



PAGE 1 of 1	CUST NO 1002301	INVOICE DATE 10/31/2013
INVOICE NUMBER 1718 - 91326923		

Pratt (620) 672-1201
 B LARIO OIL & GAS
 I P O BOX 84
 L MURDOCK
 L KS US 67111
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Young Cox Unit 1-27
 O LOCATION AFE#14322
 B COUNTY Kingman
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40657461	19843		Net - 30 days	11/30/2013	
<i>For Service Dates: 10/29/2013 to 10/29/2013</i>		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
0040657461					
171809354A Cement-New Well Casing/Pi 10/29/2013 Cement Surface					
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 (PU, cars one way)"		45.00	MI	2.85	128.13
Heavy Equipment Mileage		90.00	MI	4.69	422.07
"Proppant & Bulk Del. Chgs., per ton mil		331.00	EA	1.07	354.81
Depth Charge; 0-500'		1.00	EA	669.95	669.95
Blending & Mixing Service Charge		170.00	BAG	0.94	159.45
Plug Container Util. Chg.		1.00	EA	167.49	167.49
"Service Supervisor, first 8 hrs on loc.		1.00	EA	117.24	117.24

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,909.85
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	123.06
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,032.91
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

BS
11-4-13



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 09354 A

DATE _____ TICKET NO. _____

DATE OF JOB 10-29-13 DISTRICT PRATT		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:			
CUSTOMER LARCO OIL + GAS		LEASE Young Cox Unit				WELL NO. 1-27			
ADDRESS		COUNTY Kingman		STATE KS					
CITY STATE		SERVICE CREW MARTIN, MAQUENZ, KURMIN							
AUTHORIZED BY		JOB TYPE: CW SP SURFACE							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 10-29-13	AM/PM	TIME
37586	.5					ARRIVED AT JOB		AM/PM	7:00
19884/19847	.5					START OPERATION		AM/PM	12:40
						FINISH OPERATION		AM/PM	1:15
19859/19918	.5					RELEASED		AM/PM	2:00
						MILES FROM STATION 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.

SIGNED [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 F02	SK	170		2,040 00
CC 109	Calcium Chloride	LB	441		463 05
CC 102	Cellulose	LB	43		159 10
CA 153	WOODEN CMT Plug 5/8	EA	1		160 00
E 100	P.H. MIL	MT	45		191 25
E 101	HAVY EQ MILD	MT	90		630 00
E 113	PROP BLOW DOL	TM	331		529 20
CE 200	DETA CHARGE 0-500'	YAL	1		1,000 00
CE 504	PLUG CONTAIN	JOB	1		250 00
S 003	SEALER SUPPLY	EA	1		175 00
CE 740	BLENDED DOL MARIAN	SK	170		238 00
SUB TOTAL					3,909 85

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <u>MARK MARTIN</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
---	--

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 09354 A

DATE _____ TICKET NO. _____

DATE OF JOB		DISTRICT		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.	
CUSTOMER				LEASE				WELL NO.	
ADDRESS				COUNTY				STATE	
CITY				STATE				SERVICE CREW	
AUTHORIZED BY				JOB TYPE: <u>SURFACE</u>					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
						ARRIVED AT JOB		AM PM	
						START OPERATION		AM PM	
						FINISH OPERATION		AM PM	
						RELEASED		AM PM	
						MILES FROM STATION TO WELL			

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CE 100	100		17		2,040
CE 100	100		44		465
CE 100	100		4		197
CE 100	100		7		160
CE 100	100		4		191
CE 100	100		9		630
CE 100	100		13		529
CE 100	100		11		1,000
CE 100	100		11		250
CE 100	100		11		175
CE 700	BLENDING MICHIGAN	5L	150		736

SUB TOTAL 8,709

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer LARD OIL & GAS	Lease No.	Date 10-29-13
Lease Young COX UNIT	Well # 1-27	
Field Order # 9354	Station Pratt	Casing 8 5/8 Depth 260
Type Job CNW SP	Formation	County Kingman State KS
		Legal Description 27-27-5

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 170 SKS 60/40 POZ	RATE 370 CC	PRESS 1 1/2 # CF	ISIP	
Depth 260	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 16.56	Volume	From	To	Pad	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 245	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative **JAY SCHWARTZ** Station Manager **Kevin Goodley** Treater **MIKE MATHAI**

Service Units	37530	19889	19843	19959	19915				
Driver Names	MATHAI	MATHAI	24+2	KLIEBMAN					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00	-		-	-	ON LOCATION / SETTING UP
11:50	-		-	-	RUN 8 5/8 Casing
12:30 PM					ON BOTTOM
12:35					HOOK UP TO Casing / DISPERSE
12:50	200		5	5	PUMP 5 BBLs H2O
12:52	150		40	4	MIX 170 SKS 60/40 POZ
1:05	-		-	-	RELEASE PLUG
1:09	100		-	-	START DISPLACEMENT
1:15	150		15.5		PLUG DOWN
					12 BBLs SLURRY TO RT
					C.C. THEN JOB
					JOB COMPLETE
					THANK YOU
					MIKE MATHAI



PAGE	CUST NO	INVOICE DATE
1 of 1	1002301	11/07/2013
INVOICE NUMBER		
1718 - 91330939		

Pratt (620) 672-1201
 B LARIO OIL & GAS
 I P O BOX 84
 L MURDOCK
 L KS US 67111
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Young Cox Unit 1-27
 O LOCATION AFE#133222
 B COUNTY Kingman
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40659921	20920		Net - 30 days	12/07/2013
For Service Dates: 11/06/2013 to 11/06/2013				
0040659921				
171809360A Cement-New Well Casing/Pi 11/06/2013				
Cement 5 1/2" Longstring				
AA2 Cement		170.00	EA	11.39
60/40 POZ		50.00	EA	8.04
Salt		921.00	EA	0.33
Celloflake		43.00	EA	2.48
C-41P		32.00	EA	2.68
FLA-322		80.00	EA	5.02
Claymax KCL Substitute		5.00	EA	23.45
Super Flush		500.00	EA	1.64
"Guide Shoe - Regular. 5 1/2" (Blue)"		1.00	EA	167.50
"Top Rubber Cmt Plug, 5 1/2" "		1.00	EA	70.35
Flapper Type Insert Float Valves, 5 1/2"		1.00	EA	144.05
"Turbolizer, 5 1/2" (Blue)"		6.00	EA	73.70
Heavy Equipment Mileage		90.00	MI	4.69
Blending & Mixing Service Charge		220.00	BAG	0.94
"Proppant & Bulk Del. Chgs., per ton mil		457.00	EA	1.07
Depth Charge; 4001'-5000'		1.00	EA	1,688.35
Plug Container Util. Chg.		1.00	EA	167.50
"Service Supervisor, first 8 hrs on loc."		1.00	EA	117.25
"Unit Mileage Chg (PU, cars one way)"		45.00	MI	2.85
C-44		160.00	EA	3.45

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,774.76
BASIC ENERGY SERVICES,LP	BASIC ENERGY SERVICES,LP	TAX	326.45
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	9,101.21
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

BS
11-12-13



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 09360 A

DATE _____ TICKET NO. _____

DATE OF JOB 11-6-13 DISTRICT Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER LARIO OIL + GAS		LEASE Young COX UNIT WELL NO. 1-27						
ADDRESS		COUNTY Kingman STATE KS						
CITY STATE		SERVICE CREW MATTAI, Gravo, Pircan						
AUTHORIZED BY 1		JOB TYPE: CNW L.S. LOWCOSTING						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 11-5-13 DATE	AM PM	TIME
37586	1					ARRIVED AT JOB 11-6-13	AM PM	3:00
						START OPERATION	AM PM	11:40
33708/20920	1					FINISH OPERATION	AM PM	1:00
						RELEASED	AM PM	1:50
19574/198102	1					MILES FROM STATION TO WELL		45

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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

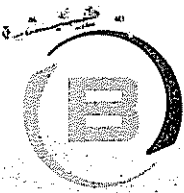
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 cat	SK	170		2,890.00
CP 103	60/40 P02	SK	50		600.00
CC 111	SAT	1B	921		460.50
CC 102	Call of 140	1b	43		159.10
CC 105	C-41P	1b	32		128.00
CC 129	FIA-322	1b	80		600.00
CC 115	C-44	1b	160		824.00
CF 251	Slide shoe Reg. 5 1/2	EA	1		250.00
CF 103	TOP RUBBER Plug 5 1/2	EA	1		105.00
CF 1451	FIATP insert FROAT VANE 5 1/2	EA	1		215.00
CF 1651	THIBOLICOR 5 1/2	EA	6		660.00
C 704	CLAYMAY	9AI	5		175.00
CC 154	54P00 FLUSH	9AI	500		1,225.00
SUB TOTAL					

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		114

SERVICE REPRESENTATIVE Mide Mattai	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 09360 A

DATE _____ TICKET NO. _____

DATE OF JOB: <u>11/1/11</u>		DISTRICT: <u>P...</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:		
CUSTOMER: <u>L...</u>				LEASE: <u>Y...</u>				WELL NO.: <u>177</u>		
ADDRESS:				COUNTY: <u>K...</u>		STATE: <u>K</u>				
CITY:				STATE:		SERVICE CREW: <u>...</u>				
AUTHORIZED BY:				JOB TYPE: <u>...</u> <u>LONGSIDING</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>...</u>										
							ARRIVED AT JOB			
							START OPERATION			
							FINISH OPERATION			
							RELEASED			
							MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>CC 101</u>	<u>...</u>	<u>...</u>	<u>170</u>		<u>2,890.00</u>
<u>CC 102</u>	<u>...</u>	<u>...</u>	<u>...</u>		<u>600.00</u>
<u>CC 110</u>	<u>...</u>	<u>...</u>	<u>700</u>		<u>460.00</u>
<u>CC 103</u>	<u>...</u>	<u>...</u>	<u>4300</u>		<u>157.00</u>
<u>CC 104</u>	<u>...</u>	<u>...</u>	<u>30</u>		<u>125.00</u>
<u>CC 105</u>	<u>...</u>	<u>...</u>	<u>50</u>		<u>600.00</u>
<u>CC 106</u>	<u>...</u>	<u>...</u>	<u>10</u>		<u>824.00</u>
<u>CC 107</u>	<u>...</u>	<u>...</u>	<u>...</u>		<u>250.00</u>
<u>CC 108</u>	<u>...</u>	<u>...</u>	<u>1</u>		<u>100.00</u>
<u>CC 109</u>	<u>...</u>	<u>...</u>	<u>1</u>		<u>215.00</u>
<u>CC 110</u>	<u>...</u>	<u>...</u>	<u>6</u>		<u>660.00</u>
<u>C 704</u>	<u>...</u>	<u>...</u>	<u>...</u>		<u>175.00</u>
<u>CC 111</u>	<u>...</u>	<u>...</u>	<u>...</u>		<u>1225.00</u>

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	
TOTAL		<u>160</u>

SERVICE REPRESENTATIVE: _____	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
-------------------------------	--

FIELD SERVICE ORDER NO. _____



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 00001 A

DATE OF JOB	DISTRICT	NEW WELL <input type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.			
CUSTOMER	LEASE		WELL NO.							
ADDRESS		COUNTY	STATE							
CITY		STATE		SERVICE CREW						
AUTHORIZED BY		JOB TYPE:								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
					191 20
					630 00
					730 80
					308 00
					2 00
					2 00
					175 00

CHEMICAL / ACID DATA:			

SUB TOTAL	8774 86
SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE: _____
FIELD SERVICE ORDER NO. _____
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

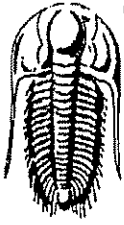
Customer <i>Lewis Oil + Gas</i>	Lease No.	Date <i>11-6-13</i>
Lease <i>Young Cox Unit</i>	Well # <i>1-27</i>	
Field Order # <i>9366</i>	Station <i>Pratt</i>	Casing <i>5 1/2</i>
		Depth <i>4082.6</i>
Type Job <i>CAN L.S.</i>	Formation	County <i>Kingman</i>
		State <i>K1</i>
		Legal Description <i>27-27J-054</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid <i>170 SKS AA2</i>	RATE <i>5.5 GPM</i>	PRESS <i>1020 PSI</i>	ISIP <i>17.1 MPa @ 2700 PSI</i>
Depth <i>4082.63</i>	Depth	From	To	Pre Pad <i>170 gals H₂O</i>	Max		5 Min.
Volume <i>95.77</i>	Volume	From	To	Pad <i>50 SKS 60/40</i>	Min		10 Min.
Max Press <i>1800</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>3957.7</i>	Packer Depth	From	To	Flush <i>94</i>	Gas Volume		Total Load

Customer Representative *JAY Schweiker* Station Manager *Kevin Guinley* Treater *Mike MATTI*

Service Units	<i>37586</i>	<i>33708</i>	<i>20920</i>	<i>19831</i>	<i>19862</i>
Driver Names	<i>MATTI</i>	<i>GILLES</i>		<i>PIERSON</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:00 AM</i>					<i>ON LOCATION SAFETY MEETING</i>
<i>7:45</i>					<i>RUN 5 1/2 15.5" CSNG</i>
					<i>TUBING ON 1, 2, 4, 5, 10, 11</i>
<i>10:40</i>					<i>ON BOTTOM</i>
<i>10:20</i>					<i>HOOK UP TO CSNG / BREAK CIRC W RIG</i>
<i>11:40</i>			<i>5</i>	<i>5</i>	<i>PUMP 5 bbl H₂O</i>
<i>11:41</i>			<i>12</i>	<i>5</i>	<i>PUMP 12 bbl SUPERFLUSH</i>
<i>11:44</i>	<i>150</i>		<i>5</i>	<i>5</i>	<i>PUMP 5 bbl H₂O</i>
<i>11:45</i>	<i>200</i>		<i>44</i>	<i>5</i>	<i>MIX 170 SKS AA2 CMT</i>
<i>11:55</i>					<i>WASH PUMP + L.O. Release pump</i>
<i>11:59</i>	<i>50</i>			<i>5</i>	<i>START 2% KEL DISP.</i>
<i>12:19</i>	<i>400</i>		<i>85</i>	<i>4</i>	<i>slow to 4 GPM</i>
<i>12:20</i>	<i>800/1300</i>		<i>94</i>		<i>PLUG DOWN, P2 TO BOU, release L.O.</i>
<i>12:25</i>			<i>7/5</i>		<i>PLUG RATA HOUSE HOLE</i>
					<i>END TRIP JOB</i>
					<i>JOB COMPLETE</i>
					<i>THANK YOU</i>
					<i>MIKE MATTI</i>



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario O & G Co.
301 S. Market St.
Wichita, KS 67202-3805
ATTN: John Hastings

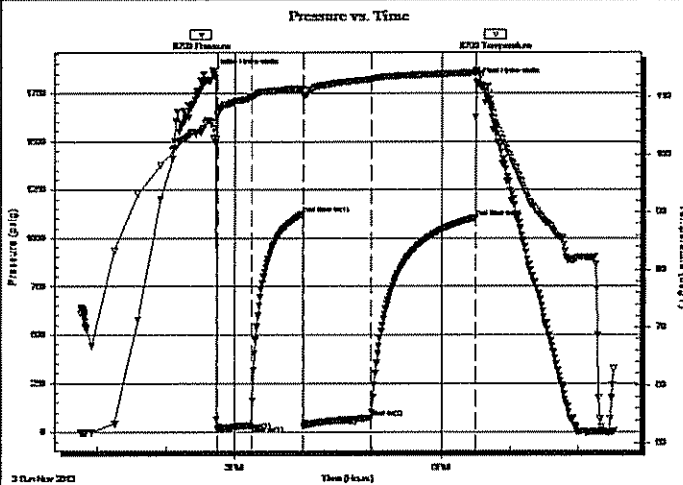
27-27s-5w Kingman Co. KS
Young Cox Unit 1-27
Job Ticket: 52468 DST#: 1
Test Start: 2013.11.03 @ 12:45:27

GENERAL INFORMATION:

Formation: Miss. Chert
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 14:45:12
Time Test Ended: 20:31:57
Interval: 3752.00 ft (KB) To 3770.00 ft (KB) (TVD)
Total Depth: 3770.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ryan Reynolds
Unit No: 48
Reference Elevations: 1462.00 ft (KB)
1451.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8790 Inside
Press@RunDepth: 74.81 psig @ 3753.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.11.03 End Date: 2013.11.03 Last Calib.: 2013.11.03
Start Time: 12:45:32 End Time: 20:31:56 Time On Btm: 2013.11.03 @ 14:41:27
Time Off Btm: 2013.11.03 @ 18:30:42

TEST COMMENT: IF: Strong blow . BOB immed.
IS: (G2S @ 2min. into) Weak surf. blow
FF: Strong blow . BOB immed. Guaged gas
FS: Weak surf. blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1857.20	104.46	Initial Hydro-static
4	12.93	107.22	Open To Flow (1)
33	34.78	110.08	Shut-In(1)
78	1126.55	111.44	End Shut-In(1)
79	29.92	110.19	Open To Flow (2)
137	74.81	113.11	Shut-In(2)
229	1106.45	114.25	End Shut-In(2)
230	1809.02	114.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WCM 40%w tr, 60% mud	1.68
0.00	O sptd M in hyd tool	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	6.00	7.63
Last Gas Rate	0.13	7.00	8.01
Max. Gas Rate	0.13	7.50	8.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario O & G Co.
301 S. Market St.
Wichita, KS 67202-3805
ATTN: John Hastings

27-27s-5w Kingman Co. KS
Young Cox Unit 1-27
Job Ticket: 52468 DST#: 1
Test Start: 2013.11.03 @ 12:45:27

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	123000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	WCM 40%w tr, 60%mud	1.683
0.00	O sptd M in hyd tool	0.000

Total Length: 120.00 ft Total Volume: 1.683 bbl
 Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: RR-1
 Laboratory Name: Caraway Laboratory Location: Liberal, KS
 Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Lario O & G Co.
301 S. Market St.
Wichita, KS 67202-3805
ATTN: John Hastings

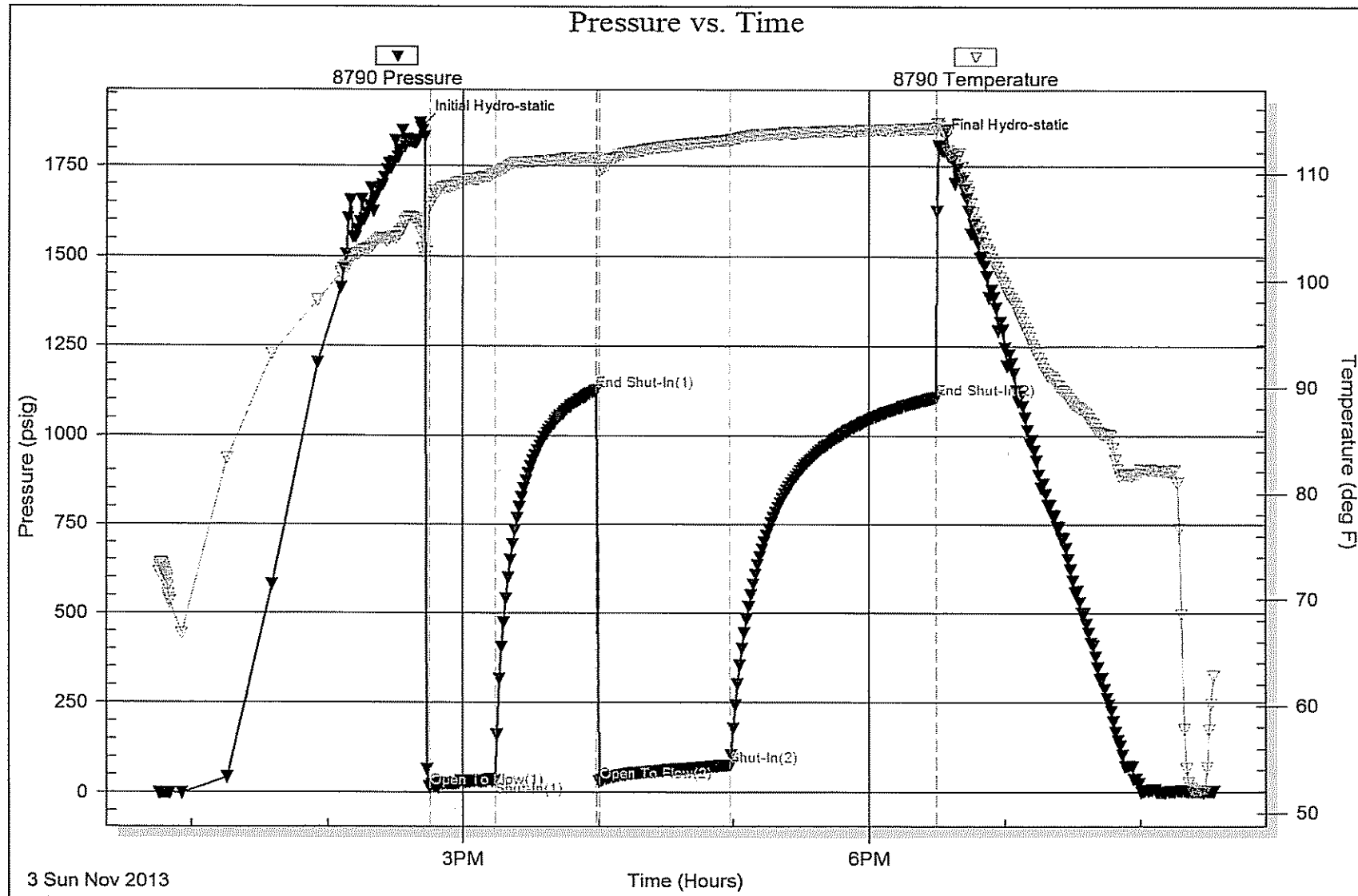
27-27s-5w Kingman Co. KS
Young Cox Unit 1-27
Job Ticket: 52468 DST#: 1
Test Start: 2013.11.03 @ 12:45:27

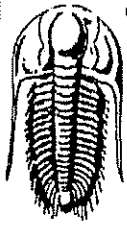
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.13	6.00	7.63
2	20	0.13	7.00	8.01
2	30	0.13	7.00	8.01
2	40	0.13	7.50	8.20
2	50	0.13	7.50	8.20
2	60	0.13	7.00	8.01





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario O & G Co.
 301 S. Market St.
 Wichita, KS 67202-3805
 ATTN: John Hastings

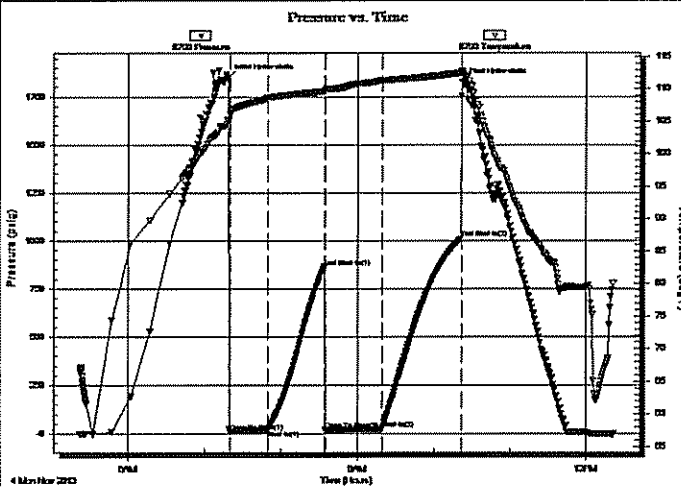
27-27s-5w Kingman Co. KS
 Young Cox Unit 1-27
 Job Ticket: 52469 DST#: 2
 Test Start: 2013.11.04 @ 05:22:22

GENERAL INFORMATION:

Formation: Miss.
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 07:19:52
 Time Test Ended: 12:21:37
 Interval: 3778.00 ft (KB) To 3800.00 ft (KB) (TVD)
 Total Depth: 3800.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 48
 Reference Elevations: 1462.00 ft (KB)
 1451.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8790 Inside
 Press@RunDepth: 26.94 psig @ 3779.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.04 End Date: 2013.11.04 Last Calib.: 2013.11.04
 Start Time: 05:22:27 End Time: 12:21:36 Time On Btm: 2013.11.04 @ 07:18:37
 Time Off Btm: 2013.11.04 @ 10:21:52

TEST COMMENT: IF: Strong blow. BOB @ 15min.
 IS: No blow
 FF: Strong blow. BOB immed. No GTS.
 FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1850.74	105.30	Initial Hydro-static
2	11.74	105.94	Open To Flow (1)
32	18.79	108.73	Shut-In(1)
76	864.23	109.69	End Shut-In(1)
77	18.37	109.95	Open To Flow (2)
121	26.94	111.40	Shut-In(2)
183	1011.71	112.50	End Shut-In(2)
184	1826.78	112.60	Final Hydro-static

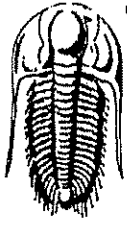
Recovery

Length (ft)	Description	Volume (bbl)
40.00	VSLI WOCM trc%wtr, trc%oil, 99% mud	0.56
0.00	935' GIP (O sptd M in hyd. tool)	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 O & G Co.

27-27s-5w Kingman Co. KS

301 S. Market St.
Wichita, KS 67202-3805

Young Cox Unit 1-27

Job Ticket: 52469

DST#: 2

ATTN: John Hastings

Test Start: 2013.11.04 @ 05:22:22

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

2000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	VSLI WOCM trc%wtr, trc%oil, 99%mud	0.561
0.00	935' GIP (O sptd M in hyd. tool)	0.000

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

