



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 142507
Invoice Date: Apr 11, 2014
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

Customer ID	Field Ticket #	Payment Terms	
Lario	62036	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Apr 11, 2014	5/11/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Abemathie Unit #1-3		
		drilling AFE 14-019		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
8.00	CEMENT MATERIALS	Chloride	64.00	512.00
236.30	CEMENT SERVICE	Cubic Feet Charge	2.48	586.02
530.42	CEMENT SERVICE	Ton Mileage Charge	2.60	1,379.09
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	CEMENT SUPERVISOR	Kelly Gabel		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		

al
xl
APR 23 2014
xl

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,586.55

ONLY IF PAID ON OR BEFORE
May 6, 2014

Subtotal	8,621.86
Sales Tax	369.97
Total Invoice Amount	8,991.83
Payment/Credit Applied	
TOTAL	8,991.83

BID SHEET



Date	4/10/14
Service Point:	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27
	Oakley, KS 67248
Business Phone	785-672-3452
E-mail	terry.heinrich@allied.com
Mobile	785-673-9176

Company	Larlo Oil & Gas Company	Prepared For:	Jay Schweikert	Well Data	
Address	301 S. Market	Title:	Oper. Eng.	Open Hole	12 1/4
Address	Wichita Kansas, 67202	Business Phone:	316-265-5611	Depth	350
Well Name	Abernathie Unit	E-mail:	jhschweikert@larlooil.com	I.D.	12.25
Lease	# 1-3	Mobile Phone:		Job Excess	100
Field		Prepared By:	Heal Rupp	Depth	350
County	Scott	Title:	Sales & Field Operation Mng.	O.D.	8.6875
State	Kansas	Business Phone:	316-260-3368	I.D.	7.825
Section	3	E-mail:	heal.rupp@alliedoilservices.com	Casing Weight	24
Township	19S	Mobile Phone:	316-250-7057	Thread	5YC
Range	34W	Rtg Contractor	Southwind	Grade	J-55
API Number		Rtg Name	Rtg N 70		
Proposal Title:	Surface Casing	Rtg Phone			

	Units	UOM	Cost per Unit	Total	Unit	
					Net	Net
CJMN - Casing Pump Charge 0 to 300'	1.00	(for 6 hours)	\$1,512.25	\$ 1,512.25	\$ 1,058.58	\$1,058.58
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 1,512.25			\$1,058.58
Wooden Plug	1.00	Each	\$110.00	\$ 110.00	\$ 80.30	\$80.30
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 110.00			\$80.30
CAC - CLASS A COMMON	225.00	per sack	\$17.90	\$ 4,027.50	\$ 12.53	\$2,819.25
CACL - Calcium Chloride	8.00	per sack	\$64.00	\$ 512.00	\$ 44.80	\$358.40
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 4,539.50			\$3,177.65
HDLG - Products handling service charge	236.30	per cu. ft.	\$2.48	\$ 586.02	\$ 1.74	\$410.22
DRYG - Drayage for products	545.00	ton mile	\$2.60	\$ 1,417.00	\$ 1.82	\$991.90
MILV - Light Vehicle Mileage	50.00	per mile	\$4.40	\$ 220.00	\$ 3.08	\$154.00
MILV - Heavy Vehicle Mileage	50.00	per mile	\$7.70	\$ 385.00	\$ 5.39	\$269.50
Subtotal			\$ 2,608.02			\$1,825.62
	0.00		\$0.00	\$ -	\$ -	\$0.00
	0.00		\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ -			\$0.00
Totals:			\$ 8,769.77			\$6,142.14
DISCOUNT: Operations			30.0%	(453.68)		
DISCOUNT: Equipment Sales			27.0%	(29.70)		
DISCOUNT: Products			30.0%	(1,361.85)		
DISCOUNT: Transport			30.0%	(702.41)		
DISCOUNT: OTHER			30.0%	0.00		
			Total	(2,627.63)		



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 142800
Invoice Date: Apr 24, 2014
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

drilling AFE 14-019
5-5-14 LK

Customer ID	Field Ticket #	Payment Terms	
Lario	62062	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Apr 24, 2014	5/24/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	<u>Abemathie Unit #1-3</u>		
3.00	CEMENT MATERIALS	Gel -- No Charge		
150.00	CEMENT MATERIALS	ASC	20.90	3,135.00
310.00	CEMENT MATERIALS	AMD	25.90	8,029.00
77.00	CEMENT MATERIALS	Flo Seal	2.97	228.69
750.00	CEMENT MATERIALS	Gilsonite	0.98	735.00
45.00	CEMENT MATERIALS	FL-160	18.90	850.50
22.00	CEMENT MATERIALS	Defoamer	9.80	215.60
12.00	CEMENT MATERIALS	Super Flush	58.70	704.40
15.00	CEMENT MATERIALS	Salt -- No Charge		
552.86	CEMENT SERVICE	Cubic Feet Charge	2.48	1,371.09
1,223.00	CEMENT SERVICE	Ton Mileage Charge	2.60	3,179.80
1.00	CEMENT SERVICE	Production -- Bottom Stage	2,765.75	2,765.75
1.00	CEMENT SERVICE	Production -- Top Stage	2,406.25	2,406.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	EQUIPMENT SALES	4-1/2 AFU Float Shoe	425.00	425.00
1.00	EQUIPMENT SALES	4-1/2 Latch Down Flex Plug	272.00	272.00
16.00	EQUIPMENT SALES	4-1/2 Centralizer	57.00	912.00
1.00	EQUIPMENT SALES	4-1/2 Basket	315.00	315.00

XC
MAY 5 2014
XC

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 9,174.49

ONLY IF PAID ON OR BEFORE
May 19, 2014



INVOICE

PO Box 93999
 Southlake, TX 76092

Invoice Number: 142800
 Invoice Date: Apr 24, 2014
 Page: 2

Voice: (817) 546-7282
 Fax: (817) 246-3361

Bill To:
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

Customer ID	Field Ticket #	Payment Terms	
Lario	62062	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Apr 24, 2014	5/24/14

Quantity	Item	Description	Unit Price	Amount
1.00	EQUIPMENT SALES	4-1/2 D V Tool	4,832.00	4,832.00
1.00	CEMENT SUPERVISOR	Talon Jones		
1.00	CEMENT SUPERVISOR	Andrew Forslund		

PAID
 MAY 6 2014

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

\$ 9,174.49

ONLY IF PAID ON OR BEFORE
 May 19, 2014

Subtotal	31,257.08
Sales Tax	1,683.32
Total Invoice Amount	32,940.40
Payment/Credit Applied	
TOTAL	32,940.40

ALLIED OIL & GAS SERVICES, LLC 062062

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Winkley, KS

DATE <u>4-29-14</u>	SEC. <u>3</u>	TWP. <u>19s</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION <u>5:30 pm</u>	JOB START <u>10:00 am</u>	JOB FINISH <u>11:30 am</u>
LEASE <u>liberalite</u>	WELL# <u>1-3</u>	LOCATION <u>Scott city ks W to Falcon Rd</u>			COUNTY <u>Scott</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)				<u>N on 120 Rd West Scott 1 mi</u>			

CONTRACTOR <u>South Wind #70</u>	OWNER <u>Same</u>
TYPE OF JOB <u>long string (2 stg)</u>	
HOLE SIZE <u>7 7/8"</u>	T.D. <u>5660 ft</u>
CASINO SIZE <u>4 1/2"</u>	DEPTH <u>4925 ft</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>D.V.</u>	DEPTH <u>2412 ft</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>19.75</u>
CEMENT LEFT IN CSG. <u>19.75</u>	
PERFS. <u>bottom</u>	<u>Top</u>
DISPLACEMENT <u>77.99</u>	<u>38.35</u>

EQUIPMENT

PUMP TRUCK # <u>431</u>	CEMENTER <u>Talon Jones</u>
	HELPER <u>Andrew Fickler</u>
BULK TRUCK # <u>386/241</u>	DRIVER <u>Juan #2 (TWS)</u>
BULK TRUCK # <u>891/</u>	DRIVER <u>Breg C. (TWS)</u>

CEMENT		
AMOUNT ORDERED <u>150 stks ASC 101504</u>		
<u>5# Gilsonite 2" gel - 30 FT HCO - 15# Deformer</u>		
<u>310 stks AMD 1/4" Flo - seal</u>		
COMMON	@	
POZMIX	@	
GEL <u>3 stks</u>	@	<u>23.00</u> <u>11/C</u>
CHLORIDE	@	
ASC <u>150 stks</u>	@	<u>20.90</u> <u>3135.00</u>
<u>AMD 310 stks</u>	@	<u>25.90</u> <u>8029.00</u>
<u>Flo seal 72 lb.</u>	@	<u>2.92</u> <u>228.69</u>
<u>Gilsonite 750 lb</u>	@	<u>.98</u> <u>735.00</u>
<u>Fl-166 45 lb</u>	@	<u>18.90</u> <u>850.50</u>
<u>Deformer 22 lb</u>	@	<u>9.80</u> <u>215.60</u>
<u>12 bbl Super Flush</u>	@	<u>58.70</u> <u>704.40</u>
<u>salt 15 stks</u>	@	<u>26.35</u> <u>N/C</u>
<u>(30%) Material</u>	@	<u>19,890.17</u>
HANDLING <u>552.86 unit</u>	@	<u>2.48</u> <u>1371.09</u>
MILEAGE <u>2.60 ton/mi 24.46 ton</u>		<u>3174.80</u>

REMARKS:

Pump 12 bbl super flush followed by 150 stks of ASC wash pump & line. Chem Release plus displace plug with water & mud. Hand plug @ 1200 psi. Open D.V Tool @ 800 psi. Plug remove. 15 stks Rate hole 30 stks mix 265 stks. Annul down 4 1/2 casing wash pump. 8-line Chem Release plus displace water. Hand plug 1800 psi.

SERVICE

DEPTH OF JOB		<u>4925 ft</u>
PUMP TRUCK CHARGE	<u>bottom stage</u>	<u>2765.75</u>
EXTRA FOOTAGE	<u>top stg</u>	<u>2406.75</u>
MILEAGE	<u>H.V. 50 mi</u>	<u>385.00</u>
MANIFOLD	<u>Hand</u>	<u>275.00</u>
	<u>L.V. 50 mi</u>	<u>220.00</u>

CHARGE TO: Lario Oil & Gas Company
STREET _____
CITY _____ STATE _____ ZIP _____

(3,125.88/30%) TOTAL 10,602.89

PLUG & FLOAT EQUIPMENT

I-R <u>2 4 1/2 AFU Float shoe</u>	@	<u>425.00</u>
<u>1 4 1/2 Inch down plug float</u>	@	<u>272.00</u>
<u>1/2 centralizers</u>	@	<u>52.00</u>
<u>1 Bestet</u>	@	<u>315.00</u>
<u>1 D-V Tool</u>	@	<u>482.00</u>

(1,824.14/27%) TOTAL 6,726.00

To: Allied Oil & Gas Services, LLC.
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.

SALES TAX (if Any) _____
TOTAL CHARGES 31,257.08
DISCOUNT 9,174.49 (30%/27%) IF PAID IN 30 DAYS

PRINTED NAME Curtis D Keel
SIGNATURE Curtis D Keel

22,082.59 Net.
Bid

BID SHEET



Date	4/24/14
Service Point:	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27 Oakley, KS 67748
Business Phone	785-672-3452
E-mail	terry.heinrich@allied.com
Mobile	785-673-9376

				Well Data			
Company	Largo Oil & Gas Company	Prepared For:	Jay Schweikert	Open Hole	7 7/8	Depth	4950
Address	301 S. Market	Title:	Oper. Engr.			I.D.	7.875
Address	Wichita Kansas, 67202	Business Phone:	316-265-5611			Job Excess	25
Well Name	Aberrant Unit	E-mail:	jhschweikert@largo.com	Casing Size	5 1/2	Depth	4950
Lease	# 1-3	Mobile Phone:				O.D.	5.5
Field		Prepared By:	Neal Rupp			I.D.	5.012
County	Scott	Title:	Sales & Field Operations Manager			Casing Weight	24
State	Kansas	Business Phone:	316-260-3369			Thread	5TC
Section	3	E-mail:	neal.rupp@redstoneks.com			Grade	J-55
Township	19S	Mobile Phone:	316-250-7057				
Range	34W	Rig Contractor	Unknown				
API Number		Rig Name					
Proposal Title:	Two-Stage Production	Rig Phone					

	Units	UOM	Cost per Unit	Total	Unit	
					Net	Net
C/SO - Casing Pump Charge 4001' to 5000'	1.00	(for 6 hours)	\$2,765.75	\$ 2,765.75	\$ 1,936.03	\$1,936.03
	1.00	(for 6 hours)	\$2,406.25	\$ 2,406.25	\$ 1,684.38	\$1,684.38
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 5,172.00		\$3,620.40
ATU Float Shoe	1.00	Each	\$545.00	\$ 545.00	\$ 397.85	\$397.85
Latch Down Plug	1.00	Each (Blue)	\$325.00	\$ 325.00	\$ 237.25	\$237.25
Stage Collar	1.00	Each	\$5,385.00	\$ 5,385.00	\$ 3,894.55	\$3,894.55
Cement Basket	1.00	Each	\$395.00	\$ 395.00	\$ 288.35	\$288.35
Centralizer	16.00	Each	\$57.00	\$ 912.00	\$ 41.63	\$665.76
	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 7,512.00		\$5,483.76
ASCA - ALLIED SPECIAL BLEND CMT. CLASS A	230.00	per sack	\$20.90	\$ 4,807.00	\$ 14.63	\$3,364.90
AMDA - ALLIED MULTI-DENS. CMT. CLASS A	270.00	per sack	\$25.90	\$ 6,993.00	\$ 18.13	\$4,895.10
FLSL - Flo Seal	70.00	per pound	\$2.97	\$ 207.90	\$ 2.08	\$145.53
GILS - Gilsonite	1150.00	per pound	\$0.98	\$ 1,127.00	\$ 0.69	\$788.90
FL-160 - FL-160 Fluid Loss Additive Hi-Temp	65.00	per pound	\$18.90	\$ 1,228.50	\$ 13.23	\$859.95
PDEF - Powdered Defoamer	32.00	per pound	\$9.80	\$ 313.60	\$ 6.66	\$219.52
SPFL - Super Flush	12.00	per bbl	\$58.70	\$ 704.40	\$ 41.09	\$493.03
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 15,381.40		\$10,766.98
HDLG - Products Handling service charge	611.60	per cu. ft.	\$2.48	\$ 1,516.77	\$ 1.74	\$1,051.74
DRYG - Drayage for products	1350.00	ton mile	\$2.60	\$ 3,510.00	\$ 1.82	\$2,457.00
MIHV - Light Vehicle Mileage	50.00	per mile	\$4.40	\$ 220.00	\$ 3.03	\$154.00
MIHV - Heavy Vehicle Mileage	50.00	per mile	\$7.70	\$ 385.00	\$ 5.39	\$269.50
Subtotal				\$ 5,631.77		\$3,932.24
CMHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 192.50	\$192.50
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 275.00		\$192.50
Totals:				\$ 33,972.17		\$24,005.88
DISCOUNT: Operations			30.0%	(1,551.60)		
DISCOUNT: Equipment Sales			27.0%	(2,028.24)		
DISCOUNT: Products			30.0%	(4,614.42)		
DISCOUNT: Transport			30.0%	(1,689.53)		
DISCOUNT: OTHER			30.0%	(82.50)		
			Total	(9,966.29)		

was Bid For 5 1/2 they used
4 1/2 so priced different on
Ticket. Thanks.



PAGE 1 of 1	CUST NO 1002301	INVOICE DATE 05/27/2014
INVOICE NUMBER 1717 - 91500146		

Liberal (620) 624-2277
 B LARIO OIL & GAS
 I PO Box: 1093
 L GARDEN CITY
 L KS US 67846
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Abernathie Unit # 1-3
 O LOCATION Completion AFB-14-019
 B COUNTY Scott CR 5/30/14
 S STATE KS
 I JOB DESCRIPTION Frac Job-New Well
 T JOB CONTACT
 E

JOB # 40726309	EQUIPMENT # 70192	PURCHASE ORDER NO.	TERMS Net - 30 days	DUE DATE 06/26/2014
-------------------	----------------------	--------------------	------------------------	------------------------

	QTY	U o f M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 05/23/2014 to 05/23/2014</i>				
0040726309				
171704219A Frac Job-New Well 05/23/2014 Bucket Frac				
ProGel 300	10,000.00	EA	0.29	2,850.00
NE-150L	5.00	EA	39.90	199.50
580 ME Surfactant	10.00	EA	39.90	399.00
Claymax KCL Substitute	5.00	EA	33.25	166.25
Bio-3 Powdered Biocide	1.00	EA	63.08	63.08
Breaker- 10-L	1.00	EA	166.25	166.25
20-40 mesh and smaller	30.00	BAG	29.45	883.50
Heavy Equipment Mileage	100.00	MI	6.65	665.00
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	4.04	403.75
Rock Salt Plug - Mini Blender Charge	1.00	EA	427.50	427.50
"Service Supervisor, first 8 hrs on loc.	1.00	EA	166.25	166.25
Acid Pump Service	1.00	EA	855.00	855.00

Handwritten initials/signature
 ye

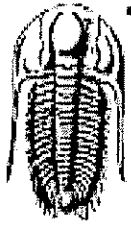
PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,245.08
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	0.00
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	7,245.08
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

Customer Lario Oilandgas	Lease No. 1-3	Lease Bbernath: unit	Field Order # 1717	Station 1717	Casing 4 1/2	Depth 4686	County Scott	State KS	Type Job 2R2	Formation Cherokee	Legal Description Sec 3-195-34w
Date 5-23-14											

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 4 1/2	Tubing Size 2 3/8	Shots/Ft	Acid	RATE	PRESS	ISIP	1000
Depth 49'	Depth 4637	From	Pre Pad	Max	5 Min.	900	
Volume 77	Volume 172	From	2500 gal Progel 300	Min	10 Min.	850	
Max Press 500	Max Press 2000	From	500 gal Progel 300	Avg	15 Min.	800	
Well Connection 2 3/8	Annulus Vol.	From		HHP Used			
Plug Depth 4637	Packet Depth 4637	From	Flush 1108 gal Progel 300	Gas Volume	Total Load	202 lbs	

Customer Representative Jo Seph Weber	Station Manager Cory Bennett	Treater Scott: Heston
Service Units 39878	Driver Suan	
Service Units 30325	Driver Margie	
Service Units 70192	Driver Marlo	
Service Units 70320	Driver Patty	
Service Units 70320	Driver Header	

Time	Pressure	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
8:00						no location
8:30						Safety Meeting Rigging
9:40	2000			1		Brineup Ps: Test
9:41	50			1	4.0	Start 2500 gal Pad
9:46	1600			19	2.0	Loaded
9:47	1500			23	6.0	established Rate
9:53	1500			59	6.0	Start 1000 gal 1/4 # 20140
9:55	1500			78	6.0	1/4 # OIB 20140
9:56	1500			83	6.0	Start 2000 gal 1/2 # 20140
10:01	1500			102	6.0	1/2 # 20140 OIB
10:06	1500			131	6.0	Start 1000 gal 3/4 # 20140
10:09	1500			150	6.0	3/4 # OIB 20140
10:10	1500			155	6.0	Start 1000 gal 1 # 20140
10:13	1500			174	6.0	1 # 20140 OIB
10:13	1500			179	6.0	Start Flush
10:18	1500			202		Shut Down
10:18	1000					1517
10:23	906					5
10:28	850					10
10:33	800					15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57637

DST#: 1

ATTN: Mac Armstrong

Test Start: 2014.04.20 @ 13:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

53000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
830.00	mcw 10m 90w (oil spots)	9.138

Total Length: 830.00 ft

Total Volume: 9.138 bbf

Num Fluid Samples: 0

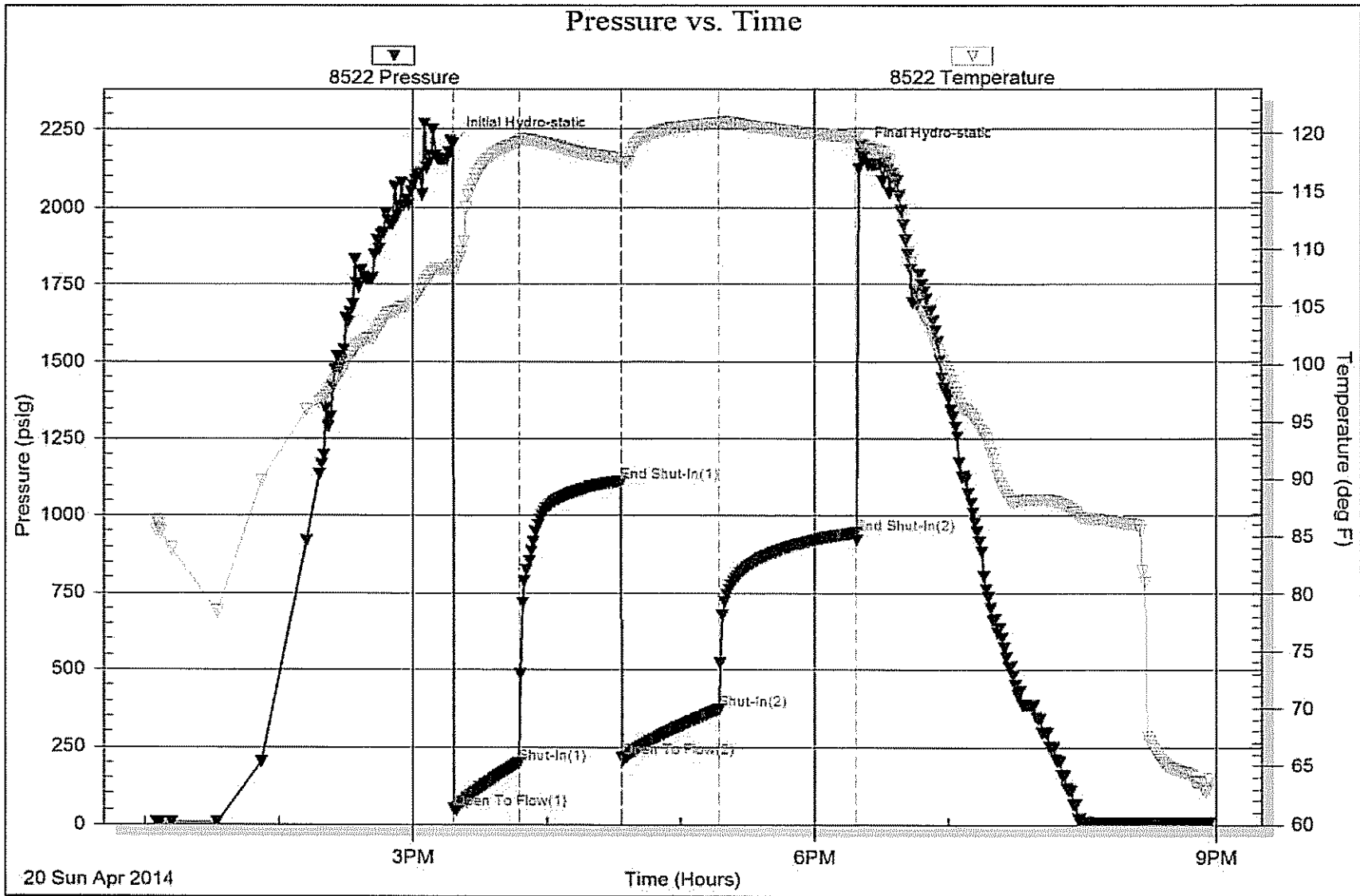
Num Gas Bombs: 0

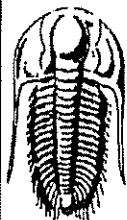
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .160 @ 62F = 53,000ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57638

DST#: 2

ATTN: Mac Armstrong

Test Start: 2014.04.21 @ 19:00:00

GENERAL INFORMATION:

Formation: **Marmaton, Pawnee, Ft**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:05:15

Time Test Ended: 02:52:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4524.00 ft (KB) To 4618.00 ft (KB) (TVD)

Total Depth: 4618.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3119.00 ft (KB)

3109.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press@RunDepth: 124.64 psig @ 4525.00 ft (KB)

Start Date: 2014.04.21

End Date:

2014.04.22

Capacity: 8000.00 psig

Last Calib.: 2014.04.22

Start Time: 19:00:05

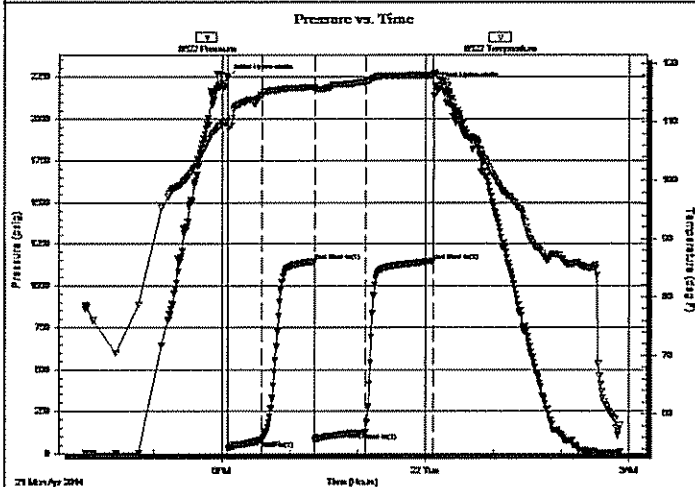
End Time:

02:52:29

Time On Btm: 2014.04.21 @ 21:05:00

Time Off Btm: 2014.04.22 @ 00:08:15

TEST COMMENT: IF: BOB @ 15 min.
IS: No return.
FF: BOB @ 3 min.
FS: Surface return, died @ 20 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.49	110.18	Initial Hydro-static
1	31.50	108.90	Open To Flow (1)
30	80.09	114.59	Shut-In(1)
77	1143.60	115.99	End Shut-In(1)
77	77.26	115.65	Open To Flow (2)
122	124.64	116.88	Shut-In(2)
182	1146.96	117.96	End Shut-In(2)
184	2197.71	118.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gmw co 20g 20m 20w 40o	1.68
60.00	gmco 50g 10m 40o	0.84
70.00	gocm 20g 25o 55m	0.98
0.00	540' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57638

DST#: 2

ATTN: Mac Armstrong

Test Start: 2014.04.21 @ 19:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	gmw co 20g 20m 20w 40o	1.683
60.00	gmco 50g 10m 40o	0.842
70.00	gocm 20g 25o 55m	0.982
0.00	540' GIP	0.000

Total Length: 250.00 ft Total Volume: 3.507 bbf

Num Fluid Samples: 0

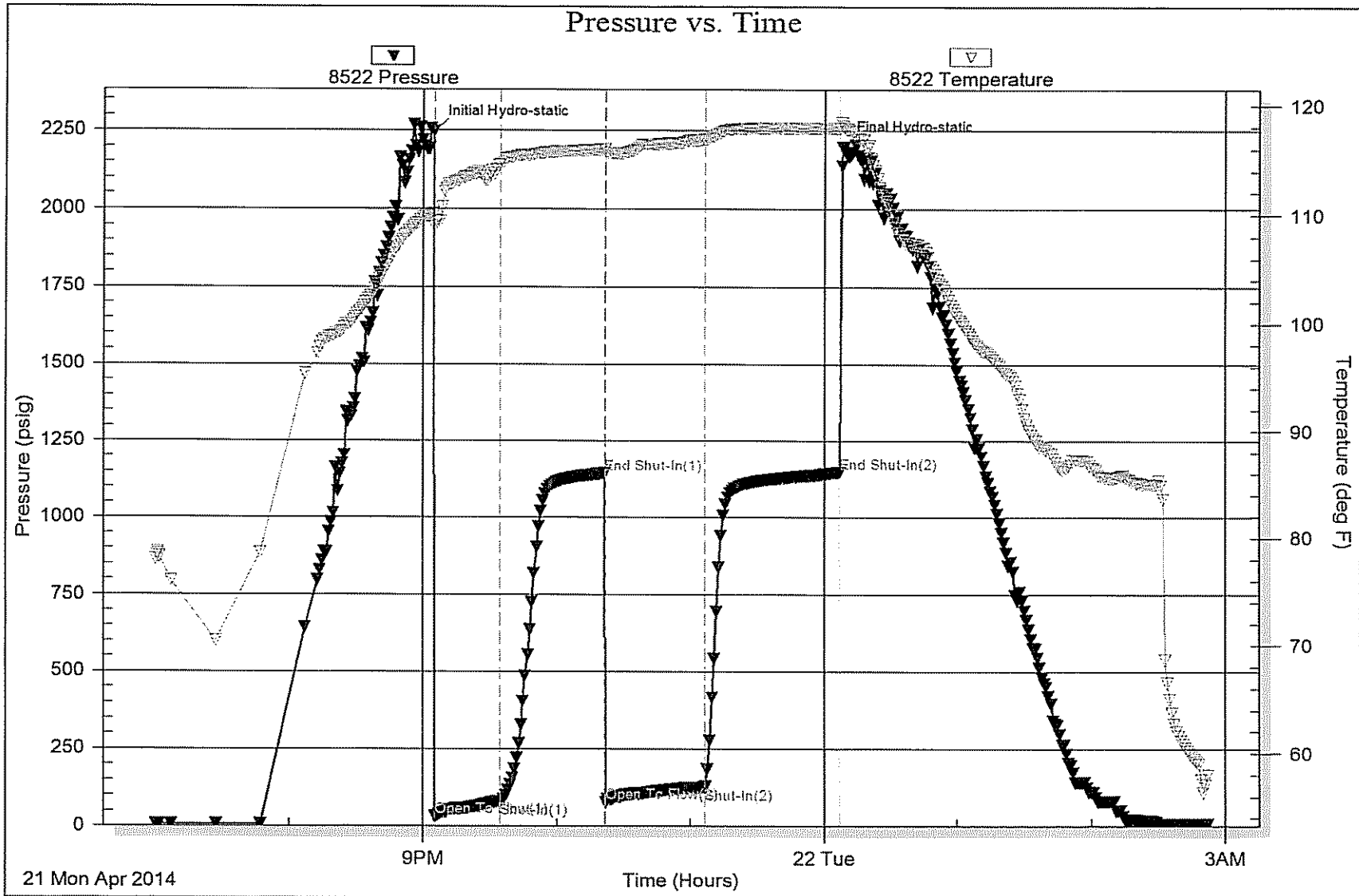
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

301 S. Market St.
Wichita, KS 67202

ATTN: Mac Armstrong

3 19s 34w Scott, Ks

Abernathie Unit 1-3

Job Ticket: 57639

DST#: 3

Test Start: 2014.04.22 @ 17:23:00

GENERAL INFORMATION:

Formation: **Cherokee Lime - John**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:15:45

Time Test Ended: 00:31:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4628.00 ft (KB) To 4712.00 ft (KB) (TVD)

Total Depth: 4628.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3119.00 ft (KB)

3109.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press@RunDepth: 65.81 psig @ 4629.00 ft (KB)

Start Date: 2014.04.22

End Date:

2014.04.23

Start Time: 17:23:05

End Time:

00:31:29

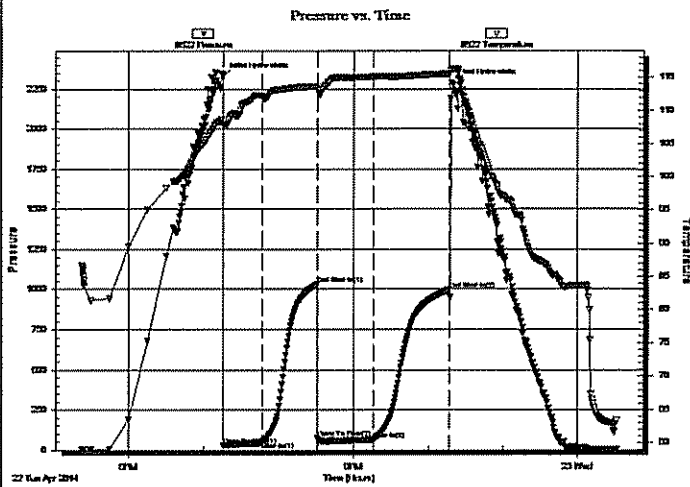
Capacity: 8000.00 psig

Last Calib.: 2014.04.23

Time On Btm: 2014.04.22 @ 19:15:30

Time Off Btm: 2014.04.22 @ 22:19:00

TEST COMMENT: IF: 5" blow.
IS: No return.
FF: BOB @ 25 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2333.03	108.61	Initial Hydro-stallic
1	27.01	107.83	Open To Flow (1)
31	51.00	112.31	Shut-In(1)
75	1030.05	113.64	End Shut-In(1)
76	77.25	113.21	Open To Flow (2)
120	65.81	115.12	Shut-In(2)
182	998.15	115.60	End Shut-In(2)
184	2290.43	116.29	Final Hydro-static

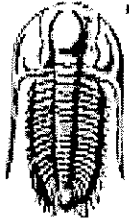
Recovery

Length (ft)	Description	Volume (bbl)
115.00	gmco 30g 35m 35o	1.61
0.00	125' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57639

DST#: 3

ATTN: Mac Armstrong

Test Start: 2014.04.22 @ 17:23:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
115.00	gmco 30g 35m 35o	1.613
0.00	125' GIP	0.000

Total Length: 115.00 ft Total Volume: 1.613 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

