#### REMIT TO



Consolidated Oil Well Services,LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346 MAIN OFFICE

P.O.Box884 Chanute,KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

Invoice

Invoice#

802939

Invoice Date:

01/08/15

Terms:

C.O.D.

Page

1

\_\_\_\_\_\_\_\_\_\_\_\_\_

LARIO OIL & GAS

P.O. BOX 1093

**GARDEN CITY KS 637846** 

USA

3162655611

ROSAS TRUST 2-18

Dulling ap 14.240

Part No	Description	Quantity	Unit Price Di	scount(%)	Total
5401C	Single Pump	1.000	3,175.0000	20.000	2,540.00
5406	Mileage Charge	40.000	5.2500	20.000	168.00
5407A	Ton Mileage Delivery Charge	1.000	2,712.5000	20.000	2,170.00
1126	Oil Well Cement	280.000	23.7000	20.000	5,308.80
1110A	Kol Seal (50# BAG)	1,400.000	0.5600	20.000	627.20
1131	60/40 Poz Mix	595.000	15.8600	20.000	7,549.36
1118B	Premium Gel / Bentonite	4,094.000	0.2700	20.000	884.30
1107	Flo-Seal	149.000	2.9700	20.000	354.02
1144G-0130	Mud Flush - Oakley	500.000	1.0000	20.000	400.00
4156	Float Shoe 4 1/2	1.000	301.5000	20,000	241.20
4129	Centralizer 4 1/2	16.000	48.5000	20.000	620.80
4103	Cement Baske <u>t 4 1/2</u>	1.000	275.0000	20.000	220.00
4276	DV Tool Size 4 1/2 Stage Collar	1.000	4,200.0000	20.000	3,360.00
4453	4 1/2 Latch Down Plug	1.000	465.0000	20.000	372.00
1111	Sodium Chloride (Granulated Salt)	200.000	0.0000	0.000	0.00

Subtotal 31,019.61
Discounted Amount 6,203.92
SubTotal After Discount 24,815.69

Amount Due 33,050.76 If paid after 01/08/15

Tax:

1,624.92

Total:

26,440.60

Ravin 3737

**AUTHORIZTION** 

# 1727 1674

TICKET NUMBER_	47889
LOCATION (	Dakley Ks
CODERAN	1 //

FOREMAN 11/1/55 FIELD TICKET & TREATMENT REPORT PO Box 884, Chanute, KS 66720 INVOICE # 80Z CEMENT 620-431-9210 or 800-467-8676 SECTION COUNTY TOWNSHIP RANGE WELL NAME & NUMBER DATE CUSTOMER# 3.50 7-18 Kasas Trust CUSTOMER Mariattelk TRUCK # DRIVER TRUCK # DRIVER 4/25 MAILING ADDRESS Winto ZIP CODE CITY STATE HOLE DEPTH HOLE SIZE JOB TYPE **TUBING** CASING DEPTH **DRILL PIPE** CEMENT LEFT in CASING /. \$17WATER gal/sk 25 SLURRY VOL & Crew ACCOUNT UNIT PRICE TOTAL QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT CODE 5401c PUMP CHARGE MILEAGE 75 SKS SKS 10590 ليار w w 200# SALES TAX

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

 ESTIMATED

TOTAL

#### **TERMS**

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

#### SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

- (a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS. Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

- (c) COWS makes no guarantee of the effectiveness of any COWS products, supplies or materials, or the results of any COWS treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.
- te) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment. DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

#### WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim twhether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.

# CONSOLIDATED Oil Well Services, LLC

#### **REMIT TO**

MAIN OFFICE

P.O.Box884 Chanute, KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

Consolidated Oil Well Services, LLC Dept:970 P.O.Box 4346 Houston, TX 77210-4346

Invoice

Invoice#

802739

Invoice Date:

12/23/14

Terms:

C.O.D.

Page

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LARIO OIL & GAS

P.O. BOX 1093

**GARDEN CITY KS 637846** 

USA

3162655611

**ROSAS TRUST #2-18** 

Part No	Description	Quantity	Unit Price I	Discount(%)	Total
5401S	Cement Pump Truck - Surface	1.000	1,150.0000	15.000	977.50
5406	Mileage Charge	40.000	5.2500	15.000	178.50
5407A	Ton Mileage Delivery Charge	1.000	789.6000	15.000	671.16
1104S	Class A Cement	240.000	18.5500	15.000	3,784.20
1118B	Premium Gel / Bentonite	451.000	0.2700	15.000	103.50
1102	Calcium Chloride (50#)	677.000	0.9400	15.000	540.92
4432	8 5/8 Wooden Plug	1.000	100.7500	15.000	85.64

Subtotal	7,460.50
Discounted Amount	1,119.08
SubTotal After Discount	6,341.42

Amount Due 7,893.34 If paid after 12/23/14

Tax:

367.92

Total:

6,709.34



1568

TICKET NUMBER	•	4	78	34:	3
LOCATION Oak To	_У	Ks.			
FOREMAN COLY	Ó۵	wis_			

Dane R.

DATE	or 800-467-8676	•	CEMEN.	]			K3.
				SECTION	TOWNSHIP	RANGE	COUNTY
2/16/14	4793	Aosas trust # 2	18	.195	32 M	Wichita	
STOMER .			Mariantho				DENZE DE LE
<u>L</u> AILING ADDRE	arlo oil	and Gaz	5/01 RD 20		DRIVER	TRUCK#	DRIVER
AILING ADDRE	:55	<i>&gt;</i>	wold into		Michael R.		
<u> </u>		STATE ZIP CODE	-	528 /	Cody &	<u> </u>	
TY		STATE ZIP CODE					<u> </u>
		. 1/	<u>_</u>		CASING SIZE & V	<u> </u>	<u> </u> つり針
		HOLE SIZE 12 1/4	HOLE DEPTH	3/4	CASING SIZE & V		-C 1 · ·
ASING DEPTH_		DRILL PIPE	_TUBING	1. 5	CEMENT LEFT in	OTHER	
		SLURRY VOL 1,24				CASING & V	<u></u>
SPLACEMENT	<u> </u>	DISPLACEMENT PSI	MIX PSI		RATE	† 11 . <i>1</i> 0	d Ow
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		ruck mix 240 rks	COM: 3/0	CC. 2 70 pg	<u> </u>	ON INVITED !	1 V 67
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AYOK.					Thanks co	,	<u>८ ८० m</u>
ACCOUNT CODE	QUANITY	or UNITS DE	SCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL	
5401 5	<u> </u>	PUMP CHARG	JMP CHARGE			1,150.00	1,150.0
5406	40	MILEAGE				5,25	210,0
5401 A							
ש א וטינ	/ 11.a	R Tan mil	ease De	11064		1,75	789.6
	11.2		case De	ivery			
1104 5	740°	Rc. Class A	cement			18,55	4,452.0
1118 8	- 240°	Kc. class 4 & Bentoni	cement te (gel	) .		18,55 .27	121,7
1104 8	740°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18,55 .27 .94	1,452.0 1,21.7 636.3
1104 5-	- 240°	Kc. class 4 & Bentoni	cement te (gel Chlorid	) .		18,55 .27	121,7
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	1,452.0 121.7 636.3
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .	,	18,55 .27 .94	1,452.0 121.7 636.3
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	1,452.0 121.7 636.3
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	1,452.0 121.7 636.3
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	1,452.0 121.7 636.3
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	1,452.0 121.7 636.3
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	1,452.0 121.7 636.3
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55	4,452.0 i 21.7 l 36.3 l 00.7
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	7,460.5
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	4,452.0 i 21.7 l 36.3 l 00.7
1104 8	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid	) .		18.55 .27 .94 100.75	7,460.5 i, 119.0 i 31.1
1104 5	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid			18.55 .27 .94 100.75	7,460.5
1104 5	- 240°	Ke. class 4  E Bentoni  Calcium	cement te (gel Chlorid			18.55 .27 .94 100.75	7,460.5 i, 119.0 i 31.1

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Lario Oil & Gas

18-19s-35w Wichita Co. KS

301 S. Market St. Wichita KS. 67202 Rosas # 2-18

Job Ticket: 58686

DST#:1

ATTN: lan Bosmeijer

Test Start: 2014.12.28 @ 05:00:00

#### GENERAL INFORMATION:

Time Tool Opened: 07:42:40

Time Test Ended: 13:05:24

Formation:

LKC "1"

Deviated:

interval:

No Whipstock: ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Will MacLean

Unit No:

Reference Elevations:

3218.00 ft (KB)

KB to GR/CF:

3207.00 ft (CF) 11.00 ft

Total Depth:

4292.00 ft (KB) To 4330.00 ft (KB) (TVD)

4330.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Good

Serial #: 8674

Press@RunDepth:

Inside

108.80 psig @

05:00:00

4293.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2014.12.28

End Date: End Time: 2014.12.28 13:05:24

189

192

985.48

2120.54

Last Calib.: Time On Blm: 2014.12.28

Time Off Btm:

2014.12.28 @ 07:42:10

2014.12.28 @ 10:53:24

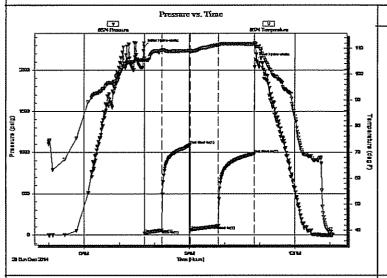
TEST COMMENT: IF- Weak Surface Blow Built to 2 3/4"

ISI- No Blow

FF- Weak Surface Blow Built to 2"

FSI- No Blow

Diesel Bucket



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2289.62	106.07	Initial Hydro-static
1	20.87	105.30	Open To Flow (1)
31	58.29	109.24	Shut-in(1)
80	1090.70	109.18	End Shut-in(1)
80	61.93	108.69	Open To Flow (2)
128	108.80	111.27	Shut-In(2)

111.66

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
WCM 46%w 54%m with Oil Spots	0.90
WCM 31%w 69%m with Oil Spots	0.05
	WCM 46%w 54%m with Oil Spots

Gas Rates

Choke (inches) Pressure (psig)

End Shut-In(2)

111.75 | Final Hydro-static

Gas Rete (Mcl/d)

Trilobite Testing, Inc.

Ref. No: 58686

Printed: 2014.12.28 @ 23:13:06



**FLUID SUMMARY** 

Lario Oil & Gas

18-19s-35w Wichita Co. KS

301 S. Market St. Wichita KS. 67202 Rosas # 2-18

ATTN: lan Bosmeijer

Job Ticket: 58686

DST#:1

Test Start: 2014.12.28 @ 05:00:00

#### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

Water Salinity:

57000 ppm

Viscosity: Water Loss:

Resistivity:

50.00 sec/qt 10.36 in³

ohmm

Cushion Volume:

ft bbl

Gas Cushion Type:

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm Filter Cake: 1.00 inches

### **Recovery Information**

### Recovery Table

Length ft	Description	Volume bbl
182.00	WCM 46%w 54%m with Oil Spots	0.895
10.00	WCM 31%w 69%m with Oil Spots	0.049

Total Length:

192.00 ft

Total Volume:

0.944 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .243 @ 37f = 57000

Trilobite Testing, Inc.

Ref. No: 58686

Printed: 2014.12.28 @ 23:13:06

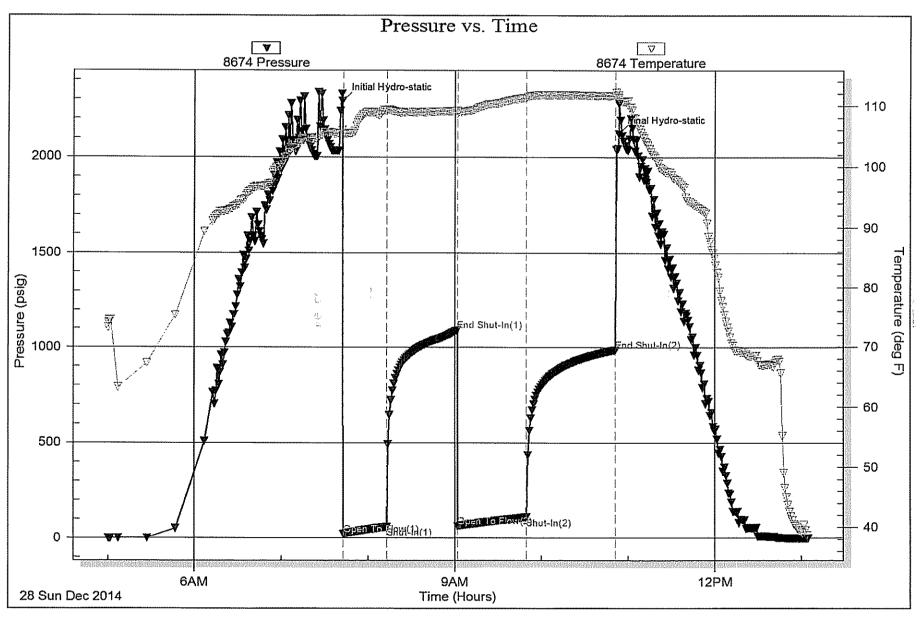
Serial #: 8674

Inside

Lario Oil & Gas

Rosas #2-18

DST Test Number: 1





Lario Oil & Gas

18-19s-35w Wichita Co. KS

301 S. Market St. Wichita KS. 67202 Rosas # 2-18

Job Ticket: 58687

DST#:2

ATTN: lan Bosmeijer

Test Start: 2014.12.29 @ 14:08:00

#### GENERAL INFORMATION:

Time Tool Opened: 17:17:55

Time Test Ended: 23:34:25

Formation:

Marmaton

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Will MacLean

Unit No:

4532.00 ft (KB) To 4562.00 ft (KB) (TVD) interval:

Total Depth:

4562.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Good

Reference Elevations:

3218.00 ft (KB)

3207.00 ft (CF)

KB to GR/CF:

11.00 ft

Serial #: 8674

Press@RunDepth:

Inside

183.11 psig @

4533.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time: 2014.12.29 14:08:00 End Date: End Time: 2014.12.29 23:34:25 Last Calib.: Time On Btm: 2014.12.29

Time Off Btm:

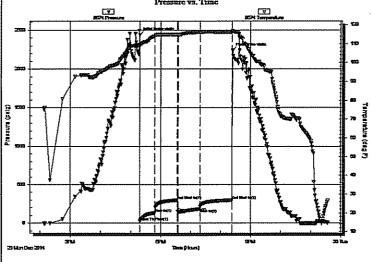
2014.12.29 @ 17:17:40 2014.12.29 @ 20:24:09

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 10 3/4min

ISI- Weak Surface Blow Built to 1"

FF- Weak Surface Blow Built to BOB in 13 1/2min

FSI- Weak Surface Blow Built to 1/2" Died Back to Weak Surface Blow



	PRESSURE SUMMARY					
1	Time	Pressure	Temp	Annotation		
١	(Min.)	(psig)	(deg F)			
١	0	2437.74	109.76	Initial Hydro-static		
١	1	24.08	108.59	Open To Flow (1)		
ļ	31	132.18	113.99	Shut-In(1)		
.	76	297.87	114.84	End Shut-In(1)		
	78	147.30	114.71	Open To Flow (2)		
	121	183.11	116.15	Shut-In(2)		
	186	297.68	116.14	End Shut-In(2)		
ľ	187	2242.36	116.89	Final Hydro-static		
	:					

#### Recovery

Length (ft)	Description	Volume (bbi)
182.00	WOGCM 4%w 17%oil 27%g 52%m	0.90
91.00	WGMCO 4%w 19%g 30%m 47%oil	0.46
135.00	MGCO 3%m 8%g 89%oil	1.89
0.00	814' of GIP	0.00
*Recovery from n	multiple tests	

Gas	Nates

Choke (inches) Pressure (psig) Gas Rete (Mct/d)

Trilobite Testing, Inc.

Ref. No: 58687

Printed: 2014.12.30 @ 00:39:38



**FLUID SUMMARY** 

Lario Oil & Gas

18-19s-35w Wichita Co. KS

301 S. Market St. Wichita KS. 67202 Rosas # 2-18

ft

bbl

psig

Job Ticket: 58687

DST#: 2

ATTN: lan Bosmeijer

Test Start: 2014.12.29 @ 14:08:00

#### Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight: Viscosity: Water Loss:

55.00 sec/qt 9.57 in<sup>3</sup>

Resistivity: Salinity: Filter Cake:

ohmm 11000.00 ppm 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

32 deg API

ppm

# **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
182.00	WOGCM 4%w 17%oil 27%g 52%m	0.895
91.00	WGMCO 4%w 19%g 30%m 47%oil	0.457
135.00	MGCO 3%m 8%g 89%oil	1.894
0.00	814' of GIP	0.000

Total Length:

408.00 ft

Total Volume:

3.246 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is 27 @ 10f = 32

Inside

Lario Oil & Gas

Rosas # 2-18

DST Test Number: 2

