



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1132867  
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: \_\_\_\_\_



1132867

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	LPR 1-15
Doc ID	1132867

Tops

Name	Top	Datum
Anhydrite	2300	594
B/Anhydrite	2324	570
Topeka	3593	-699
Heebner	3822	-928
Toronto	3840	-946
Lansing	3860	-966
Muncie Creek	4032	-1138
Stark Shale	4120	-1226
BKC	4199	-1305
Marmaton	4239	-1345
Altamont	4261	-1367
Pawnee	4340	-1446
Myrick Station	4373	-1479
Fort Scott	4386	-1492
Cherokee	4415	-1521
Johnson Zone	4458	-1564
Up Morrow Sand	4523	-1629
Missippian	4576	-1682

## INVOICE

# HALLIBURTON

Halliburton Energy Services, Inc.

Remit To: P.O. Box 203143, Houston, TX 77216-3143

### Wire Transfer Information

Account Number: Account 00032969

ABA Routing Number: 021000089

**Invoice Date: March 25, 2013**

**Invoice Number: 99352849**

**DIRECT CORRESPONDENCE TO:**

PO BOX 1598  
LIBERAL, KS 67905  
US  
Tel: 620-629-4623  
Fax: 620-629-4673

**Rig Name:**

Well Name: LANDMARK LPR 1-15,LOGAN  
Ship to: OAKLEY, KS 67748  
LOGAN

Job Date: March 07, 2013  
Cust. PO No.: NA  
Payment Terms: Net 20 days from Invoice date  
Quote No.:

**Sales Order No.: 900268548**

Manual Ticket No.:  
Shipping Point: LIBERAL Hwy 54 W. Ship Pt.  
Ultimate Destination Country: US  
Customer Account No.: 303411

**TO:**

LANDMARK RESOURCES INC  
1616 SOUTH VOSS, SUITE 150  
HOUSTON TX 77057

Contract No.:

Contract from:

Contract to:

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7521	CMT SURFACE CASING BOM JP010	1.00	JOB					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	250.000	MI		5.76	1,440.00	1,008.00-	432.00
1	ZI-MILEAGE FROM NEAREST HES BA 000-117 Number of Units	250.000	MI		19.58	4,895.00	3,426.50-	1,468.50
16091	ZI - PUMPING CHARGE 001-016 DEPTH	1.000	EA		4,935.00	4,935.00	3,454.50-	1,480.50
141	RCM II W/ADC,/JOB,ZI 046-065 NUMBER OF UNITS	1.000	JOB		1,990.00	1,990.00	1,393.00-	597.00
132	PORT. DAS W/CEMWIN;ACQUIRE W/H 045-050 NUMBER OF DAYS	1.000	JOB		1,649.00	1,649.00	1,154.30-	494.70
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MIN1)	1.000	EA	1,322.00	1,322.00	1,322.00	925.40-	396.60
*452981	EXTENDACEM MCII (TM) SYSTEM CMT, ExtendaCem (TM) system	50.00	SK	1,322.00	34.63	1,731.50	1,212.05-	519.45
*452990	SWIFTCEM MCII (TM) SYSTEM	100.00	SK		47.04	4,704.00	3,292.80-	1,411.20
86954	FUEL SURCHG-CARS/PICKUPS< 1 1/2 FUEL SURCHG-CARS/PICKUPS< 1 1/2TON/PER/MI Number of Units	250.000	MI		0.24	60.00		60.00
		1						

# INVOICE

Continuation

## HALLIBURTON

Halliburton Energy Services, Inc.

Remit To: P.O. Box 203143, Houston, TX 77216-3143

**Invoice Date: March 25, 2013**

**Invoice Number: 99352849**

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
86955	FUEL SURCHG-HEAVY TRKS > 1 1/2 FUEL SURCHG-HEAVY TRKS > 1 1/2 TON/PER MI Number of Units	250.000  2	MI		1.44	360.00		360.00
372867	Cmt PSL - DOT Vehicle Charge, Cmt PSL - DOT Vehicle Charge, CMT	2.000	EA		241.00	482.00		482.00
7	ENVIRONMENTAL SURCHARGE,/JOB,Z 000-150	1.000	JOB		134.00	134.00		134.00
*101509387	CALCIUM CHLORIDE, PELLET	3.000	SK		180.30	540.90	378.63-	162.27
*101216940	POLY-E-FLAKE	13.000	LB		7.84	101.92	71.34-	30.58
*101509387	CALCIUM CHLORIDE, PELLET	4.000	SK		180.30	721.20	504.84-	216.36
*101216940	POLY-E-FLAKE	13.000	LB		7.84	101.92	71.34-	30.58
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	125.000  7.28	MI	307.09		3,048.50	2,133.95-	914.55
3965	HANDLE&DUMP SVC CHRg, CMT&ADDI 500-207 NUMBER OF EACH	164.000  1	CF		5.49	900.36	630.25-	270.11
87605	FUEL SURCHG-CMT & CMT ADDITIVE FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	125.000  7.28	TNM		1.75	218.40		218.40
	<b>Taxable</b>							2,370.44
	<b>Non-Taxable</b>							7,308.36
	<b>Total</b>					29,335.70	19,656.90-	9,678.80
	<b>Due on April 14, 2013</b>					29,335.70	19,656.90-	9,678.80
	Sales Tax - State -KS							149.33
	Sales Tax - County -LOGAN							35.56
	<b>Invoice Total</b>							9,863.69
								US Dollars
Payment Terms:		If Customer does not have an approved open account with Halliburton, all sums are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If Customer has an approved open account, invoices are payable based upon the payment terms stated on this invoice or as otherwise stated in the applicable Halliburton contract governing performance or delivery. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable. In the event Halliburton employs an attorney for collection of any amount, Customer agrees to pay all reasonable and necessary attorney fees to recover the unpaid amount, plus all collection and court costs.						
		Melissa Pierce Phone: 580.251.3301						

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 900268548		<b>Field Ticket Date:</b> Wednesday, March 06, 2013	
<b>Bill To:</b> LANDMARK RESOURCES INC 100 S MAIN SUITE 605 WICHITA, KS 67202		<b>Job Name:</b> 8 5/8" Surface Casing <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> LPR 1-15 <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>Shipping Point:</b> Liberal, KS, USA Hwy 54 West <b>Sales Office:</b> Mid-Continent BD <b>Well Type:</b> Oil <b>Well Category:</b> Development	
<b>Ship To:</b> LANDMARK LPR 1-15,LOGAN LPR 1-15 2985089 OAKLEY, KS 67748			

Item No.	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7521	CMT SURFACE CASING BOM	1	JOB	0.00	0.00	0.00		0.00
2	MILEAGE FOR CEMENTING CREW,ZI	250	MI	0.00	5.76	1,440.00	70%	432.00
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	250	MI	0.00	9.79	4,895.00	70%	1,468.50
	Number of Units	2						
16091	ZI - PUMPING CHARGE	1	EA	0.00	4,935.00	4,935.00	70%	1,480.50
	DEPTH	250						
	FEET/METERS (FT/M)		FT					
141	RCM II W/ADC,/JOB,ZI	1	JOB	0.00	1,990.00	1,990.00	70%	597.00
	NUMBER OF UNITS	1						
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB	0.00	1,649.00	1,649.00	70%	494.70
	NUMBER OF DAYS	1						
74038	ZI PLUG CONTAINER RENTAL-1ST DAY	1	EA	0.00	1,322.00	1,322.00	70%	396.60
	DAYS OR FRACTION (MIN1)	1						
452981	EXTENDACEM MCII (TM) SYSTEM	50	SK			1,731.50	70%	519.45
101509387	CALCIUM CHLORIDE, PELLETT	3	SK	0.00	180.30	540.90	70%	162.27
101216940	POLY-E-FLAKE	13	LB	0.00	7.84	101.92	70%	30.58
101509387	CALCIUM CHLORIDE, PELLETT	4	SK	0.00	180.30	721.20	70%	216.36
101216940	POLY-E-FLAKE	13	LB	0.00	7.84	101.92	70%	30.58
452990	SWIFTCEN MCII (TM) SYSTEM	100	SK			4,704.00	70%	1,411.20
76400	ZI MILEAGE,CMT MTL5 DEL/RET MIN	125	MI	0.00	3.35	3,048.50	70%	914.55

Field Ticket Number: 900268548

Field Ticket Date: Wednesday, March 06, 2013

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 900268548		<b>Field Ticket Date:</b> Wednesday, March 06, 2013	
<b>Bill To:</b> LANDMARK RESOURCES INC 100 S MAIN SUITE 605 WICHITA, KS 67202		<b>Job Name:</b> 8 5/8" Surface Casing <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> LPR 1-15 <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>Shipping Point:</b> Liberal, KS, USA Hwy 54 West <b>Sales Office:</b> Mid-Continent BD <b>Well Type:</b> Oil <b>Well Category:</b> Development	
<b>Ship To:</b> LANDMARK LPR 1-15, LOGAN LPR 1-15 2985089 OAKLEY, KS 67748			

Item #	Description	Qty	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
	NUMBER OF TONS	7.28						
3965	HANDLE&DUMP SVC CHRГ, CMT&ADDITIVES,ZI	164	CF	0.00	5.49	900.36	70%	270.11
	NUMBER OF EACH	1						
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/M	250	MI	0.00	0.24	60.00		60.00
	Number of Units	1						
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI	250	MI	0.00	0.72	360.00		360.00
	Number of Units	2						
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM	125	TNM	0.00	0.24	218.40		218.40
	NUMBER OF TONS	7.28						
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	0.00	241.00	482.00		482.00
7	ENVIRONMENTAL SURCHARGE,,JOB,ZI	1	JOB	0.00	134.00	134.00		134.00
				<b>Totals</b>	<b>USD</b>	<b>29,335.70</b>	<b>19,656.90</b>	<b>9,678.80</b>

Halliburton Rep: FABIAN AGUILERA  
 Customer Agent: Skelly Wilson  
 Halliburton Approval: 

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 900268548	<b>Field Ticket Date:</b> Wednesday, March 06, 2013							
<b>To:</b> LANDMARK RESOURCES INC 100 S MAIN SUITE 605 WICHITA, KS 67202	<b>Job Name:</b> 8 5/8" Surface Casing <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> LPR 1-15 <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>Shipping Point:</b> Liberal, KS, USA Hwy 54 West <b>Sales Office:</b> Mid-Continent BD <b>Well Type:</b> Oil <b>Well Category:</b> Development							
<b>Sub To:</b> LANDMARK LPR 1-15, LOGAN LPR 1-15 2985089 OAKLEY, KS 67748								
<b>Uplift</b>	<b>Description</b>	<b>QTY</b>	<b>UOM</b>	<b>Base Price</b>	<b>Unit Price</b>	<b>Gross Amount</b>	<b>Discount</b>	<b>Net Amount</b>

THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE.  
CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

x Kelly Wilson  
Customer Signature

FIELD TICKET TOTAL: USD 9,678.80

Was our HSE performance satisfactory?  Y or N  
(Health, Safety, Environment)

Were you satisfied with our Equipment?  Y or N

Were you satisfied with our people?  Y or N

Comments



PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 135254  
Invoice Date: Mar 15, 2013  
Page: 1

**Bill To:**

Landmark Resources, Inc.  
1616 S. Voss  
Suite 600  
Houston, TX 77057-1264

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Land	60068	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Mar 15, 2013	4/14/13

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	LPR #1-15 Class A Common	17.90	2,362.80
88.00	MAT	Pozmix	9.35	822.80
8.00	MAT	Gel	23.40	187.20
55.00	MAT	Flo Seal	2.97	163.35
236.28	SER	Cubic Feet	2.48	585.97
296.10	SER	Ton Mileage	2.60	769.86
1.00	SER	Plug to Abandon	2,483.59	2,483.59
30.00	SER	Pump Truck Mileage	7.70	231.00
30.00	SER	Light Vehicle Mileage	4.40	132.00
1.00	EQP	8.5/8 Wooden Plug	107.64	107.64
1.00	CEMENTER	LaRene Wentz		
1.00	OPER ASSIST	Paul Beaver		
1.00	OPER ASSIST	David Scariano		

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

\$ 1,569.24

ONLY IF PAID ON OR BEFORE  
Apr 9, 2013

Subtotal	7,846.21
Sales Tax	612.00
Total Invoice Amount	8,458.21
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,458.21</b>

# ALLIED OIL & GAS SERVICES, LLC 060068

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Oaklay, KS

DATE <u>3-15-13</u>	SEC. <u>15</u>	TWP. <u>15</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION <u>10:00am</u>	JOB START <u>1:00pm</u>	JOB FINISH <u>2:00pm</u>
EASE <u>LPR</u>	WELL# <u>1-15</u>	LOCATION <u>Oaklay, 23S, 4Y2W, 25</u>	COUNTY <u>Logan</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>				<u>1W, 12S, Winto</u>			

CONTRACTOR <u>Merton 22</u>	OWNER <u>same</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8"</u>	T.D. <u>4635'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>2325'</u>
COOL	DEPTH
RES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>30,93661</u>	
EQUIPMENT	

PUMP TRUCK	CEMENTER <u>Larone E. Wentz</u>
<u>431</u>	HELPER <u>Paul Beader</u>
BULK TRUCK	
<u>396/306</u>	DRIVER <u>David Scarrano</u>
BULK TRUCK	
	DRIVER

REMARKS:  
Mix 255ks cement 2325'  
Mix 1005ks cement 1225'  
Mix 405ks cement 275'  
Mix 105ks cement w/ply 40'  
Plug MH 255ks  
Plug RH - 305ks  
Thank you

CHARGE TO: Landmark Resources  
 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.

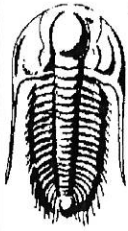
PRINTED NAME KELLY WILSON  
 SIGNATURE Kelly Wilson

CEMENT		
AMOUNT ORDERED	<u>2205ks 60/40 99gel</u>	
	<u>14# flo-seal</u>	
COMMON	<u>1325ks @ 1.790</u>	<u>2362.80</u>
POZMIX	<u>885ks @ 9.35</u>	<u>8222.80</u>
GEL	<u>85ks @ 23.90</u>	<u>187.20</u>
CHLORIDE	@	
ASC	@	
<u>flo-seal 55#</u>	@ <u>2.97</u>	<u>163.35</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>236.28 873 @ 2.48</u>	<u>585.97</u>
MILEAGE	<u>9.97 ton x 30 x 2.60</u>	<u>769.86</u>
TOTAL		<u>4891.98</u>

SERVICE		
DEPTH OF JOB	<u>2325'</u>	
PUMP TRUCK CHARGE		<u>2483.59</u>
EXTRA FOOTAGE	@	
MILEAGE <u>MICHO 30</u>	@ <u>7.70</u>	<u>231.00</u>
MANIFOLD	@	
<u>MICU 30</u>	@ <u>4.40</u>	<u>132.00</u>
	@	
TOTAL		<u>2846.59</u>

PLUG & FLOAT EQUIPMENT		
<u>wooden plug</u>	@	<u>107.64</u>
	@	
	@	
	@	
	@	
TOTAL		<u>107.64</u>

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 7,846.21  
 DISCOUNT 1,569.24 IF PAID IN 30 DAYS  
6,276.96 Net.



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Landmark Resources  
1616 S. Voss Rd. Ste 600  
Houston, Tx 77057  
ATTN: Terry Mcleod

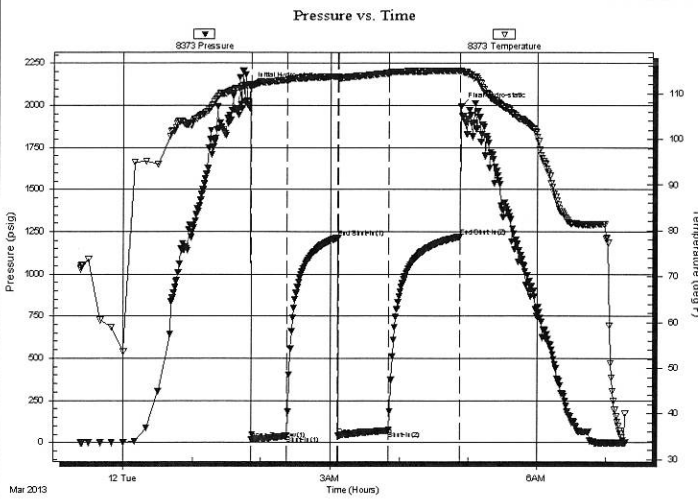
**15-15-33 Logan, Ks**  
**LPR 1-15**  
Job Ticket: 51340      **DST#: 1**  
Test Start: 2013.03.11 @ 23:23:15

## GENERAL INFORMATION:

Formation: **Pleasanton Altamont**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 01:51:15  
Time Test Ended: 07:17:45  
Interval: **4188.00 ft (KB) To 4280.00 ft (KB) (TVD)**  
Total Depth: 4280.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brandon Turley  
Unit No: 60  
Reference Elevations: 2891.00 ft (KB)  
2881.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8373      Inside**  
Press@RunDepth: 72.96 psig @ 4189.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.03.11      End Date: 2013.03.12      Last Calib.: 2013.03.12  
Start Time: 23:23:20      End Time: 07:17:44      Time On Btm: 2013.03.12 @ 01:50:15  
Time Off Btm: 2013.03.12 @ 04:53:15

TEST COMMENT: IF: Surface blow built to 2 1/2.  
IS: No return.  
FF: Surface blow built to 1.  
FS: No return.



## PRESSURE SUMMARY

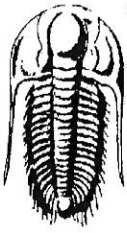
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2112.56	112.06	Initial Hydro-static
1	18.20	111.39	Open To Flow (1)
32	40.09	112.91	Shut-In(1)
76	1217.67	113.75	End Shut-In(1)
77	43.43	113.29	Open To Flow (2)
120	72.96	114.53	Shut-In(2)
182	1221.98	115.05	End Shut-In(2)
183	1995.51	114.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	ocm 5%o 95%m	0.59
5.00	free oil 100%o	0.02

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources

**15-15-33 Logan, Ks**

1616 S. Voss Rd. Ste 600  
Houston, Tx 77057

**LPR 1-15**

Job Ticket: 51340

**DST#: 1**

ATTN: Terry Mcleod

Test Start: 2013.03.11 @ 23:23:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	ocm 5%o 95%m	0.590
5.00	free oil 100%o	0.025

Total Length: 125.00 ft      Total Volume: 0.615 bbl

Num Fluid Samples: 0

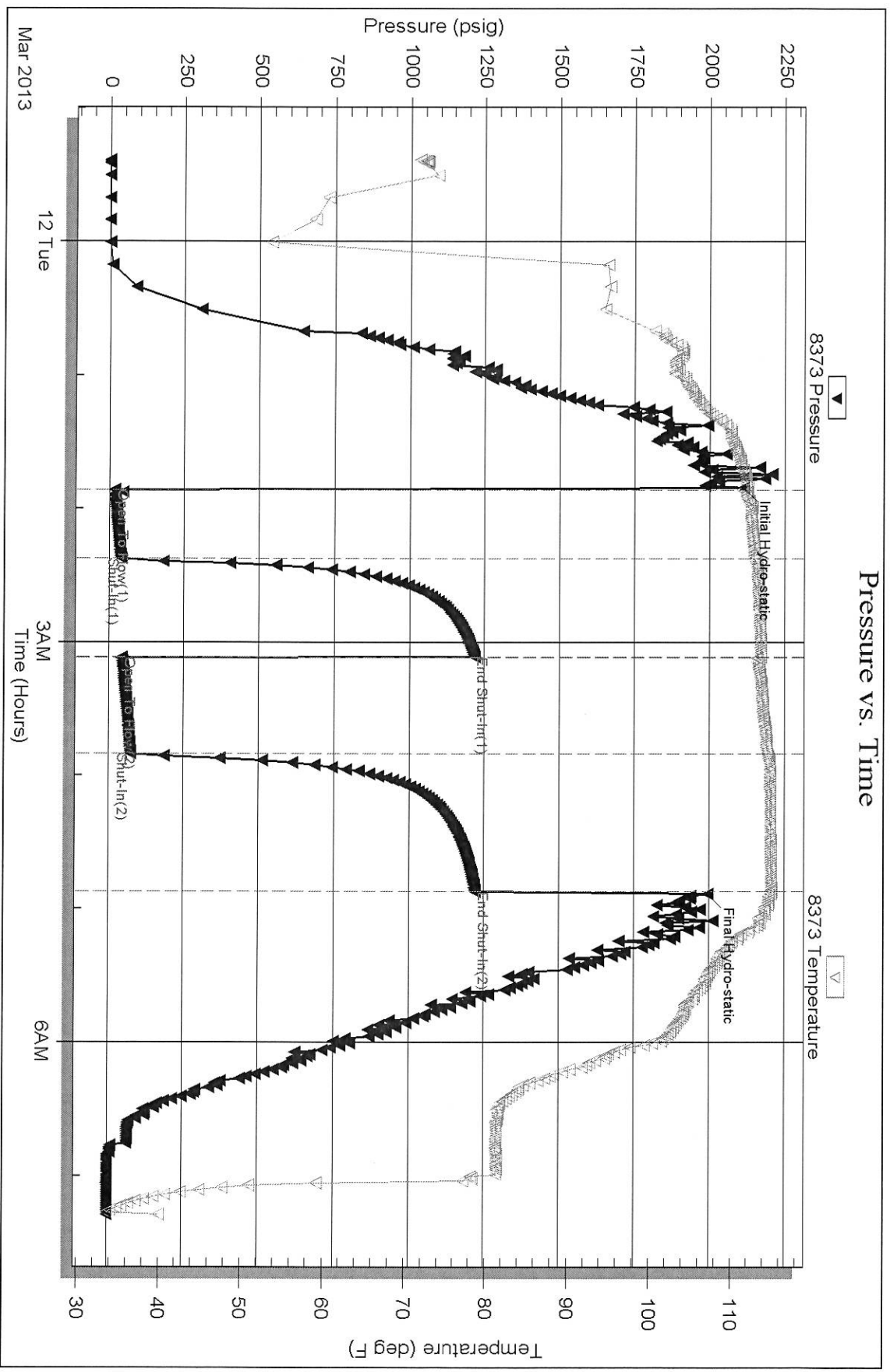
Num Gas Bombs: 0

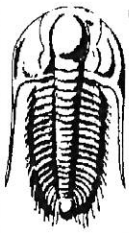
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Landmark Resources  
1616 S. Voss Rd. Ste 600  
Houston, Tx 77057  
ATTN: Terry McLeod

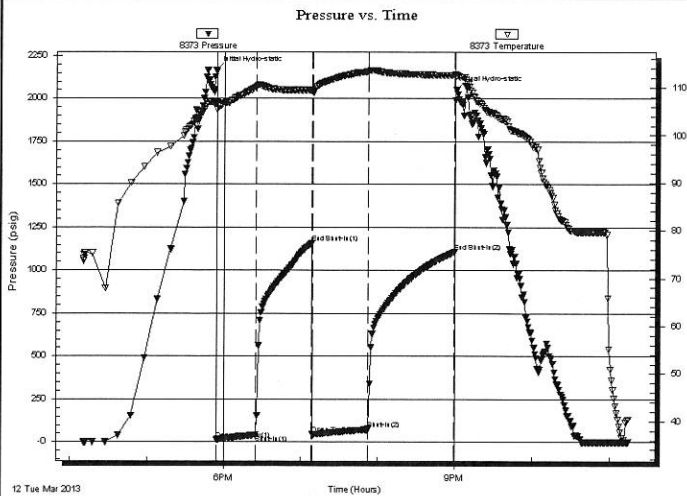
**15-15-33 Logan, Ks**  
**LPR 1-15**  
Job Ticket: 51341      **DST#: 2**  
Test Start: 2013.03.12 @ 16:10:43

## GENERAL INFORMATION:

Formation: **Altamont B- C**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 17:54:13  
Time Test Ended: 23:14:43  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brandon Turley  
Unit No: 60  
Interval: **4275.00 ft (KB) To 4326.00 ft (KB) (TVD)**  
Reference Elevations: 2891.00 ft (KB)  
Total Depth: 4326.00 ft (KB) (TVD)      2881.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good      KB to GR/CF: 10.00 ft

**Serial #: 8373      Inside**  
Press@RunDepth: 73.04 psig @ 4276.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.03.12      End Date: 2013.03.12      Last Calib.: 2013.03.12  
Start Time: 16:10:48      End Time: 23:14:42      Time On Btm: 2013.03.12 @ 17:53:13  
Time Off Btm: 2013.03.12 @ 21:00:43

TEST COMMENT: IF: Surface blow built to 3/4.  
IS: No return.  
FF: Surface blow built to 1.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2165.76	106.86	Initial Hydro-static
1	12.54	105.36	Open To Flow (1)
32	40.93	110.28	Shut-In(1)
75	1157.75	109.48	End Shut-In(1)
76	44.58	108.93	Open To Flow (2)
119	73.04	113.39	Shut-In(2)
186	1106.42	112.64	End Shut-In(2)
188	2049.57	112.53	Final Hydro-static

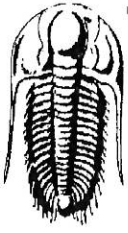
## Recovery

Length (ft)	Description	Volume (bbl)
60.00	mcw 90%w 10%m	0.30
60.00	mcw 60%w 40%m	0.30

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Landmark Resources

**15-15-33 Logan, Ks**

1616 S. Voss Rd. Ste 600  
Houston, Tx 77057

**LPR 1-15**

Job Ticket: 51341

**DST#: 2**

ATTN: Terry Mcleod

Test Start: 2013.03.12 @ 16:10:43

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	mcw 90%w 10%m	0.295
60.00	mcw 60%w 40%m	0.295

Total Length: 120.00 ft      Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

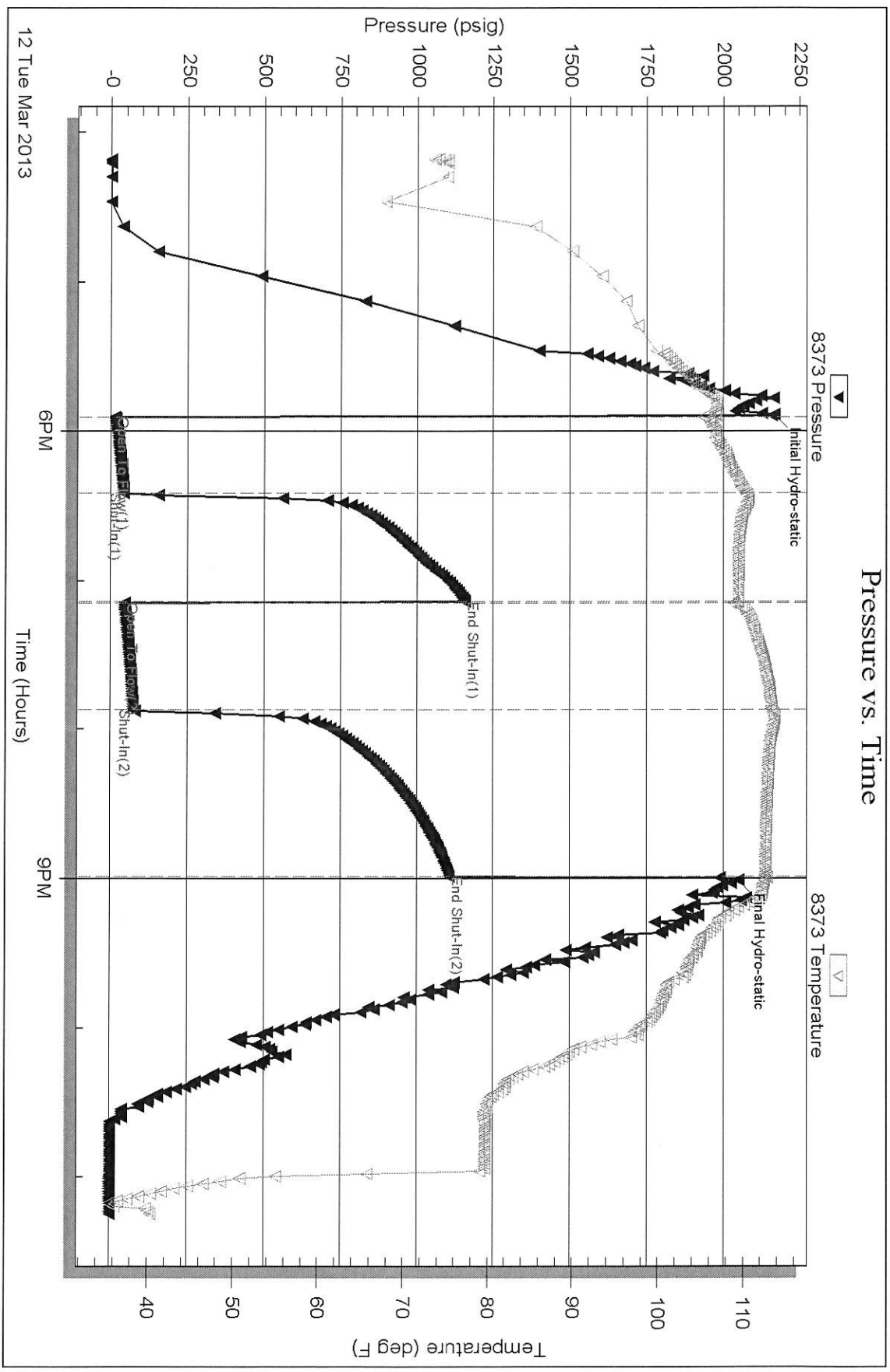
Recovery Comments: .43@41=27000

Serial #: 8373

Inside Landmark Resources

LPR 1-15

DST Test Number: 2

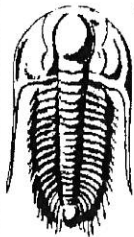


Trilobite Testing, Inc

Ref. No: 51341

Printed: 2013.03.13 @ 08:08:40





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources  
1616 S. Voss Rd. Ste 600  
Houston, Tx 77057  
ATTN: Terry Mcleod

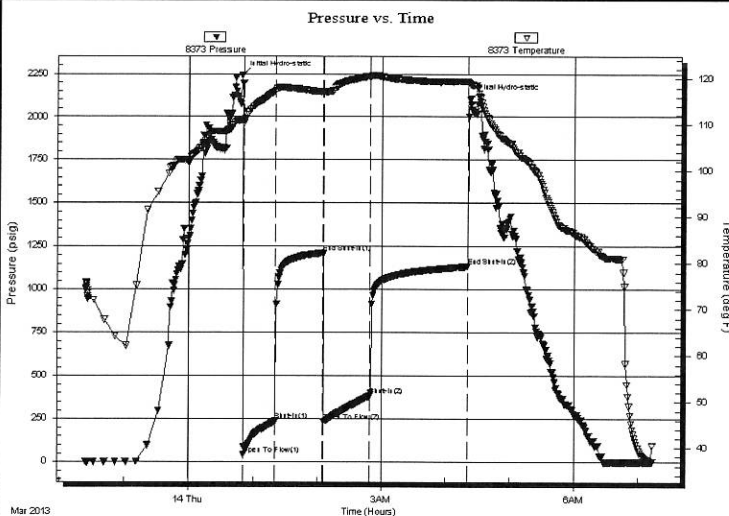
**15-15-33 Logan, Ks**  
**LPR 1-15**  
Job Ticket: 51342      **DST#: 3**  
Test Start: 2013.03.13 @ 22:24:28

## GENERAL INFORMATION:

Formation: **?? dont know.**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 00:50:58  
Time Test Ended: 07:13:58  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brandon Turley  
Unit No: 60  
Interval: **4347.00 ft (KB) To 4505.00 ft (KB) (TVD)**  
Total Depth: 4505.00 ft (KB) (TVD)  
Reference Elevations: 2891.00 ft (KB)  
2881.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good  
KB to GR/CF: 10.00 ft

**Serial #: 8373      Inside**  
Press@RunDepth: 383.14 psig @ 4348.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.03.13      End Date: 2013.03.14      Last Calib.: 2013.03.14  
Start Time: 22:24:33      End Time: 07:13:58      Time On Btm: 2013.03.14 @ 00:49:28  
Time Off Btm: 2013.03.14 @ 04:22:58

TEST COMMENT: IF: BOB in 8 min.  
IS: No return.  
FF: BOB in 10 min.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2242.29	110.94	Initial Hydro-static
2	40.08	110.36	Open To Flow (1)
31	237.10	117.47	Shut-In(1)
76	1211.72	117.17	End Shut-In(1)
77	232.93	116.89	Open To Flow (2)
120	383.14	120.53	Shut-In(2)
211	1135.05	119.40	End Shut-In(2)
214	2104.89	118.82	Final Hydro-static

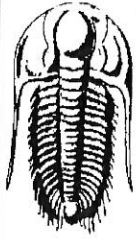
## Recovery

Length (ft)	Description	Volume (bbl)
372.00	mcw 85%w 15%m	2.80
248.00	mcw 50%w 50%m	3.48
201.00	w cm 40%w 60%m	2.82

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources

**15-15-33 Logan, Ks**

1616 S. Voss Rd. Ste 600  
Houston, Tx 77057

**LPR 1-15**

Job Ticket: 51342

**DST#: 3**

ATTN: Terry Mcleod

Test Start: 2013.03.13 @ 22:24:28

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

29000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
372.00	mcw 85%w 15%m	2.804
248.00	mcw 50%w 50%m	3.479
201.00	w cm 40%w 60%m	2.820

Total Length: 821.00 ft      Total Volume: 9.103 bbl

Num Fluid Samples: 0

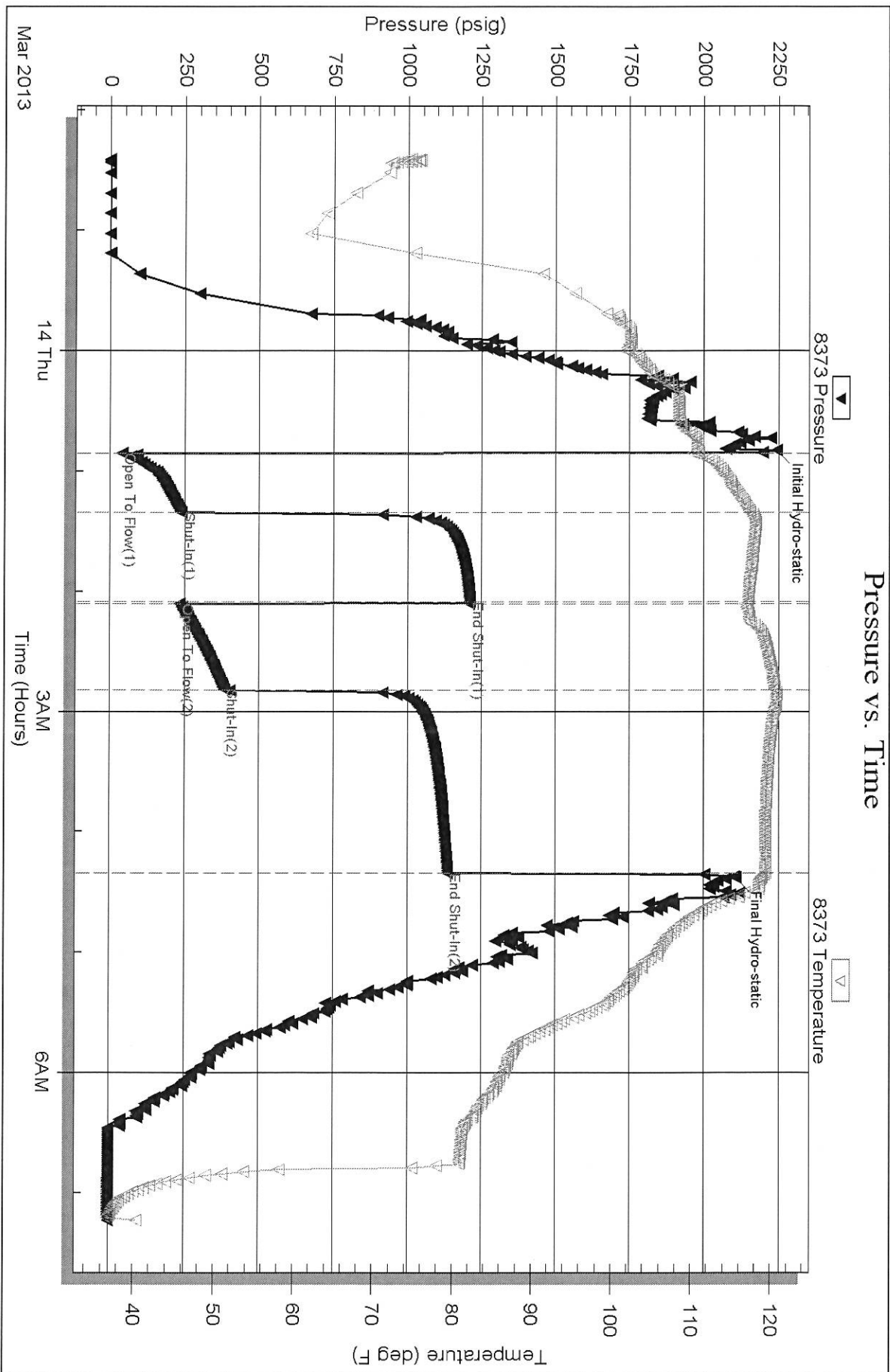
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .41@42=29000



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 11, 2013

Jeff Wood  
Landmark Resources, Inc.  
1616 S VOSS RD STE 600  
HOUSTON, TX 77057-2641

Re: ACO1  
API 15-109-21161-00-00  
LPR 1-15  
SE/4 Sec.15-15S-33W  
Logan 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,  
Jeff Wood