



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 147677

Invoice Date: Dec 7, 2014

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361

Federal Tax I.D.#: 20-8651475

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

SWARTZ TRUST #2-30 (APE# 14253)

Customer ID	Field Ticket #	Payment Terms	
Lario	65064	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Medicine Lodge	Dec 7, 2014	1/6/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Swartz Trust #2-30		
250.00	CEMENT MATERIALS	Class A Common	17.90	4,475.00
705.00	CEMENT MATERIALS	Chloride	1.10	775.50
262.50	CEMENT SERVICE	Cubic Feet Charge	2.48	651.00
60.51	CEMENT SERVICE	Ton Mileage Charge	2.75	166.40
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
5.00	CEMENT SERVICE	Pump Truck Mileage	4.40	22.00
5.00	CEMENT SERVICE	Pump Truck Mileage	7.70	38.50
1.00	CEMENT SUPERVISOR	Todd Seba		
1.00	OPERATOR ASSISTANT	Thomas Gibson		
1.00	OPERATOR ASSISTANT	Wayne Rucker		
1.00	OPERATOR ASSISTANT	Kindel Holiman		

Handwritten signature and date: DEC 30

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

\$ 2,292.20

ONLY IF PAID ON OR BEFORE
Jan 6, 2015

Subtotal	7,640.65
Sales Tax	375.41
Total Invoice Amount	8,016.06
Payment/Credit Applied	
TOTAL	8,016.06

*BS
12-29-14*

ALLIED OIL & GAS SERVICES, LLC 065064

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
MED LODGE K1

DATE <u>12-7-14</u>	SEC <u>30</u>	TWP. <u>31</u>	RANGE <u>11</u>	CALLED OUT <u>8:00 P.M</u>	ON LOCATION <u>10:15</u>	JOB START <u>1:45</u>	JOB FINISH <u>3:00</u>
LEASE <u>Swartz Truss</u> WELL # <u>2-30</u>			LOCATION <u>160' Isabel Blk Tap</u>			COUNTY <u>BACHEL</u>	STATE <u>KS</u>
OLD OR (NEW) (Circle one)			<u>2 1/2 North West into</u>				

CONTRACTOR MAVERICK 106
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4 T.D. 325
 CASING SIZE 8 5/8 DEPTH 325
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 25'
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 15.00 Rbbs
 EQUIPMENT _____
 PUMP TRUCK CEMENTER T. SCBA
 # 548-545 HELPER TJ Gibson Wayne IL
 BULK TRUCK _____
 # 501-553 DRIVER Kindall H.
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER LARIO OIL & GAS
 CEMENT AMOUNT ORDERED 250 SK CLASS A
376.66
 COMMON 250 SK @ 17.90 4475.00
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE 705 lbs @ 1.10 775.50
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____
30% = 1575.15 TOTAL 5250.50

REMARKS:
Run 7 H's 8 5/8 24" CSG
SET @ 325'
Mix: Pump 250 SK Class A 376.66 @ 14.94/sk
Disp 19 Rbbs total
2500 circ thru JOB
CIRCL CMT TO P.T
30 SK

SERVICE
 DEPTH OF JOB 325'
 PUMP TRUCK CHARGE _____ 1512.25
 EXTRA FOOTAGE 5 @ 4.40 22.00
 MILEAGE 5 @ 7.70 38.50
 MANIFOLD _____ @ _____
Handling 262.5 @ 2.48 651.00
Mileage 60.51 @ 2.75 166.40
30% = 717.04 TOTAL 2390.15

CHARGE TO: LARIO OIL & GAS
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

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 7640.65
 DISCOUNT _____ IF PAID IN 30 DAYS
NET 5348.45

PRINTED NAME Stephen Armer
 SIGNATURE [Signature]



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 147816
Invoice Date: Dec 15, 2014
Page: 1

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

Federal Tax I.D.#: 20-8651475

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

SWARTZ TRUST #2-30 (AFE #14253)

Customer ID	Field Ticket #	Payment Terms	
Lario	64951	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Medicine Lodge	Dec 15, 2014	1/14/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Swartz #2		
180.00	CEMENT MATERIALS	ASC	23.50	4,230.00
45.00	CEMENT MATERIALS	60/40/4% Gel Blend	18.92	851.40
900.00	CEMENT MATERIALS	Kol Seal	0.98	882.00
50.00	CEMENT MATERIALS	FI-160	18.90	945.00
25.00	CEMENT MATERIALS	Defoamer	3.50	87.50
12.00	CEMENT MATERIALS	Super Flush	25.00	300.00
280.30	CEMENT SERVICE	Cubic Feet Charge	2.48	695.14
60.49	CEMENT SERVICE	Ton Mileage Charge	2.75	166.35
1.00	CEMENT SERVICE	Production Casing	2,765.75	2,765.75
5.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	22.00
5.00	CEMENT SERVICE	Pump Truck Mileage	7.70	38.50
1.00	CEMENT SERVICE	Manifold Rental	275.00	275.00
1.00	EQUIPMENT SALES	5-1/2 Guide Shoe	281.00	281.00
1.00	EQUIPMENT SALES	5-1/2 AFU Insert	335.00	335.00
8.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	456.00
1.00	EQUIPMENT SALES	5-1/2 Basket	560.00	560.00
1.00	EQUIPMENT SALES	5-1/2 Rubber Plug	85.00	85.00
1.00	CEMENT SUPERVISOR	Carl Balding		
1.00	CEMENT SUPERVISOR	Jake Heard		
1.00	OPERATOR ASSISTANT	Wayne Rucker		

Handwritten signatures and initials: XC, BS, 12-30-18

Subtotal	12,975.64
Sales Tax	644.42
Total Invoice Amount	13,620.06
Payment/Credit Applied	
TOTAL	13,620.06

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

\$ 3,377.10

ONLY IF PAID ON OR BEFORE
Jan 14, 2015

*BS
12-30-18*

ALLIED OIL & GAS SERVICES, LLC 064951

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Malvern Lodge, KS

DATE <u>12/15/14</u>	SEC <u>30</u>	TWP. <u>31</u>	RANGE <u>11</u>	CALLED OUT <u>4:00 AM</u>	ON LOCATION <u>5:00 AM</u>	JOB START <u>10:15</u>	JOB FINISH <u>11:10 AM</u>
LEASE <u>Swartz</u>	WELL # <u>2</u>	LOCATION <u>160 + Isabel Rd</u>			COUNTY <u>Barber</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)		<u>2 1/2 month to House on W/S w/inter</u>					

CONTRACTOR <u>Maverick</u>	OWNER <u>Lario Oil + Gas</u>
TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4425'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>4425'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>17LL'</u>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>105 Bbls Freshwater</u>	
EQUIPMENT	

PUMP TRUCK CEMENTER <u>Paul Boddin</u>	
#89H-302 HELPER <u>Take Heard</u>	
BULK TRUCK	
#381-252 DRIVER <u>Wayne Becker</u>	
BULK TRUCK	
#	DRIVER

CEMENT		
AMOUNT ORDERED <u>500 Bbls (ASF) H. Vis Saver</u>		
<u>45 SK 60.40 47.62</u>		
<u>180 SK ASC + 5" 20 Gpm L + 5" H-160 + D.F.</u>		
COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC <u>180 SK</u>	@ <u>23.50</u>	<u>4230.00</u>
<u>60.40 47.62 45 SK</u>	@ <u>18.92</u>	<u>851.40</u>
<u>Kolsac 900</u>	@ <u>.98</u>	<u>882.00</u>
<u>FL-160 50"</u>	@ <u>18.90</u>	<u>945.00</u>
<u>Deframer 25"</u>	@ <u>3.50</u>	<u>87.50</u>
<u>ASF 12 Bbls</u>	@ <u>25.00</u>	<u>300.00</u>
	@	
	@	
	@	
HANDLING	@	
MILEAGE		
<u>30%: 2188.77</u>		TOTAL <u>7295.90</u>

REMARKS:
Run 4425' 5 1/2 casing
Drop ball + circulate for 90 minutes.
Start 12 Bbls ASF, Plug Rat + House
Mix + pump 180 SK ASC, Wash Drums
+ Lines, Displace with Bbls water
Bump plug + Float Held.

CHARGE TO: Lario Oil + Gas
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE		
DEPTH OF JOB <u>4425</u>		
PUMP TRUCK CHARGE <u>2765.75</u>		
EXTRA FOOTAGE <u>5</u>	@ <u>4.40</u>	<u>22.00</u>
MILEAGE <u>5</u>	@ <u>7.70</u>	<u>38.50</u>
MANIFOLD	@	<u>275.00</u>
<u>Handling 280.30</u>	@ <u>2.48</u>	<u>695.14</u>
<u>Mileage 10.49</u>	@ <u>2.75</u>	<u>166.34</u>
<u>30%: 1188.51</u>		TOTAL <u>3962.73</u>

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.

PLUG & FLOAT EQUIPMENT		
<u>L-36 wide shoe</u>	@	<u>281.00</u>
<u>L-AFO INSLOT</u>	@	<u>335.00</u>
<u>8- Centralizers</u>	@ <u>57.00</u>	<u>456.00</u>
<u>1- Basket</u>	@	<u>580.00</u>
<u>1- Rubber plug</u>	@	<u>85.00</u>
<u>25%: 429.65</u>		TOTAL <u>1717.00</u>

PRINTED NAME DARIN DRESSER
SIGNATURE Darin Dresser

SALES TAX (If Any) _____
TOTAL CHARGES 12,974.00
DISCOUNT _____ IF PAID IN 30 DAYS
NET 9596.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.
301 S. Market St.
Wichita, KS 67202-3805
ATTN: Brad Rine

30-31s-11w Barber Co. KS
Swartz Trust 2-30
Job Ticket: 59955 DST#: 1
Test Start: 2014.12.11 @ 15:11:34

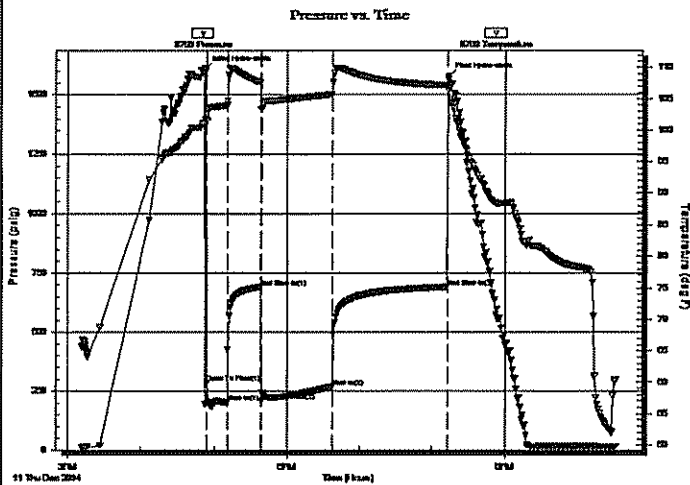
GENERAL INFORMATION:

Formation: **Elgin Snd**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 16:54:19
Time Test Ended: 22:31:34
Test Type: Conventional Bottom Hole (Initial)
Tester: Ryan Reynolds
Unit No: 68
Interval: 3315.00 ft (KB) To 3335.00 ft (KB) (TVD)
Reference Elevations: 1519.00 ft (KB)
Total Depth: 3335.00 ft (KB) (TVD) 1509.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8790

Press@RunDepth: 267.67 psig @ 3316.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.12.11 End Date: 2014.12.11 Last Calib.: 2014.12.11
Start Time: 15:11:39 End Time: 22:31:33 Time On Blm: 2014.12.11 @ 16:52:49
Time Off Blm: 2014.12.11 @ 20:13:34

TEST COMMENT: 15 IF: Strong blow . BOB @ 2min. GTS @ 9 1/2min.
30 IS: Weak 2" Blow.
60 FF: Strong blow . BOB immed. Gauged Gas.
90 FS: No blow .



PRESSURE SUMMARY

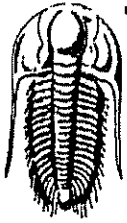
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.73	101.55	Initial Hydro-static
2	285.66	101.50	Open To Flow (1)
18	203.59	103.95	Shut-In(1)
46	690.55	107.60	End Shut-In(1)
46	207.97	103.27	Open To Flow (2)
105	267.67	105.66	Shut-In(2)
200	690.28	107.11	End Shut-In(2)
201	1576.28	106.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
260.00	GMCW 5%g, 13%m, 82%w	3.65
135.00	GWCM 8%g, 12%w, 80%m	1.89

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	46.00	407.44
Last Gas Rate	0.50	32.00	313.00
Max. Gas Rate	0.50	46.00	407.44



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.
301 S. Market St.
Wichita, KS 67202-3805
ATTN: Brad Rine

30-31s-11w Barber Co. KS
Swartz Trust 2-30
Job Ticket: 59955 DST#: 1
Test Start: 2014.12.11 @ 15:11:34

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: 75000 ppm	
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 0.04 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
260.00	GMCW 5%g, 13%m, 82%w	3.647
135.00	GWCM 8%g, 12%w, 80%m	1.894

Total Length: 395.00 ft Total Volume: 5.541 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 Oil & Gas Co.

30-31s-11w Barber Co. KS

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

Swartz Trust 2-30

Job Ticket: 59955

DST#: 1

ATTN: Brad Rine

Test Start: 2014.12.11 @ 15:11:34

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)
1	10	0.50	46.00	407.44
1	15	0.50	38.00	353.47
2	10	0.50	40.00	366.97
2	20	0.50	38.00	353.47
2	30	0.50	35.00	333.24
2	40	0.50	34.00	326.49
2	50	0.50	33.00	319.75
2	60	0.50	32.00	313.00

