



KANSAS CORPORATION COMMISSION 1047509
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31980

Name: Lotus Operating Company, L.L.C.

Address 1: 100 S MAIN STE 420

Address 2: _____

City: WICHITA State: KS Zip: 67202 + 3737

Contact Person: Tim Hellman

Phone: (316) 262-1077

CONTRACTOR: License # 5929

Name: Duke Drilling Co., Inc.

Wellsite Geologist: Joe Baker

Purchaser: High Sierra Marketing, ONEOK

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

<u>08/08/2010</u>	<u>08/15/2010</u>	<u>08/27/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23566-00-00

Spot Description: _____

W2_E2_SE_SW Sec. 35 Twp. 34 S. R. 12 East West

660 Feet from North / South Line of Section

2,260 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber

Lease Name: Ladner Well #: 1

Field Name: Stranathan

Producing Formation: Mississippi

Elevation: Ground: 1417 Kelly Bushing: 1430

Total Depth: 5220 Plug Back Total Depth: 5220

Amount of Surface Pipe Set and Cemented at: 260 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: 38000 ppm Fluid volume: 500 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: Lotus Operating Company, LLC

Lease Name: CR Wetz SWDW License #: 31980

Quarter NE Sec. 1 Twp. 35 S. R. 12 East West

County: Barber Permit #: 15-007-20734-0001

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

Letter of Confidentiality Received
Date: 12/07/2010

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Deanna Garrison Date: 12/10/2010

Reid



1047509

Operator Name: Lotus Operating Company, L.L.C. Lease Name: Ladner Well #: 1
 Sec. 35 Twp. 34 S. R. 12 East West County: Barber

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3818	-2388
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KC	4356	-2926
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BKC	4586	-3156
List All E. Logs Run:		Miss	4764	-3334
<small>Neutron Density w/PE Micro Sonic</small>		Kind Sh	5031	-3601
		Viola	5186	-3756
		LTD	5222	-3792

CASING RECORD <input checked="" 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
Surface	14.	10.75	32	260	2% g, 3% cc	225	2% g, 3% cc
Production	7.88	5.5	14	5251	Class A ACS	250	latex

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	-			

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
2	5134-5136	Acid 250 gal -recovered wtr - set CIBP @ 5100	5134-5136
2	4757-4813	Acid 4500 ga 10 NEFE, Frac w/ 181,700# sd and 9023 bbl slick water	4757-4813

TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>4927</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10/1/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>130</u>	Gas Mcf <u>175</u>	Water Bbls. <u>150</u>	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

December 07, 2010

Tim Hellman
Lotus Operating Company, L.L.C.
100 S MAIN STE 420
WICHITA, KS 67202-3737

Re: ACO1
API 15-007-23566-00-00
Ladner 1
SW/4 Sec.35-34S-12W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Tim Hellman

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802
(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>



PO BOX 31 Russell, KS 67665

RECEIVED

AUG 26 2010

INVOICE

Invoice Number: 124157

Invoice Date: Aug 16, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Lotus Operating Co., LLC
 Lotus Exploration Co.
 100 S. Main, STE 420
 Wichita, KS 67202

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lotus	Ladner #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Medicine Lodge	Aug 16, 2010	9/15/10

Quantity	Item	Description	Unit Price	Amount
30.00	MAT	Class A Common	15.45	463.50
20.00	MAT	Pozmix	8.00	160.00
2.00	MAT	Gel	20.80	41.60
250.00	MAT	ASC Class A	18.60	4,650.00
1,250.00	MAT	Kol Seal	0.89	1,112.50
117.50	MAT	FL-160	13.30	1,562.75
62.50	MAT	Flo Seal	2.50	156.25
250.00	SER	Handling	2.40	600.00
18.00	SER	Mileage 250 sx @ .10 per sk per mi	25.00	450.00
1.00	SER	Production Casing	2,092.00	2,092.00
18.00	SER	Pump Truck Mileage	7.00	126.00
1.00	EQP	5.5 Top Rubber Plug	74.00	74.00
1.00	EQP	5.5 Guide Shoe	100.80	100.80
1.00	EQP	5.5 AFU Insert	112.00	112.00
1.00	EQP	5.5 Basket	161.00	161.00
5.00	EQP	5.5 Centralizer	32.20	161.00

Subtotal	12,023.40
Sales Tax	639.14
Total Invoice Amount	12,662.54
Payment/Credit Applied	
TOTAL	12,662.54

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

\$ 2404.68

ONLY IF PAID ON OR BEFORE
 Sep 10, 2010

2404.68
 10,257.86

GL# 9308
 Cement prod csg
 w/ 250 sx 60/40 pozmu
 + disc
 WELL # Ladner

ALLIED CEMENTING CO.. LLC. 042192

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge, KS

DATE <i>08 09 10</i>	SEC. <i>35</i>	TWP. <i>34s</i>	RANGE <i>12w</i>	CALLED OUT	ON LOCATION	JOB START <i>12:00 AM</i>	JOB FINISH <i>1:00 PM</i>
LEASE <i>Lodge</i>	WELL # <i>1</i>	LOCATION <i>"S 20' E 160, 16s, 1w, 1s, 3/4 w"</i>		COUNTY <i>Barber</i>	STATE <i>KS</i>		
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD			<i>n/a</i>				

CONTRACTOR *Duke #7* OWNER *Lotus Oper.*

TYPE OF JOB *Surface*

HOLE SIZE <i>4 3/4</i>	T.D. <i>264</i>
CASING SIZE <i>10 7/8</i>	DEPTH <i>264</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>250</i>	MINIMUM <i>-</i>
MEAS. LINE	SHOE JOINT <i>N/A</i>
CEMENT LEFT IN CSG <i>20'</i>	
PERFS.	
DISPLACEMENT <i>2 3/4 Bbls Fresh H₂O</i>	

CEMENT AMOUNT ORDERED *225 sx 60:40:3% cct 29 bagel*

COMMON	<i>135</i> sx @ <i>15.45</i>	<i>2085.75</i>
POZMIX	<i>70</i> sx @ <i>8.00</i>	<i>560.00</i>
GEL	<i>4</i> sx @ <i>20.00</i>	<i>80.00</i>
CHLORIDE	<i>8</i> sx @ <i>58.00</i>	<i>464.00</i>
ASC	<i>237</i> @	

EQUIPMENT

PUMP TRUCK CEMENTER *D. Felia*

414-265 HELPER *M. Thinesch*

BULK TRUCK

381-290 DRIVER *J. Thinesch*

BULK TRUCK

DRIVER

HANDLING *237* @ *2.40* *568.80*

MILEAGE *257.10/18* *426.18*

TOTAL *4349.73*

REMARKS:

Pipe on Btm, Break Circ., Pump Spacers, Mix 225 sx 60:40 cement Blend, Start Disp w/ Fresh H₂O, Washup track & lines Slow Rate, Stop Pump at 23 3/4 Bbls total Disp., Shut in, Cement Dil Circ.

SERVICE

DEPTH OF JOB <i>264</i>	
PUMP TRUCK CHARGE <i>1018.00</i>	
EXTRA FOOTAGE @	
MILEAGE <i>18</i> @ <i>7.00</i>	<i>126.00</i>
MANIFOLD <i>n/a</i> @	

CHARGE TO: *Lotus Oper.*

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL *1144.00*

PLUG & FLOAT EQUIPMENT

None

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____

TOTAL _____

To Allied Cementing Co., 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 ~~_____~~

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME *Allied D Ranch*

SIGNATURE *Allied D Ranch*

RECEIVED

AUG 19 2010



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

Invoice Number: 124017
Invoice Date: Aug 9, 2010
Page: 1

Bill To:
Lotus Operating Co., LLC Lotus Exploration Co. 100 S. Main, STE 420 Wichita, KS 67202

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lotus	Ladner #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Medicine Lodge	Aug 9, 2010	9/8/10

Quantity	Item	Description	Unit Price	Amount
135.00	MAT	Class A Common	15.45	2,085.75
90.00	MAT	Pozmix	8.00	720.00
4.00	MAT	Gel	20.80	83.20
8.00	MAT	Chloride	58.20	465.60
237.00	SER	Handling	2.40	568.80
18.00	SER	Mileage 237 sx @.10 per sk per mi	23.70	426.60
1.00	SER	Surface	1,018.00	1,018.00
18.00	SER	Pump Truck Mileage	7.00	126.00

ENTERED
AUG 23 2010

GL# 9208
DESC. Cement surf csq
w/ 225 sx 6940 pozmix
WELL # Ladner

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

\$ 13,734.99

ONLY IF PAID ON OR BEFORE
Sep 3, 2010

Subtotal	5,493.95
Sales Tax	244.88
Total Invoice Amount	5,738.83
Payment/Credit Applied	
TOTAL	5,738.83

-1,373.49
4,365.34

ALLIED CEMENTING CO., LLC. 042199

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge, KS

DATE <u>08/16/10</u>	SEC. <u>35</u>	TWP. <u>34s</u>	RANGE <u>12w</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00 PM</u>	JOB FINISH <u>11:57 AM</u>
LEASE <u>Ladner</u>		WELL # <u>1</u>		LOCATION		COUNTY <u>Barber</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Dyke #7

TYPE OF JOB Production Casing

HOLE SIZE 7 7/8 T.B. 5250

CASING SIZE 5 1/2 DEPTH 5251

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1600 MINIMUM —

MEAS. LINE SHOE JOINT 30

CEMENT LEFT IN CSG. 30'

PERFS.

DISPLACEMENT 12 7/8 Bbls Fresh H₂O

EQUIPMENT

PUMP TRUCK CEMENTER D. Felix

471-302 HELPER R. Gillay

BULK TRUCK

381- DRIVER J. Thimesch

BULK TRUCK

DRIVER

REMARKS:

Pipe on Btm, Break Case, Plug bit & mouse holes w/ 50 sx 60:40 cement blend, mix 250sx A" ASC cement, stop pump, wash pump & lines, Release Plug, Start Displ w/ Fresh H₂O, See steady increase in PST, slow rate, bump plug at 12 7/8 Bbls to full Displ., Release PST, Float Displ hold

CHARGE TO: Lotus Oper.

STREET _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., 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 RLB

SIGNATURE [Signature]

OWNER Lotus Oper.

CEMENT AMOUNT ORDERED 50 sx 60:40:40 gel # 250sx class A ASC + 5# Kolseal + .5% FL-160 + 1/4# Floscal

COMMON	<u>30 A sx @ 15⁴⁶</u>	<u>463⁵⁰</u>
POZMIX	<u>20 sx @ 8⁸⁰</u>	<u>160⁸⁰</u>
GEL	<u>2 sx @ 20²⁰</u>	<u>41⁶⁰</u>
CHLORIDE	@	
ASC	<u>250 sx @ 18⁶⁰</u>	<u>4650⁶⁰</u>
	<u>Kolseal 1250⁸⁰</u>	<u>@ .89 1112⁵⁰</u>
	<u>FL-160 117 1/2</u>	<u>@ 13⁸⁰ 1562⁷⁵</u>
	<u>Floscal 62-50</u>	<u>@ 2.50 156²⁵</u>
	@	
	@	
	@	
	@	
HANDLING	<u>250 @ 2.40</u>	<u>600⁸⁰</u>
MILEAGE	<u>250/.18/.10</u>	<u>450⁸⁰</u>
TOTAL		<u>9196⁸⁰</u>

SERVICE

DEPTH OF JOB 5251

PUMP TRUCK CHARGE 2092⁸⁰

EXTRA FOOTAGE @

MILEAGE 18 @ 7⁸⁰ 126⁸⁰

MANIFOLD Headrental @

@

@

TOTAL 2218⁸⁰

PLUG & FLOAT EQUIPMENT

<u>1-TRP</u>	@	<u>74⁸⁰</u>
<u>1-Guide Shoe</u>	@	<u>100⁸⁰</u>
<u>1-AFU vent</u>	@	<u>112⁸⁰</u>
<u>1-Basket</u>	@	<u>161⁸⁰</u>
<u>5-centralizers</u>	@	<u>161⁸⁰</u>
TOTAL		<u>608⁸⁰</u>

SALES TAX (If Any) _____

TOTAL CHARGES [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

December 07, 2010

Tim Hellman
Lotus Operating Company, L.L.C.
100 S MAIN STE 420
WICHITA, KS 67202-3737

Re: ACO-1
API 15-007-23566-00-00
Ladner 1
SW/4 Sec.35-34S-12W
Barber County, Kansas

Dear Tim Hellman:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

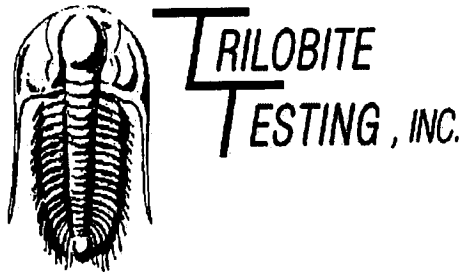
The above referenced well was spudded on 08/08/2010 and the ACO-1 was received on December 07, 2010 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Company, LLC**

100 S. Main
Suite 420
Wichita, KS 67202-3737

ATTN: Joe Baker

35-34s-12w-BA-KS

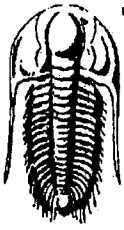
LADNER #1

Start Date: 2010.08.15 @ 19:54:00

End Date: 2010.08.16 @ 06:56:19

Job Ticket #: 38785 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lotus Operating Company, LLC

LADNER #1

100 S. Main
Suite 420
Wichita, KS 67202-3737
ATTN: Joe Baker

35-34s-12w-BA-KS

Job Ticket: 38785 **DST#: 1**

Test Start: 2010.08.15 @ 19:54:00

GENERAL INFORMATION:

Formation: **MISENER**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:09:00

Time Test Ended: 06:56:19

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **5125.00 ft (KB) To 5222.00 ft (KB) (TVD)**

Reference Elevations: 1432.00 ft (KB)

Total Depth: 5222.00 ft (KB) (TVD)

1419.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8648 Inside

Press@RunDepth: 91.57 psig @ 5126.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.15 End Date: 2010.08.16

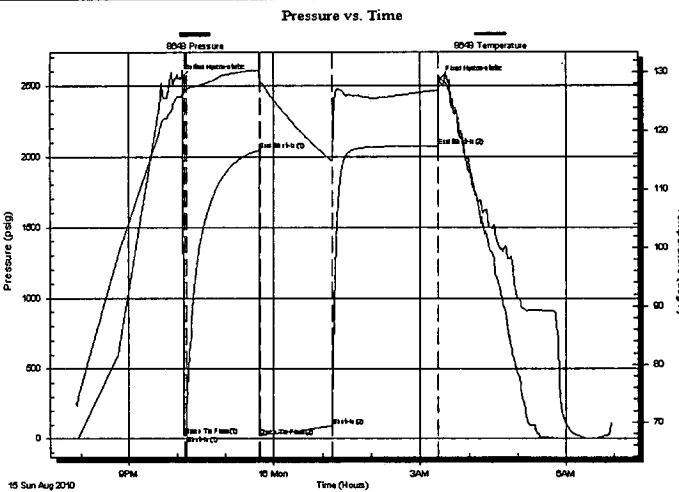
Last Calib.: 2010.08.16

Start Time: 19:54:05 End Time: 06:56:20

Time On Btm: 2010.08.15 @ 22:04:20

Time Off Btm: 2010.08.16 @ 03:23:39

TEST COMMENT: IF: Strong blow, BOB 40 seconds.
IS: Bled off, no blow back.
FF: Strong blow, BOB immediately, GTS 36 minutes.
FSI: Bled off, no blow back.



PRESSURE SUMMARY

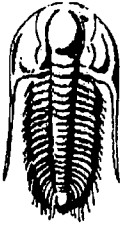
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2549.30	125.86	Initial Hydro-static
5	21.64	126.45	Open To Flow (1)
7	23.39	127.05	Shut-In(1)
98	2043.48	130.35	End Shut-In(1)
99	19.56	128.23	Open To Flow (2)
188	91.57	114.86	Shut-In(2)
318	2071.30	126.95	End Shut-In(2)
320	2541.42	129.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOSM -1%o +99%m	0.30

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	17.00	11.75
Last Gas Rate	0.13	48.00	23.35
Max. Gas Rate	0.13	48.00	23.35



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lotus Operating Company, LLC

LADNER #1

100 S. Main
Suite 420
Wichita, KS 67202-3737
ATTN: Joe Baker

35-34s-12w-BA-KS

Job Ticket: 38785 **DST#: 1**

Test Start: 2010.08.15 @ 19:54:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

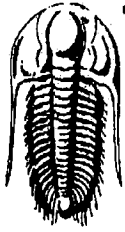
Length ft	Description	Volume bbl
60.00	SOSM -1%o +99%m	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Lotus Operating Company, LLC

LADNER #1

100 S. Main
Suite 420
Wichita, KS 67202-3737
ATTN: Joe Baker

35-34s-12w-BA-KS

Job Ticket: 38785

DST#:1

Test Start: 2010.08.15 @ 19:54:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	40	0.13	17.00	11.75
2	50	0.13	25.00	14.75
2	60	0.13	30.00	16.62
2	70	0.13	38.00	19.61
2	80	0.13	44.00	21.86
2	90	0.13	48.00	23.35

