.00	BAG		0.94		206.
Plug Container Util. (	Chg.	Le ()	1.00	EA		167.50		167.
"Service Supervisor,	first 8 hrs on loc.	$\mathcal{P}$	1.00	EA		117.25		117.
		// :]						
	**! 	// H	<u> </u>					
		V					B	S
	( <i>þ</i> .,						10-	S 15-13
	<u> </u>	ND OTHER CORRES					-	

SEND OTHER CORRESPONDENCE TO:

BASIC ENERGY SERVICES, LP BASIC ENERGY SERVICES, LP PO BOX 841903

801 CHERRY ST, STE 2100 FORT WORTH, TX 76102

SUB TOTAL

TAX

8,774.76 326.45

9,101.21

DALLAS, TX 75284-1903

INVOICE TOTAL

# BASIC ENERGY SERVICES PRESSURE PLIMPING & WIRELINE

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

### FIELD SERVICE TICKET

1718 00197 A

PRESSI	JRE PUMI	PING & WIRELINE					DATE TICKET NO			
DATE OF 10-8-13	Ċ	DISTRICT PRAIT			MEN M	WELL□	PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:			
CUSTOMER Lari	<del></del>				LEASE HELTON 2-35 WELL NO.					
ADDRESS				COUNTY KING MAIN STATE 155						
CITY		STATE		SERVICE CREW SCOTT Jack JOR ONLY						
AUTHORIZED BY				JOB TYPE:	CNW	Long STring				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	IPMENT#	HRS	TRUCK CALLED 10-775 PM ///5			
1577 + 20120	45/15/						ARRIVED AT JOB 10-8-17 AM 1250			
709 59- 19918	$45m_U$	1		***************************************		***************************************	START OPERATION C AM 3 30			
28447 20273							FINISH OPERATION / AM 4.75			
<u> </u>					nnn -		RELEASED / ♠M 5/5			
							MILES FROM STATION TO WELL 45			
77							ed or merchandise is delivered).			

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVIC	ES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	Т
LP 105	AA2 CEMENT		5 /5	170		3,890	00
CP 103	60/40 POZ	-	SK	50		600	$\alpha$
CC 111	SOLT		10	921		460	50
CC 102	CPLIO FLAKE		15	43		159	10
CC 105	1 C-41 P		<u>b</u>	32		/28	
CC 129	FLA-322		16	80		600	20
CC 115	1-6-44		b	160		824	00
CF 251	Guihe Shoe -		<u> </u>	<i>)</i>		250	00
CF 103	TOP Rubber Plus		24			105	$ \infty $
CF 1451	FLUPPER INSERT		eġ	!_		215	2
CF 1651	Turbidizer		24	6_		660	00
C 704	Clormax		16L	5		175	00
CC 154	Super I Lysh	(2)	iaL	500		1,225	$\infty$
F 101	HEUNI MILPHAE		ηį	90		630	05
CE 240	Mixiha Churat		5	220		308	20
E 113	Blak Unel Merv		12	457		730	80
CE 205	DEPTH Churale	<u></u>	1hr5			2,520	0
(E 504	Plun con Tather		013			250	00
5 003	Superinsor		29			175	缪
E 100	Pickap mileage	ľ	ηį	45	SUB TOTAL		1 1
CH	EMICAL / ACID DATA:			·	<u>, , , , , , , , , , , , , , , , , , , </u>	8,774	76
		SERVICE & EQUIPME	ENT	%TAX			
		MATERIALS		%TAX	ON \$		
		***************************************			TOTAL		
	······································						

SERVICE ON 10/1	THE ABOVE MATERIAL AND SERVICE	11111
REPRESENTATIVE THINK IN TO A SECOND TO THE SECOND THE S	ORDERED BY CUSTOMER AND RECEIVED BY:	14971/Wat

# BASIC ENERGY SERVICES DESSUIDE DI IMPLING & MAIREI INF

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

## FIELD SERVICE TICKET

L718 00197 A

PRESSL		ING & WIRELINE	i. Li Ang	. 14.	DATE TICKET NO.					
DATE OF 7	D	ISTRICT /////	t Min	i.	NEW □ OLD □ PROD □ INJ □ WDW □ CUSTOMER NO:					
CUSTOMER Lagran				-2	LEASE $\mathcal{H}_i$	<u> L. P. r.</u>	M WELL NO.			
ADDRESS				COUNTY KING MAIN STATE / S						
CITY		STATE		SERVICE CREW SOLETT FILED F. (Del.)						
AUTHORIZED BY				JOB TYPE:	CMIV	4000 3/1/20				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED PATE AM TIME			
And the second s	1		10000	- 1- 1		6 2, 18 5	ARRIVED AT JOB			
<u> 2015   1915   </u>				ļ		<b>-</b>	START OPERATION AM			
<u> </u>			-				FINISH OPERATION AM			
9102		***************************************				ļ	RELEASED AM			
*							MILES FROM STATION TO WELL			
The undersigned is auth	orized to ex	kecute this contract as an ag	ent of the	customer. As	s such, the unders	signed agr	ed or merchandise is delivered). ees and acknowledges that this contract for services, materials,			

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 OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/F	PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICE	S USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	
4	165	AAD CEMENT		5 K	170		2,870	
CF	103	(6/40 122		5K	50		680	عک
C.E	(1)	Salt		119	921		460	52
(1	102	1-Un Flake		15	43		159	10
16	105	C-41 P		115			128	00
CE	124	Flat was 22		10	50		600	00
CC	115	C-44.		110	160		824	00
CF.	251	Auhr Shre		(50)	į.		250	00
(F.	11.3	THE BURN OF FLUE		in the	l l		105	00
(F.	1451	Flatfor Insuly		e <sup>th</sup> c <sub>d</sub>	1.		2/5	$\Omega$
(F	17.51	Tulhelizer		24	<i>f</i>		660	00
/	764	CLOVINAY	-	7/16	£.,		175	00
21	154	Killer Eust		inL	57C		1,225	$\omega$
12	ICL	HEAVY MILENGE OF THE		mi	10		630	Œ
ČĖ.	240	mixing Change 1	: /	5/4	220		<u> 309</u>	00
E	113	Hak Med idery	3.5.	T/169	457		730	50
L &	204	OFPTH Charate		1/1/	<i>[</i>			$\infty$
(達	504	Place Con Tartier		77.19	1		.1	0ව
く無	00%	Sufferiasor V		$C[\tilde{Q}]$	1.		175	52
1.7	1	Michigan Millerman	j.	$2\eta_{\rm C}$	45	SUB TOTAL		<u> </u>
		MICAL / ACID DATA:				·	5,779	//-
			SERVICE & EQUIPM			CON'S		:
			MATERIALS		%TA>	(ONS		
						TOTAL	T-1000000000000000000000000000000000000	
						TOTAL	-	

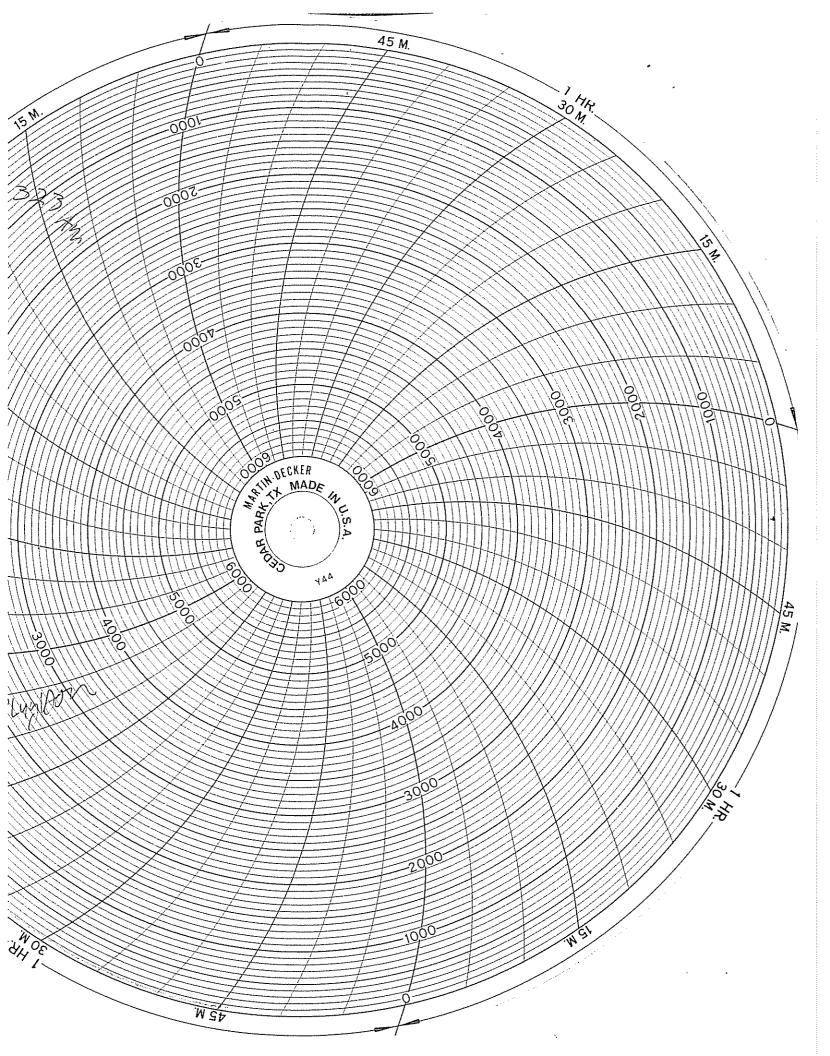
	· · · · · · · · · · · · · · · · · · ·	
REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:	

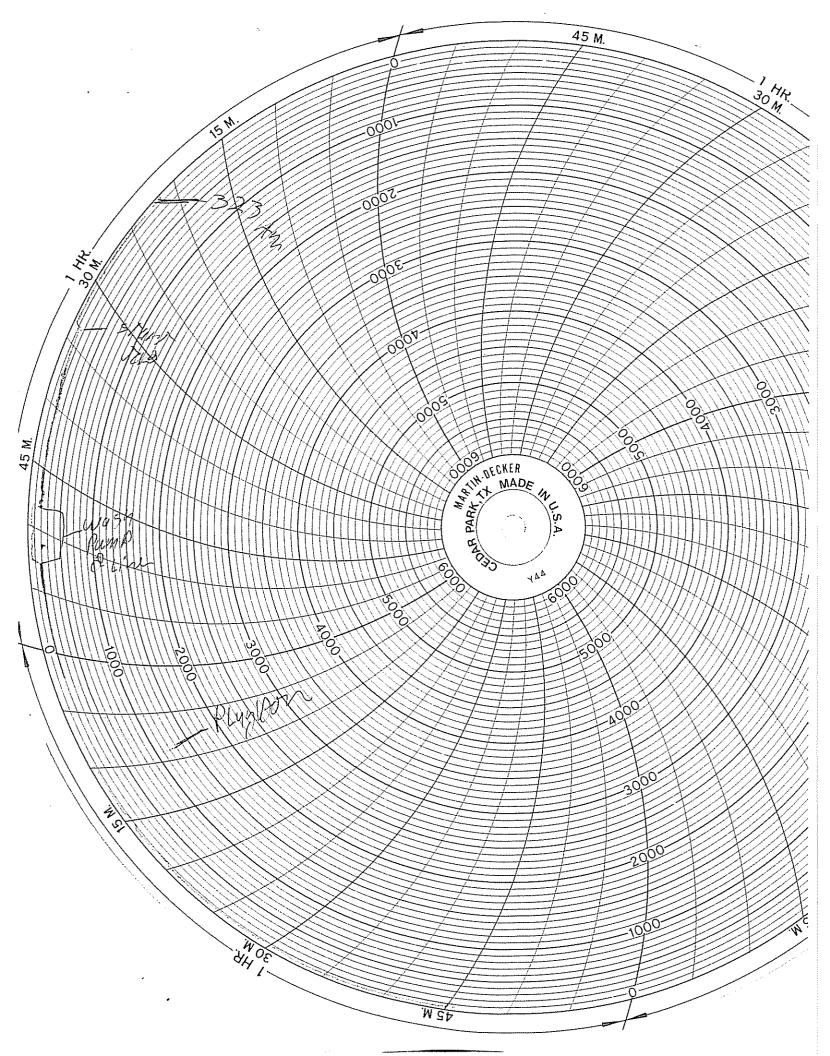


# TREATMENT REPORT

	0,7 ~ ~		,											
Customer /	ario	OiL	6 645	Lease					Date	· · · · ·	/ <b>"</b>			
Lease H	OLTAM			Well #	2-35	5				10-8-17				
Field Order i	Station	Pra	<i>iT</i>			Casing 5	1/2 Dep	th 4008	County K	County King man State 155				
Type Job _	Type Job CNW LONG STring 51						Formatio	n		-'Legal [	Description	35-275-54		
	E DATA	10	ERFORATII			FLUID (	JSED TRE			EATMENT RESUME				
Casing Size	Tubing Size	e Sho	ots/Ft ,	1705	Acit	6 A A			RATE PI	RESS	ISIP			
Depth 4008	Depth	Froi	m 7	Го	Pre	Pad . 4 34	ر ان	Max			5 Min.			
Volume 15	Volume	Froi	m 7	Fo 5 05	I Das	10/40 P		Min			10 Min.			
Max Pressoo	Max Press	Froi	m 1	Го	Fra	'	J por let	Avg			15 Min.			
Well Connection	on Annulus Vo	ol. Fro	m 1	Го				HHP Use				Pressure		
Plug Depth	Packer Dep	oth Froi	m 7	Го	Flus	~ / ~ h		Gas Volu		\$ A \$ = 100 A \$ 1 A \$ 100 A \$	Total Lo	ad		
Customer Rep	oresentative 🦴	Dear	•	Sta	tion Mana	ager / ( a .	یں را جہر	31. 2	Treater	<u>30€ ¥</u>	W. 8 \ 7.11	<u> </u>		
Service Units	337719	20)20	709	<u>59 19</u>	918		28443		2738	<u> </u>				
Driver Names	≈£ (3)	<u> </u>		5/16/	3 1		Jot		Ortor.					
Time	Casing Pressure	Tubin( Pressu		umped		Rate				rvice Log				
0.00				***			Onlac	1515	CTY M	100/19	<u> </u>			
							,		5 /5 /2 0			**************************************		
. 65							Ceol,		-2-5·			· ·		
1.00							<u> </u>	on BOTT	ton I c Pump	170.10	1114 1	19		
2 - 3/2				-		,	HOOFS I	18 50	PUMP	<u> </u>	917 JE	<i>95</i>		
3:20			5		<u>5</u>			Pacer	1.		<u></u>			
	: 757:1		12		5			CP-5						
	100		4/3		5			SPACE		54				
	160		1/	.** _		~~	191X 1	70 A			.a. 11 £	Lines		
			<i>ــــــــــــــــــــــــــــــــــــ</i>		ريد ج		20191 Rolp	<u> POW</u>	<u>) CEC.</u> O/ ,,,	48 1 W.	enr c	<u> </u>		
400	150			<u>-</u>	65		< Tuest	1-127)	PLUG DISP.	41.76	2%	15KL		
100	300				6.5	<b>.</b>	L157	PSZ	107 372 3	<u> </u>		, , , , , , , , , , , , , , , , , , , ,		
	500			_	4		SLOW	Bate			<u> </u>			
415	1300		95		4	_	PLUL	Down				Y-1		
			6		2.6	)	PLUM	BM +	- m'b/					
	O.		6		3.5	•	J	1911	7					
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V'														
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									Than	K 4081				
										500	/			

21-8-01:







# DRILL STEM TEST REPORT

Lario Oil & Gas Company

35-27-5 Kingman Co

301 S Market ST Wichita KS 67202 Hellen #2-35

Job Ticket: 52437

DST#:1

ATTN: Jay Schweiket/ Steve

Test Start: 2013.10.06 @ 00:43:00

#### **GENERAL INFORMATION:**

Time Tool Opened: 04:52:15

Time Test Ended: 10:30:30

Formation:

Mississippi

Deviated:

No

Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Chris Staats

Unit No:

#47

1445.00 ft (KB)

Reference Elevations:

1435.00 ft (CF)

KB to GR/CF:

10.00 ft

Interval:

3742.00 ft (KB) To 3800.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 3800.00 ft (KB) (TVD)

Outside

7.88 inches Hole Condition: Fair

Serial #: 8676 Press@RunDepth:

198.73 psig @

3743.00 ft (KB) End Date:

2013.10.06

Capacity: Last Calib.:

8000.00 psig 2013.10.06

Time On Btm:

2013.10.06 @ 04:48:00

Start Date: Start Time: 2013.10.06 00:43:05

End Time:

10:30:30

Time Off Btm:

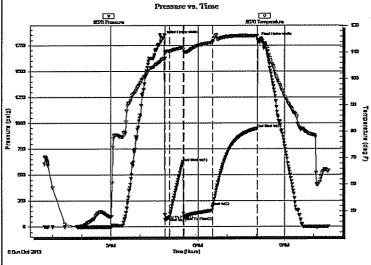
2013.10.06 @ 08:04:15

TEST COMMENT: IF: Strong blow BOB 1 min

ISI: No blow back

FF: Strong blow BOB 1 min GTS 21 min TSTM

FSI: Weak blow back 4"



Р	RESS	SURE	SL	JMN	//ARY	

1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1820.99	107.53	Initial Hydro-static
	5	67.64	109.82	Open To Flow (1)
	. 13	89.44	110.48	Shut-In(1)
	41	623.04	111.90	End Shut-In(1)
	43	96.40	109.99	Open To Flow (2)
	103	198.73	113.92	Shut-In(2)
:	195	947.51	116.20	End Shut-In(2)
	197	1803.61	114.34	Final Hydro-static
				•
1	,			

## Recovery

Length (ft)	Description	Volume (bbi)
0.00	3725" GIP	0.00
135.00	G <sub>i</sub> M w iyh oil spots 2%gas 98%mud	1.89
120.00	G,W,M 2%gas 8%w ater 90%mud	1.68
120.00	M,W 10%mud 90%w ater	1.68

#### Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 52437

Printed: 2013.10.06 @ 14:03:03



# DRILL STEM TEST REPORT

Lario Oil & Gas Company

35-27-5 Kingman Co

301 S Market ST Wichita KS 67202 Hellen #2-35 Job Ticket: 52437

DST#:1

ATTN: Jay Schweiket/ Steve

Test Start: 2013.10.06 @ 00:43:00

#### GENERAL INFORMATION:

Formation:

Mississippi

Deviated:

Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Chris Staats

Unit No: #47

Reference Elevations:

1445.00 ft (KB)

Interval: Total Depth: 3742.00 ft (KB) To 3800.00 ft (KB) (TVD)

Time Tool Opened: 04:52:15

Time Test Ended: 10:30:30

3800.00 ft (KB) (TVD)

1435.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Fair

KB to GR/CF:

10.00 ft

Serial #: 6773

Press@RunDepth:

Inside

psig @

3743.00 ft (KB) End Date:

2013.10.06

Capacity: Last Calib.: 8000.00 psig

Start Date:

2013.10.06 00:43:05

End Time:

10:28:15

Time On Btm:

2013.10.06

Start Time:

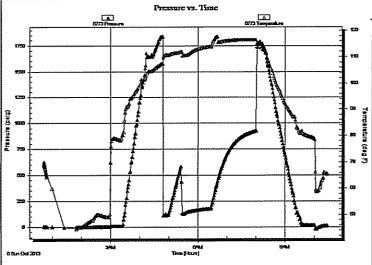
Time Off Btm:

TEST COMMENT: IF: Strong blow BOB 1 min

ISI: No blow back

FF: Strong blow BOB 1 min GTS 21 min TSTM

FSI: Weak blow back 4"



PRE	SSURE	E SUMMAR)	1

	TALOGOTAL COMMUNICATION				
]	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
ı					
		l .		;	

## Recovery

0.00       3725" GIP       0.00         135.00       G,M w iyh oil spots 2%gas 98%mud       1.89         120.00       G,W,M 2%gas 8%w ater 90%mud       1.68	Description	Volume (bbl)	
120.00 G,W,M 2%gas 8%w ater 90%mud 1.68	3725" GIP	0.00	
7.00.00	G,M w iyh oil spots 2%gas 98%mud	1.89	
	G,W,M 2%gas 8%w ater 90%mud	1.68	
120.00 M,W 10%mud 90%w ater 1.68	M,W 10%mud 90%w ater	1.68	
120.00		3725" GIP G,M wiyh oil spots 2%gas 98%mud G,W,M 2%gas 8%w ater 90%mud	

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 52437

Printed: 2013.10.06 @ 14:03:03



# DRILL STEM TEST REPORT

**FLUID SUMMARY** 

deg API

35000 ppm

Lario Oil & Gas Company

35-27-5 Kingman Co

301 S Market ST Wichita KS 67202 Hellen #2-35 Job Ticket: 52437

DST#:1

ATTN: Jay Schweiket/ Steve

Test Start: 2013.10.06 @ 00:43:00

Oil API:

Water Salinity:

### **Mud and Cushion Information**

Mud Type: Gel Chem

Mud Weight:

Water Loss:

Viscosity:

9.00 lb/gal

51.00 sec/qt 9.59 in<sup>3</sup>

Resistivity: 0.00 ohm.m Salinity: 4000.00 ppm Filter Cake: 0.02 inches Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

bbl

ft

psig

## **Recovery Information**

## Recovery Table

Length ft	Description	Volume bbl
0.00	3725" GIP	0,000
135.00	G,M w iyh oil spots 2%gas 98%mud	1.894
120.00	G,W,M 2%gas 8%water 90%mud	1.683
120.00	M,W 10%mud 90%w ater	1.683

Total Length:

375.00 ft

Total Volume:

5.260 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 52437

Printed: 2013.10.06 @ 14:03:03

