

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1237125
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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 III Approved by: _____ Date: _____

1237125



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Edsall 1-21
Doc ID	1237125

All Electric Logs Run

MAI/MFE
MSS
MML
MPD/MDN

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Edsall 1-21
Doc ID	1237125

Tops

Name	Top	Datum
Heebner	3940	-793
Lansing	3991	-844
Stark Shale	4295	-1148
Hushpuckney	4348	-1201
Base KC	4433	++1286
Marmaton	4470	-1323
Pawnee	4564	-1417
Ft. Scott	4585	-1438
Johnson	4696	-1549
Morrow	4794	-1647
Basal Penn	4894	-1747
Mississippian	4906	-1759



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 147785
Invoice Date: Dec 17, 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

*Drilling
Apr 14-272
12-29-14 JK*

Customer ID	Field Ticket #	Payment Terms	
Lario	64627	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Dec 17, 2014	1/16/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Edsall #1-21		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
635.00	CEMENT MATERIALS	Chloride	1.10	698.50
237.56	CEMENT SERVICE	Cubic Feet Charge	2.48	589.15
544.50	CEMENT SERVICE	Ton Mileage Charge	2.75	1,497.38
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
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	8-5/8 Wooden Plug	110.00	110.00
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		
1.00	OPERATOR ASSISTANT	Wayne Messalle		

PC
DEC 31 2014
PC

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

\$ 2,761.43

ONLY IF PAID ON OR BEFORE Jan 16, 2015

Subtotal	9,314.78
Sales Tax	394.13
Total Invoice Amount	9,708.91
Payment/Credit Applied	
TOTAL	9,708.91

Dec. 22, 2014 1:47PM

No. 4839 P. 10

ALLIED OIL & GAS SERVICES, LLC 064627

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Dakkers, KS

DATE <u>12-17-14</u>	SEC. <u>21</u>	TWP. <u>19</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>6:30 pm</u>	JOB START <u>7:30 am</u>	JOB FINISH <u>10:00 pm</u>
LEASE <u>Edsall</u>	WELL# <u>1-21</u>	LOCATION <u>500 ft City 15W (Rd 22)</u>	COUNTY <u>Wichita</u>	STATE <u>KS</u>			
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)		<u>6 1/2", 2 x 8 info</u>					

CONTRACTOR Duke 4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 375.60
 CASING SIZE 8 7/8 DEPTH 374.11'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 151
 PERFS.
 DISPLACEMENT 22.98 bbl

OWNER same
 CEMENT AMOUNT ORDERED 225 skt com 3% cc
 COMMON 225 skt @ 17.90 4022.50
 POZMIX @
 GEL @
 CHLORIDE 635# @ 1.10 698.50
 ASC @

EQUIPMENT
 PUMP TRUCK CEMENTER Lakone E. Wank
 # 431 HELPER Wayne McElghy
 BULK TRUCK # 891/310 DRIVER Wayne Massalle
 BULK TRUCK # DRIVER

McBride Total @ 4,726.00
(1417.80 / 30%)
 HANDLING 237.56 skt @ 2.48 589.16
 MILEAGE 1287 hrs x .50 @ 2.95 1492.38

REMARKS:

12 1/4 225 skt cement
Displace with water
Cement did circulate
125 skt to pit
Thank you!

TOTAL _____

SERVICE

DEPTH OF JOB 374.11'
 PUMP TRUCK CHARGE 1512.25
 EXTRA FOOTAGE @
 MILEAGE 1287 @ 50 @ 7.90 385.00
 MANIFOLD Head @ 225.00
12 1/4 @ 50 @ 4.90 245.00

(1343.63 / 30%) TOTAL 4,478.79

PLUG & FLOAT EQUIPMENT

wooden plug @ 110.00
 @
 @
 @
 @

TOTAL 110.00

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

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.

PRINTED NAME Rick Wheeler

SIGNATURE Rick Wheeler

SALES TAX (if any) _____
 TOTAL CHARGES 9,314.79
 DISCOUNT 2,761.43 (30%) IF PAID IN 30 DAYS
6,553.35 Net.



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 148091
Invoice Date: Jan 6, 2015
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

Drilling Apr 14-272
1-19-15

Customer ID	Field Ticket #	Payment Terms	
Lario	67271	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Jan 6, 2015	2/5/15

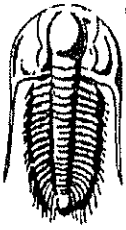
Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Edsall #1-21		
280.00	CEMENT MATERIALS	60/40/4% Gel Blend	18.92	5,297.60
70.00	CEMENT MATERIALS	Flo Seal	2.97	207.90
300.72	CEMENT SERVICE	Cubic Feet Charge	2.48	745.79
565.20	CEMENT SERVICE	Ton Mileage Charge	2.75	1,554.30
1.00	CEMENT SERVICE	Rotary Plug	2,483.59	2,483.59
45.00	CEMENT SERVICE	Pump Truck Mileage	7.70	346.50
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	CEMENT SUPERVISOR	Joshua Isaac		
1.00	OPERATOR ASSISTANT	Brian Lang		
1.00	OPERATOR ASSISTANT	Toriano Allen		

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

\$ 3,250.10

ONLY IF PAID ON OR BEFORE
Feb 5, 2015

Subtotal	10,833.68
Sales Tax	882.94
Total Invoice Amount	11,716.62
Payment/Credit Applied	
TOTAL	11,716.62



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

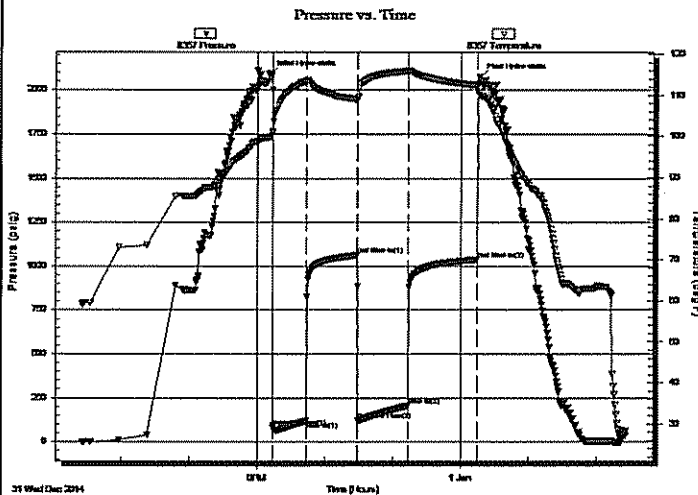
S21-19s-35w Wichita / KS
Edsall #1-21
Job Ticket: 58490 DST#: 1
Test Start: 2014.12.31 @ 18:26:00

GENERAL INFORMATION:

Formation: **Lansing 'I'**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: **21:13:50**
Time Test Ended: **02:26:00**
Interval: **4227.00 ft (KB) To 4250.00 ft (KB) (TVD)**
Total Depth: **4250.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Chuck Smith**
Unit No: **61**
Reference Elevations: **3147.00 ft (KB)**
3138.00 ft (CF)
KB to GR/CF: **9.00 ft**

Serial #: 8357 **Inside**
Press@RunDepth: **204.70 psig @ 4229.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2014.12.31** End Date: **2015.01.01** Last Calib.: **2015.01.01**
Start Time: **18:26:02** End Time: **02:26:00** Time On Btm: **2014.12.31 @ 21:10:40**
Time Off Btm: **2015.01.01 @ 00:17:00**

TEST COMMENT: 30- Tool slid 15' w hile open, bled off initial blow , B.O.B. @ 23 min.
45- No return.
45- B.O.B. @ 25 min.
60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.80	99.78	Initial Hydro-static
4	83.40	101.18	Open To Flow (1)
33	118.90	113.43	Shut-In(1)
78	1063.49	109.06	End Shut-In(1)
79	121.47	108.96	Open To Flow (2)
123	204.70	115.92	Shut-In(2)
185	1036.72	112.42	End Shut-In(2)
187	2072.09	109.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .240 @ 36 Degrees F = 63000 PPM	0.00
154.00	OSWM 30w 70m	2.16
248.00	MW 25m 75w	3.48

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

S21-19s-35w Wichita / KS
Edsall #1-21
Job Ticket: 58490 DST#: 1
Test Start: 2014.12.31 @ 18:26:00

Mud and Cushion Information

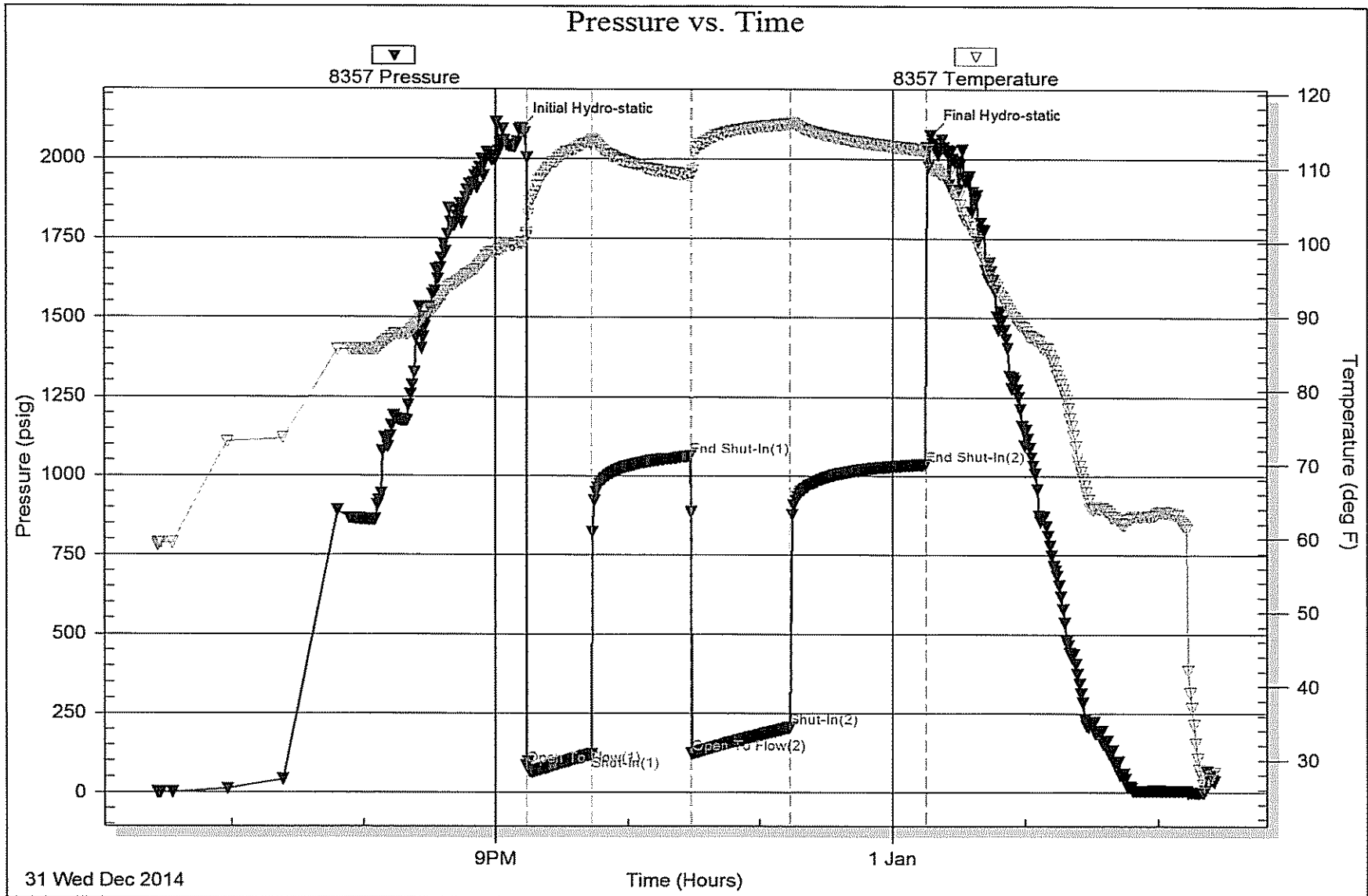
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	63000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

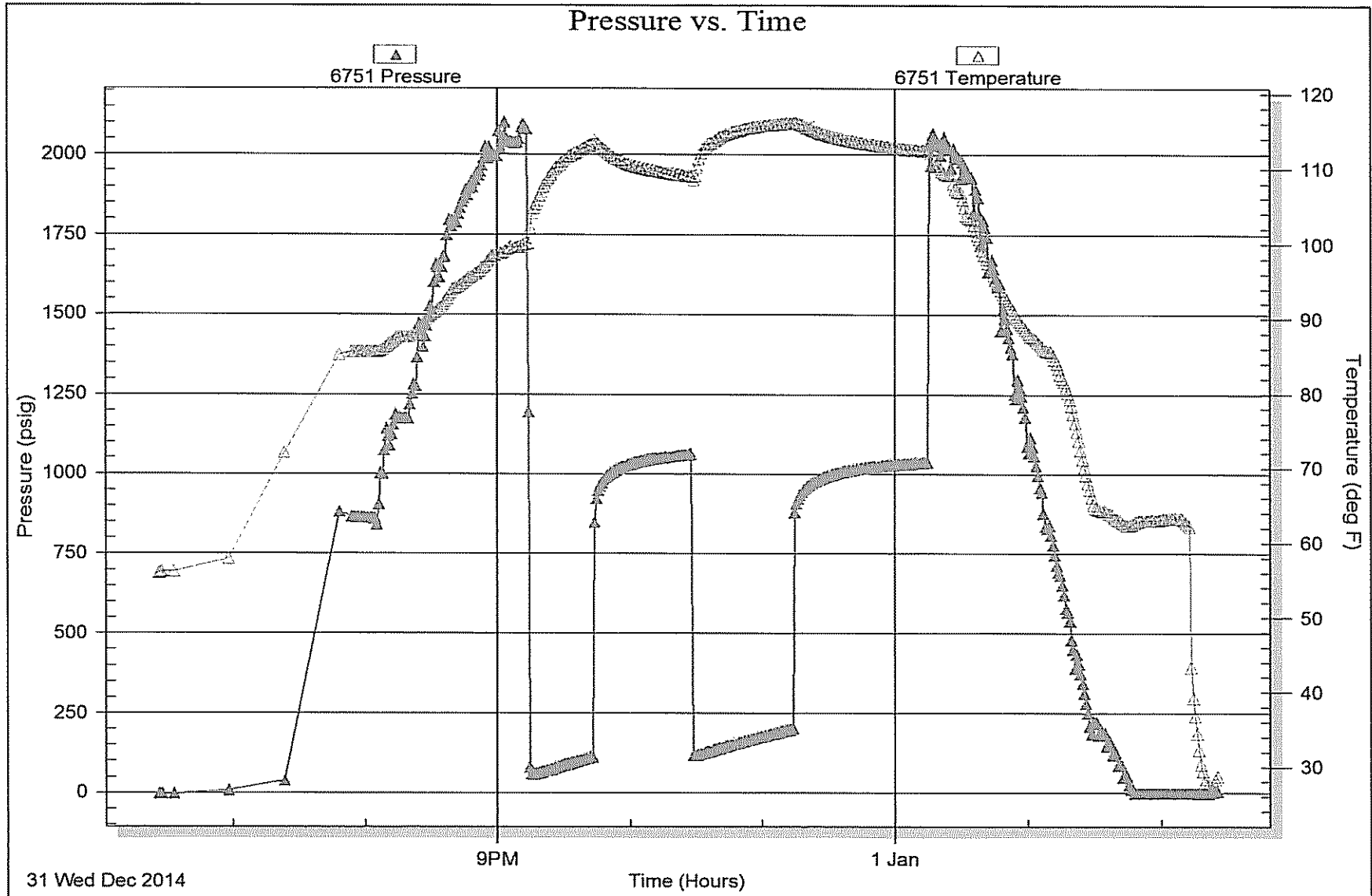
Recovery Information

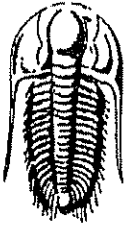
Recovery Table

Length ft	Description	Volume bbl
0.00	RW: .240 @ 36 Degrees F = 63000 PPM	0.000
154.00	OSWM 30w 70m	2.160
248.00	MW 25m 75w	3.479

Total Length: 402.00 ft Total Volume: 5.639 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API: @ Degrees F =







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

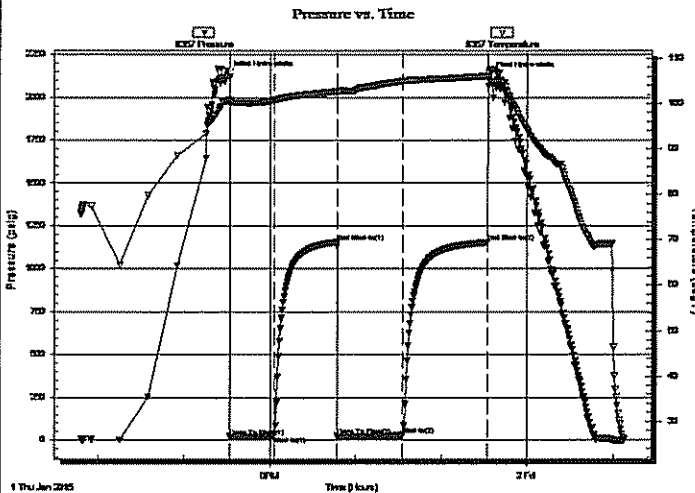
S21-19s-35w Wichita / KS
Edsall #1-21
Job Ticket: 58492 DST#: 2
Test Start: 2015.01.01 @ 18:48:00

GENERAL INFORMATION:

Formation: **Lansing 'L'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:32:10
Time Test Ended: 01:08:09
Interval: **4346.00 ft (KB) To 4370.00 ft (KB) (TVD)**
Total Depth: **4370.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Smith
Unit No: 61
Reference Elevations: **3147.00 ft (KB)**
3138.00 ft (CF)
KB to GR/CF: **9.00 ft**

Serial #: 8357 Inside
Press@RunDepth: **27.50 psig @ 4349.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2015.01.01** End Date: **2015.01.02** Last Calib.: **2015.01.02**
Start Time: **18:48:02** End Time: **01:08:10** Time On Btm: **2015.01.01 @ 20:30:00**
Time Off Btm: **2015.01.01 @ 23:33:30**

TEST COMMENT: 30- 1" Blow .
45- No return.
45- No blow .
60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.83	100.57	Initial Hydro-static
3	20.57	100.23	Open To Flow (1)
33	24.01	100.70	Shut-In(1)
77	1156.50	102.71	End Shut-In(1)
78	23.82	102.27	Open To Flow (2)
123	27.50	104.99	Shut-In(2)
183	1153.79	106.12	End Shut-In(2)
184	2125.00	107.50	Final Hydro-static

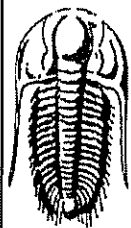
Recovery

Length (ft)	Description	Volume (bbl)
20.00	M 100m Oil spots in tool.	0.28

* 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.
301 S. Market St.
Wichita, KS 67202-3805
ATTN: Steve Davis

S21-19s-35w Wichita / KS
Edsall #1-21
Job Ticket: 58492 DST#: 2
Test Start: 2015.01.01 @ 18:48:00

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:	ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	9.58 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

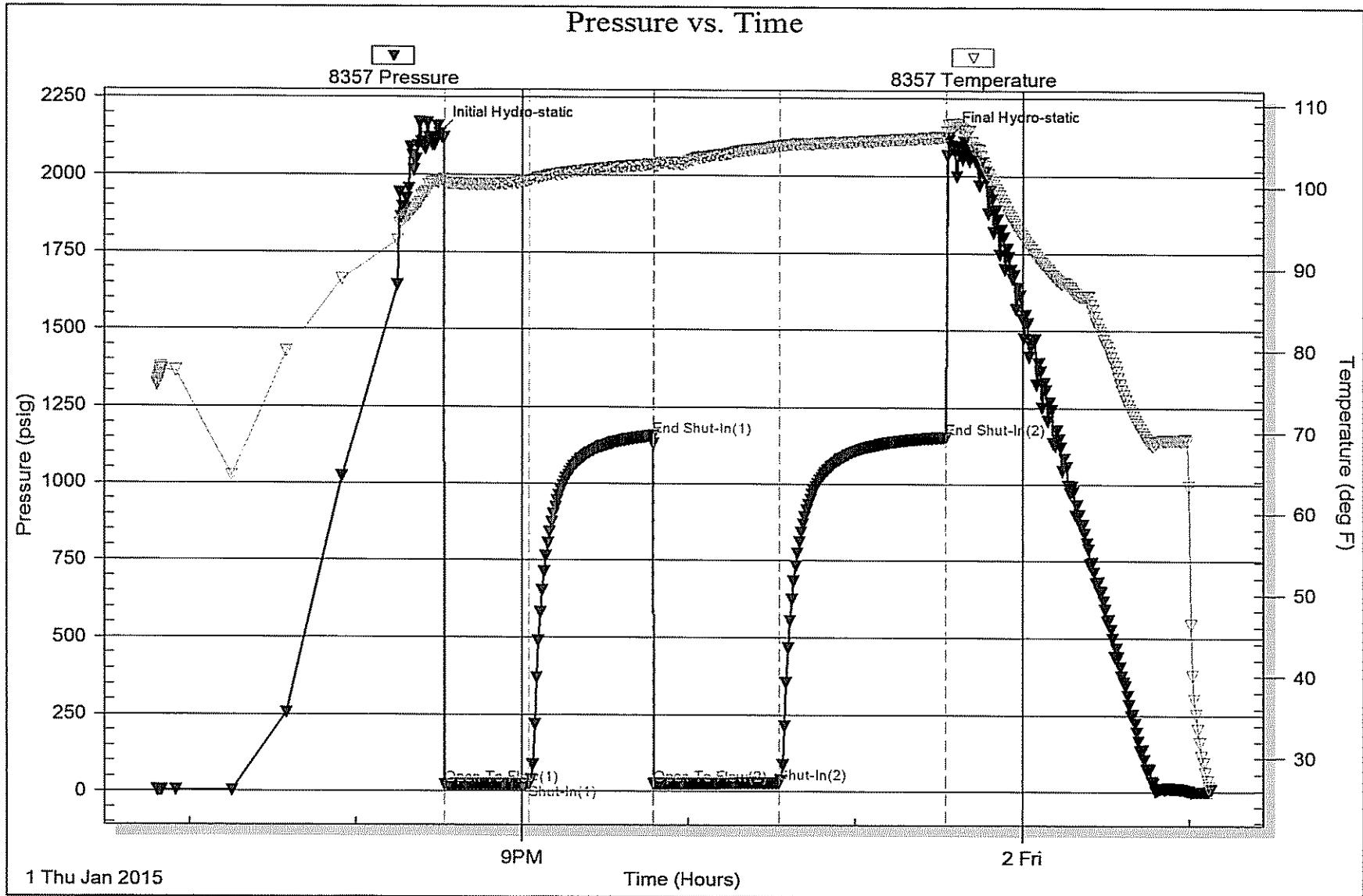
Length ft	Description	Volume bbbl
20.00	M 100m Oil spots in tool.	0.281

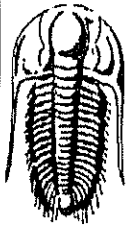
Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: @ Degrees F =





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

S21-19s-35w Wichita / KS

Edsall #1-21

Job Ticket: 58493

DST#: 3

Test Start: 2015.01.02 @ 18:55:00

GENERAL INFORMATION:

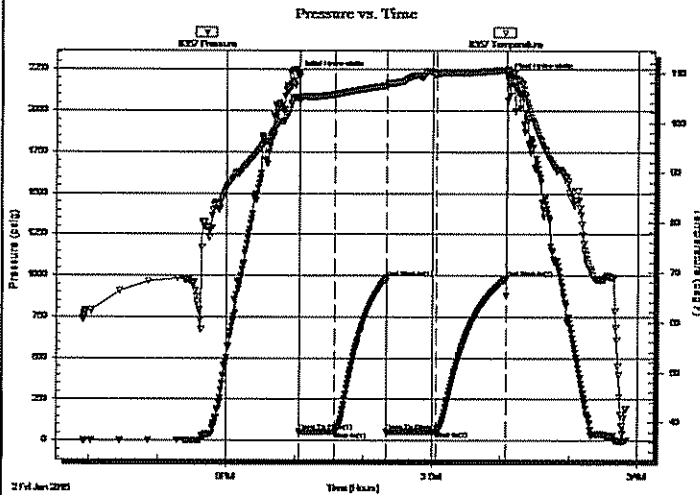
Formation: **Marmaton 'A-B'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:04:10
 Time Test Ended: 02:50:20
 Interval: **4430.00 ft (KB) To 4510.00 ft (KB) (TVD)**
 Total Depth: **4510.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Chuck Smith**
 Unit No: **61**
 Reference Elevations: **3147.00 ft (KB)**
3138.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 8357

Inside

Press@RunDepth: **57.38 psig @ 4432.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2015.01.02** End Date: **2015.01.03** Last Calib.: **2015.01.03**
 Start Time: **18:55:02** End Time: **02:50:20** Time On Btm: **2015.01.02 @ 22:02:10**
 Time Off Btm: **2015.01.03 @ 01:06:09**

TEST COMMENT: 30- 1 1/2"Blow.
 45- No return.
 45- No blow.
 60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2217.68	105.00	Initial Hydro-static
2	53.92	104.41	Open To Flow (1)
33	55.73	105.65	Shut-In(1)
78	985.82	107.46	End Shut-In(1)
79	54.30	107.22	Open To Flow (2)
122	57.38	109.61	Shut-In(2)
183	981.62	110.59	End Shut-In(2)
184	2206.42	110.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100m	0.14

* 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.
301 S. Market St.
Wichita, KS 67202-3805
ATTN: Steve Davis

S21-19s-35w Wichita / KS
Edsall #1-21
Job Ticket: 58493 DST#: 3
Test Start: 2015.01.02 @ 18:55:00

Mud and Cushion Information

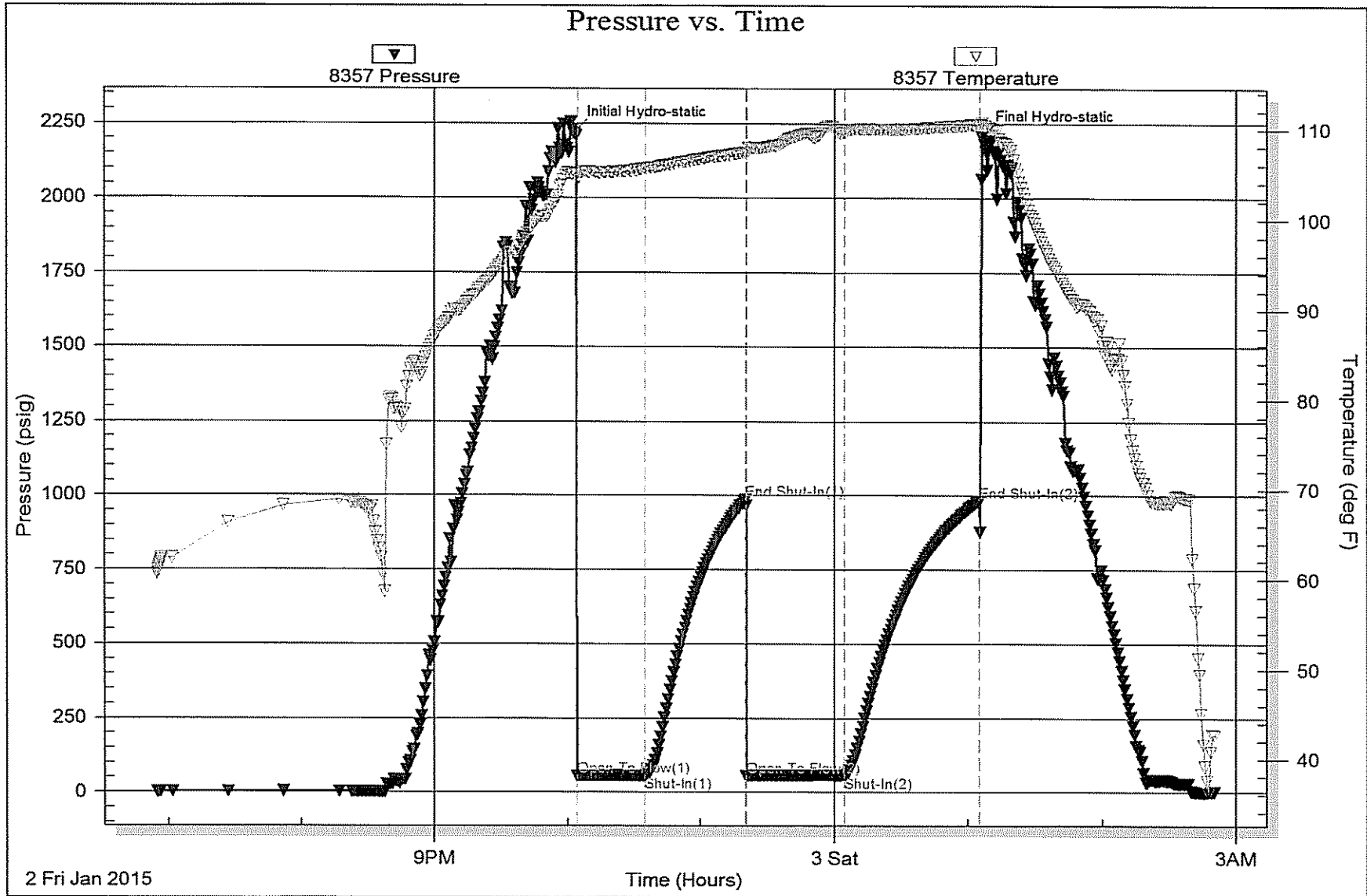
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M 100m	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API: @ Degrees F =





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

S21-19s-35w Wichita / KS
Edsall #1-21
Job Ticket: 58494 **DST#: 4**
Test Start: 2015.01.03 @ 16:13:00

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:	ppm
Viscosity:	57.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.97 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: @ Degrees F = 000 FPM	0.000

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: @ Degrees F =

