

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1251672
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: _____

1251672

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

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Gerber 2-9
Doc ID	1251672

All Electric Logs Run

Dual Compensated Porosity Log
Mircoresistivity Log
Dual Induction Log
Gamma Ray / Caliper Log

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Gerber 2-9
Doc ID	1251672

Tops

Name	Top	Datum
Anhydrite	2305	599
B/Anhydrite	2326	578
Topeka	3590	-686
Heebner	3819	-915
Toronto	3840	-936
Lansing	3862	-958
C	3900	-996
D	3919	-1015
E	3950	-1046
F	3958	-1054
G	3983	-1079
Muncie Creek	4028	-1124
H	4039	-1135
I	4072	-1168
J	4095	-1191
Stark Shale	-4112	-1208
K	4123	-1219
L	4160	-1256
BKC	4189	-1285
Marmaton	4229	-1325
Altamont	4248	-1344
Pawnee	4330	-1426
Myrick Station	4370	-1466
Fort Scott	4384	-1480

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Gerber 2-9
Doc ID	1251672

Tops

Name	Top	Datum
Cherokee	4410	-1506
Johnson Zone	4456	-1552
Up Morrow Sand	4525	-1621
Missippian	4594	-1690



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 148667
Invoice Date: Feb 19, 2015
Page: 1

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

Federal Tax I.D.#: 20-8651475

Bill To:

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

Customer ID	Field Ticket #	Payment Terms	
Land	64687	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Feb 19, 2015	3/21/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Gerber #2-9		
255.00	CEMENT MATERIALS	60/40/4% Gel Blend	18.92	4,824.60
63.75	CEMENT MATERIALS	Flo Seal	2.97	189.34
273.87	CEMENT SERVICE	Cubic Feet Charge	2.48	679.20
457.20	CEMENT SERVICE	Ton Mileage Charge	2.75	1,257.30
1.00	CEMENT SERVICE	Plug to Abandon	2,483.59	2,483.59
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	EQUIPMENT SALES	8-5/8 Dry Hole Plug	110.00	110.00
1.00	CEMENT SUPERVISOR	Andrew Forslund		
1.00	EQUIPMENT OPERATOR	Brandon Wilkinson		
1.00	CEMENT SUPERVISOR	Paul Beaver		

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

\$ 2,975.40

ONLY IF PAID ON OR BEFORE
Mar 21, 2015

Subtotal		10,028.03
Sales Tax	0.075	767.14
Total Invoice /		10,795.17
Payment/Cred		
TOTAL	000	10,795.17

10,795.17 +

2,975.40 -

7,819.77 **

ALLIED OIL & GAS SERVICES, LLC 064687

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Oakley

DATE <u>2-19-15</u>	SEC. <u>9</u>	TWR. <u>15</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION <u>11:30 A.M.</u>	JOB START <u>11:00 P.M.</u>	JOB FINISH <u>5:00 P.M.</u>
LEASE <u>Gerber</u>		WELL# <u>2-9</u>		LOCATION <u>Oakley S To Gold Rd W To T</u>		COUNTY <u>Logan</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>25 34 NINTO</u>			

CONTRACTOR <u>VAL #1</u>	OWNER <u>same</u>
TYPE OF JOB <u>PJA</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4680</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>2320'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT	
AMOUNT ORDERED <u>255 SKS</u>	<u>40 4% gel</u>
<u>1/4 flo-seal</u>	
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@
<u>40 4% gel 255 SKS</u>	@ <u>18.92</u> <u>4824.60</u>
<u>1/4 flo-seal 63.25 #</u>	@ <u>2.97</u> <u>189.33</u>
<u>Material total</u>	@ <u>5013.93</u>
<u>(1504.18/30%)</u>	@
HANDLING <u>223.82 cu/ft</u>	@ <u>2.98</u> <u>679.19</u>
MILEAGE <u>2.75 to mile</u>	@ <u>11.43 ton</u> <u>1257.20</u>

EQUIPMENT

PUMP TRUCK # <u>431</u>	CEMENTER <u>Andrew Forstlund</u>
BULK TRUCK # <u>323</u>	HELPER <u>Brandon Wilkinen</u>
BULK TRUCK # _____	DRIVER <u>Paul Beaver</u>
BULK TRUCK # _____	DRIVER _____

REMARKS: TOTAL _____

50 SKS @ 2320'
100 SKS @ 1100'
50 SKS @ 280'
10 SKS @ 40'
15 SKS mouse hole
30 SKS Rat hole

Thank you

CHARGE TO: Landmark Resources
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>2320'</u>	
PUMP TRUCK CHARGE	<u>2482.59</u>
EXTRA FOOTAGE	@
MILEAGE <u>40 miles</u>	@ <u>7.70</u> <u>308.00</u>
MANIFOLD	@
<u>Light vehicle</u>	@ <u>4.40</u> <u>176.00</u>
<u>(1471.22/30%)</u>	TOTAL <u>4,904.08</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8</u>	
<u>1 Dry hole plug</u>	@ <u>110.00</u>
	@
	@
	@
	@
<u>Ø</u>	TOTAL <u>110.00</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.

PRINTED NAME _____
SIGNATURE [Signature]

SALES TAX (If Any) _____
TOTAL CHARGES 10,028.01
DISCOUNT 2,975.40/30% IF PAID IN 30 DAYS
7,052.60 Net



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 148590
Invoice Date: Feb 10, 2015
Page: 1

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

Federal Tax I.D.#: 20-8651475

Bill To:

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

Customer ID	Field Ticket #	Payment Terms	
Land	64818	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Feb 10, 2015	3/12/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Gerber #2-9		
175.00	CEMENT MATERIALS	Class A Common	17.90	3,132.50
494.00	CEMENT MATERIALS	Chloride	1.10	543.40
184.77	CEMENT SERVICE	Cubic Feet Charge	2.48	458.23
338.87	CEMENT SERVICE	Ton Mileage Charge	2.75	931.89
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	CEMENT SUPERVISOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Brandon Wilkinson		
1.00	OPERATOR ASSISTANT	Wayne Messalle		

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

\$ 2,568.04

ONLY IF PAID ON OR BEFORE
Mar 12, 2015

Subtotal	0.00	7,337.27
Sales Tax		281.21
Total Invoice Amount		7,618.48
Payment/Credit Applied	000	
TOTAL		7,618.48

ALLIED OIL & GAS SERVICES, LLC 064818

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Osage, KS

DATE <u>2-10-15</u>	SEC <u>9</u>	TWP. <u>15S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>9:30 a.m.</u>	JOB START <u>10:30 a.m.</u>	JOB FINISH <u>11:00 a.m.</u>
LEASE <u>Gerber</u>		WELL # <u>2-9</u>		LOCATION <u>Gald Rd w to Deed End, 25, 3W, Ninto, (stay E side on lease Rd)</u>		COUNTY <u>Logan</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Vol 1 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 232' CEMENT AMOUNT ORDERED 175 sks Com 3 1/2 CC

CASING SIZE 8 5/8 DEPTH 232'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 1.5'

PERFS.

DISPLACEMENT 13.5 bbl H₂O

EQUIPMENT

PUMP TRUCK # 431 CEMENTER Paul Beamer HELPER Brandon Wilkinson

BULK TRUCK # 818/287 DRIVER Wayne Messalle

BULK TRUCK # DRIVER

REMARKS:

mix 175 sks Com 3 1/2 CC.

Displace w/ water

cement did circ

(4 sks to pit)

Thank you Paul & Crew

CHARGE TO: Landmark Resources

STREET

CITY STATE ZIP

BID

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

SIGNATURE Robert W. M

COMMON 175 sks @ 17.90 3132.50

POZMIX @

GEL @

CHLORIDE 494 # @ 1.10 543.40

ASC @

@

Material Total @ 3226.90

@

(1286.56/35%)

@

@

HANDLING 184.77 473 @ 2.48 458.24

MILEAGE 338.87 ton/m x 2.75 931.89

TOTAL

SERVICE

DEPTH OF JOB 232'

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @

MILEAGE mi HV 40 @ 7.70 308.00

MANIFOLD Suredge @ 275.00

mi LV 40 @ 4.40 176.00

@

(1281.48/35%) TOTAL 3,661.38

PLUG & FLOAT EQUIPMENT

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES 7,337.28

DISCOUNT 2,568.04 (35%) IF PAID IN 30 DAYS

4,769.23 Net Bid



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S Voss Rd Ste 600
Houston, TX 77057

ATTN: Terry Mcleod

Gerber #2-9

9-15s-33w Logan,KS

Start Date: 2015.02.16 @ 02:13:44

End Date: 2015.02.16 @ 09:51:14

Job Ticket #: 59699 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.02.19 @ 14:20:36



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc

9-15s-33w Logan,KS

1616 S Voss Rd Ste 600
Houston, TX 77057

Gerber #2-9

Job Ticket: 59699

DST#: 1

ATTN: Terry Mcleod

Test Start: 2015.02.16 @ 02:13:44

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:53:44

Time Test Ended: 09:51:14

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 4118.00 ft (KB) To 4155.00 ft (KB) (TVD)

Reference Elevations: 2904.00 ft (KB)

Total Depth: 4155.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8166 Outside

Press@RunDepth: 636.59 psig @ 4123.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.16

End Date:

2015.02.16

Last Calib.:

2015.02.16

Start Time: 02:13:49

End Time:

09:51:13

Time On Btm:

2015.02.16 @ 04:53:14

Time Off Btm:

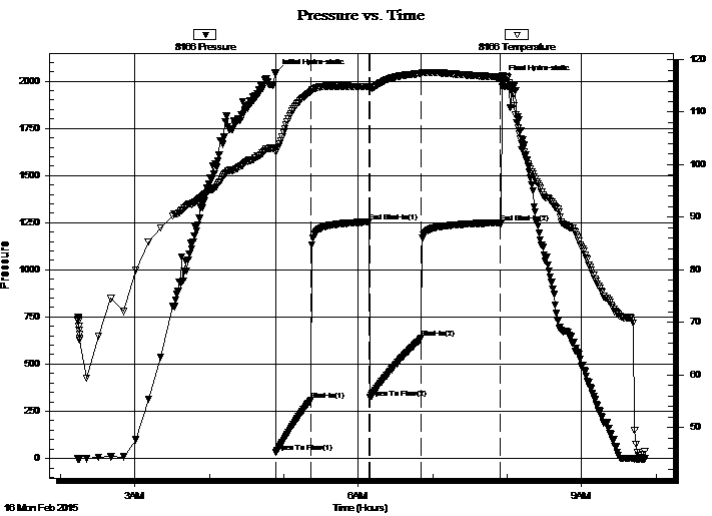
2015.02.16 @ 07:56:14

TEST COMMENT: IF: BOB in 4 1/2 min.

IS: No return.

FF: BOB in 5 min.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2043.14	103.24	Initial Hydro-static
1	33.83	102.37	Open To Flow (1)
29	310.25	113.85	Shut-In(1)
76	1254.11	114.83	End Shut-In(1)
76	321.73	114.51	Open To Flow (2)
118	636.59	117.35	Shut-In(2)
181	1250.30	116.64	End Shut-In(2)
183	2008.04	116.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
992.00	mcw 95%w 5%m	13.92
186.00	mcw 70%w 30%m	2.61
196.00	w cm 20%w 80%m	2.75

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc

9-15s-33w Logan,KS

1616 S Voss Rd Ste 600
Houston, TX 77057

Gerber #2-9

Job Ticket: 59699

DST#: 1

ATTN: Terry Mcleod

Test Start: 2015.02.16 @ 02:13:44

Tool Information

Drill Pipe:	Length: 4126.00 ft	Diameter: 3.80 inches	Volume: 57.88 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 57.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4118.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4101.00	
Shut In Tool	5.00			4106.00	
Hydraulic tool	5.00			4111.00	
Safety Joint	2.00			4113.00	
Packer	5.00			4118.00	18.00 Bottom Of Top Packer
Packer - Shale	4.00			4122.00	
Stubb	1.00			4123.00	
Recorder	0.00	8373	Inside	4123.00	
Recorder	0.00	8166	Outside	4123.00	
Perforations	1.00			4124.00	
Change Over Sub	1.00			4125.00	
Drill Pipe	31.00			4156.00	
Change Over Sub	1.00			4157.00	
Bullnose	2.00			4159.00	41.00 Anchor Tool

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc

9-15s-33w Logan,KS

1616 S Voss Rd Ste 600
Houston, TX 77057

Gerber #2-9

Job Ticket: 59699

DST#: 1

ATTN: Terry Mcleod

Test Start: 2015.02.16 @ 02:13:44

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:

26000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
992.00	mcw 95%w 5%m	13.915
186.00	mcw 70%w 30%m	2.609
196.00	w cm 20%w 80%m	2.749

Total Length: 1374.00 ft Total Volume: 19.273 bbl

Num Fluid Samples: 0

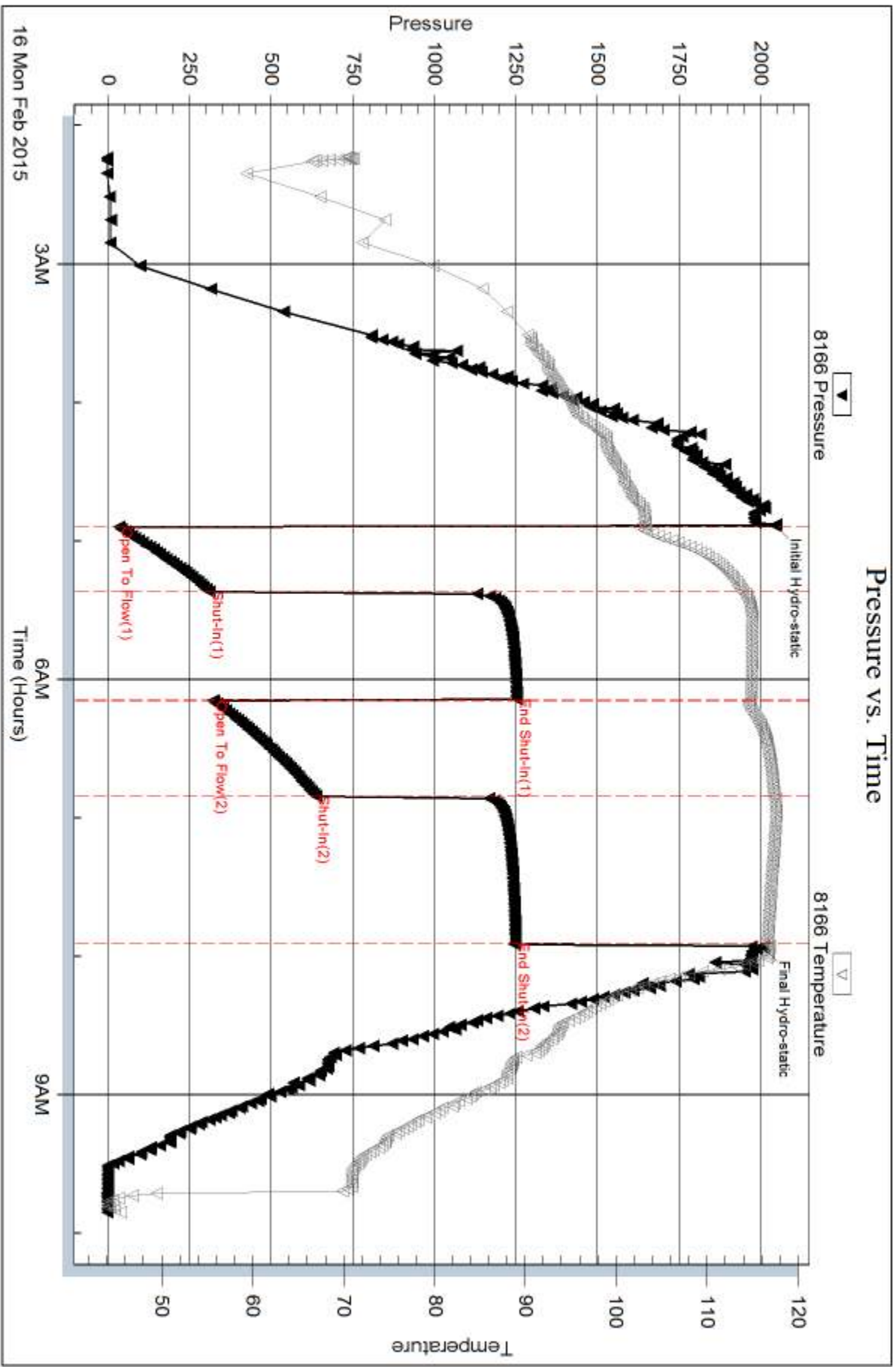
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .31@59=26000



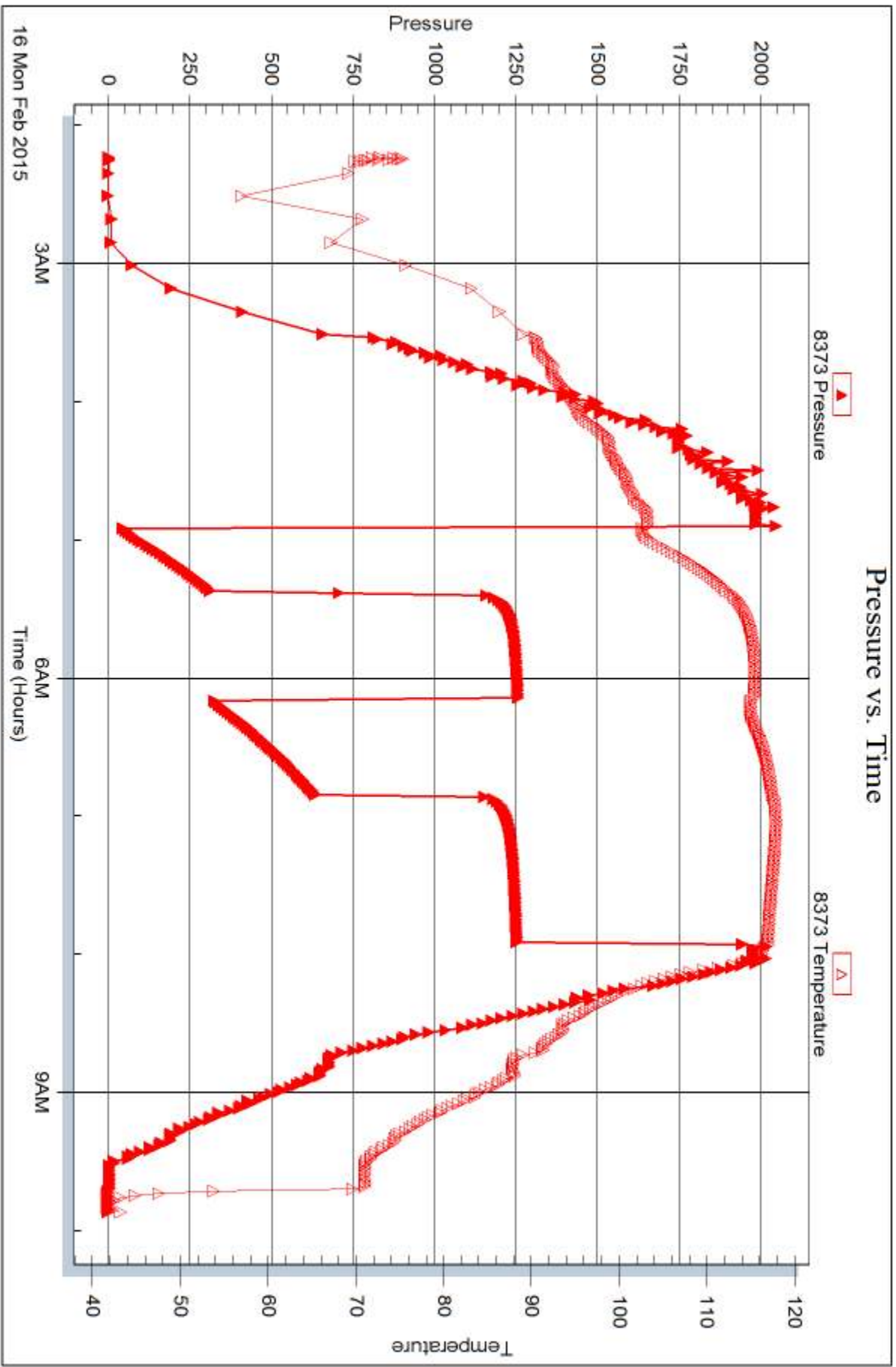
Serial #: 8373

Inside

Landmark Resources Inc

Gerber #2-9

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S Voss Rd Ste 600
Houston, TX 77057

ATTN: Terry Mcleod

Gerber #2-9

9-15s-33w Logan,KS

Start Date: 2015.02.17 @ 08:52:38

End Date: 2015.02.17 @ 15:17:08

Job Ticket #: 59700 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.02.19 @ 14:19:40



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc

9-15s-33w Logan,KS

1616 S Voss Rd Ste 600
Houston, TX 77057

Gerber #2-9

Job Ticket: 59700

DST#: 2

ATTN: Terry Mcleod

Test Start: 2015.02.17 @ 08:52:38

GENERAL INFORMATION:

Formation: **Marmaton - Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:15:38

Time Test Ended: 15:17:08

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4247.00 ft (KB) To 4320.00 ft (KB) (TVD)

Reference Elevations: 2904.00 ft (KB)

Total Depth: 4320.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8166 Outside

Press@RunDepth: 25.46 psig @ 4252.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.17 End Date: 2015.02.17

Last Calib.: 2015.02.17

Start Time: 08:52:43 End Time: 15:17:07

Time On Btm: 2015.02.17 @ 11:14:08

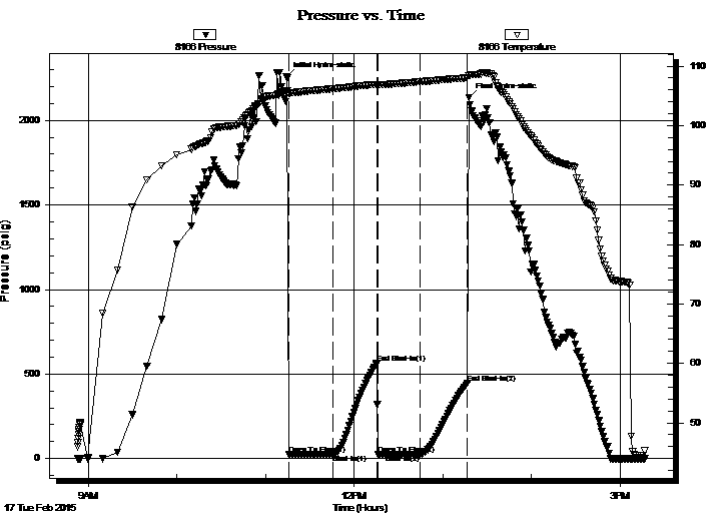
Time Off Btm: 2015.02.17 @ 13:17:38

TEST COMMENT: IF: 1/4" blow died in 7 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2259.95	105.88	Initial Hydro-static
2	23.76	105.43	Open To Flow (1)
32	25.12	106.19	Shut-In(1)
61	562.11	106.94	End Shut-In(1)
62	24.95	106.81	Open To Flow (2)
91	25.46	107.38	Shut-In(2)
123	447.10	108.05	End Shut-In(2)
124	2133.48	108.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%m	0.21

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc

9-15s-33w Logan,KS

1616 S Voss Rd Ste 600
Houston, TX 77057

Gerber #2-9

Job Ticket: 59700

DST#: 2

ATTN: Terry Mcleod

Test Start: 2015.02.17 @ 08:52:38

Tool Information

Drill Pipe:	Length: 4253.00 ft	Diameter: 3.80 inches	Volume: 59.66 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4247.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	95.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4230.00	
Shut In Tool	5.00			4235.00	
Hydraulic tool	5.00			4240.00	
Safety Joint	2.00			4242.00	
Packer	5.00			4247.00	18.00 Bottom Of Top Packer
Packer - Shale	4.00			4251.00	
Stubb	1.00			4252.00	
Recorder	0.00	8373	Inside	4252.00	
Recorder	0.00	8166	Outside	4252.00	
Perforations	3.00			4255.00	
Change Over Sub	1.00			4256.00	
Drill Pipe	62.00			4318.00	
Change Over Sub	1.00			4319.00	
Bullnose	5.00			4324.00	77.00 Anchor Tool

Total Tool Length: 95.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc

9-15s-33w Logan,KS

1616 S Voss Rd Ste 600
Houston, TX 77057

Gerber #2-9

Job Ticket: 59700

DST#: 2

ATTN: Terry Mcleod

Test Start: 2015.02.17 @ 08:52:38

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100%m	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

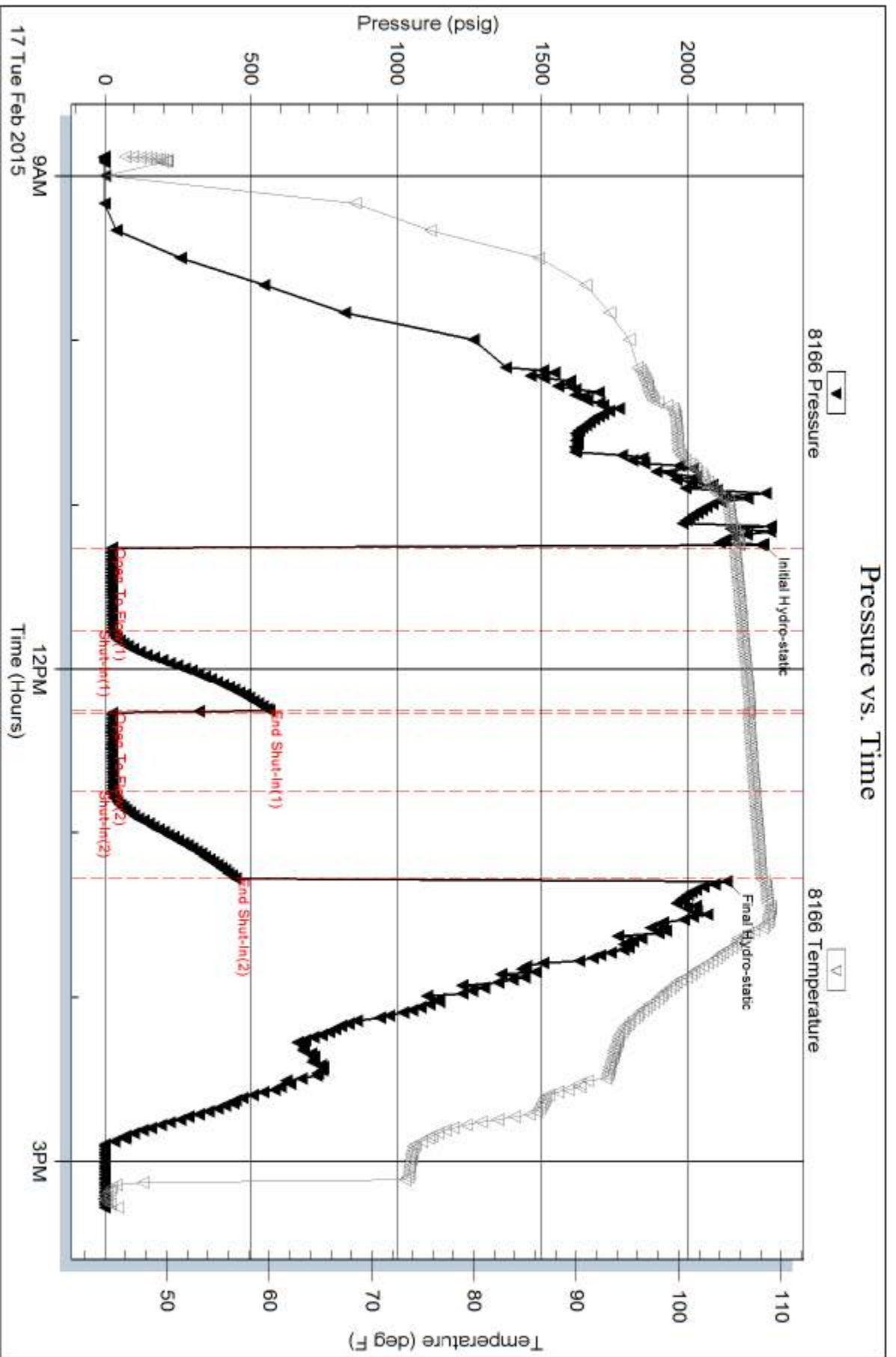
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



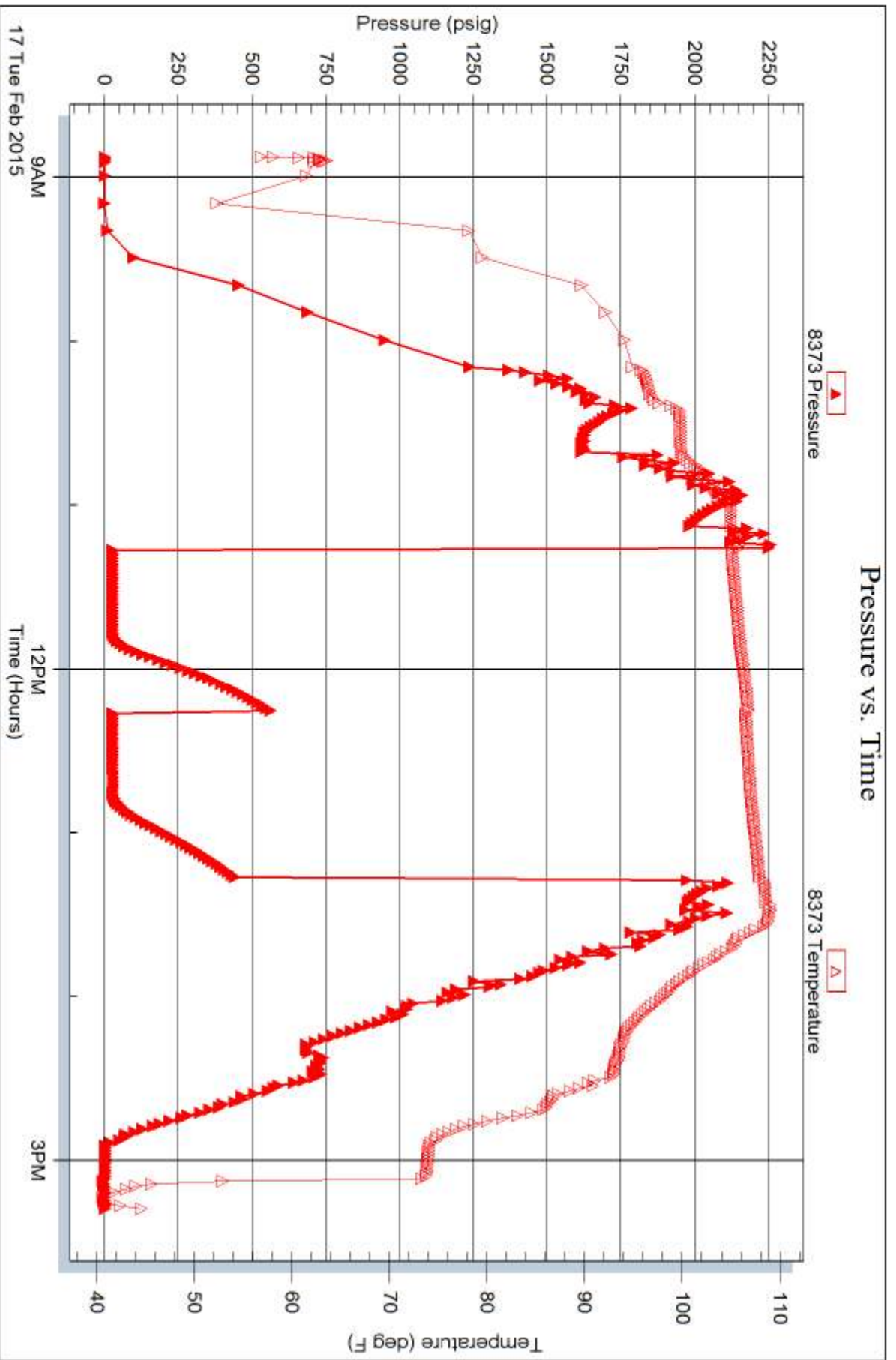
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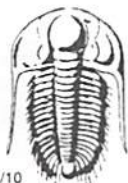
Inside

Landmark Resources Inc

Gerber #2-9

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59699

Well Name & No. Gerber 2-9 Test No. 1 Date 2-16-15
 Company Landmark Resources Inc Elevation 2904 KB 2894 GL
 Address 1616 S Voss Rd Ste 600 Houston, TX 77057
 Co. Rep / Geo. Terry McLeod Rig U91 #1
 Location: Sec. 9 Twp. 15 Rge. 33 Co. Logan State KS

Interval Tested 4118 4155 Zone Tested ? K
 Anchor Length 37 Drill Pipe Run 4126 Mud Wt. 9.1
 Top Packer Depth 4113 Drill Collars Run — Vis 45
 Bottom Packer Depth 4118 Wt. Pipe Run — WL 7.2
 Total Depth 4155 Chlorides 4500 ppm System LCM 1

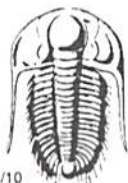
Blow Description IF: BoB in 4 1/2 min.
IS: No return,
FF: BoB in 5 min.
#3: No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>196</u>	<u>wcm</u>		<u>20</u>	<u>80</u>	
<u>186</u>	<u>mcw</u>		<u>70</u>	<u>30</u>	
<u>992</u>	<u>mcw</u>		<u>95</u>	<u>5</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec Total <u>1374</u>	BHT <u>117</u>	Gravity <u>—</u>	API RW <u>.31</u>	@ <u>59</u> ° F	Chlorides <u>26,000</u> ppm

(A) Initial Hydrostatic 2043 Test 1150 T-On Location 1:10
 (B) First Initial Flow 33 Jars _____ T-Started 2:13
 (C) First Final Flow 310 Safety Joint 75 T-Open 4:53
 (D) Initial Shut-In 1254 Circ Sub N/C T-Pulled 7:53
 (E) Second Initial Flow 521 Hourly Standby _____ T-Out 9:50
 (F) Second Final Flow 636 Mileage 64 - 50 Comments on the bank
 (G) Final Shut-In 1250 Sampler _____ at 2:15
 (H) Final Hydrostatic 2008 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer 250
 Initial Shut-In 45 Extra Packer _____
 Final Flow 45 Extra Recorder _____
 Final Shut-In 60 Day Standby _____
 Accessibility _____
 Sub Total 1525 Sub Total _____
 Sub Total 0 Sub Total _____
 Total 1525 Total _____
 MP/DST Disc't _____

Approved By Terry McLeod Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59700

Well Name & No. Gerber 2-9 Test No. 2 Date 2-17-15
 Company Landmark Resources Elevation 2904 KB 2894 GL
 Address _____
 Co. Rep / Geo. Terry McLeod Rig U91 #1
 Location: Sec. 9 Twp. 15 Rge. 33 Co. Logan State KS

Interval Tested 4247 4320 Zone Tested Morrison
 Anchor Length 73 Drill Pipe Run 4253 Mud Wt. 9.3
 Top Packer Depth 4242 Drill Collars Run — Vis 50
 Bottom Packer Depth 4247 Wt. Pipe Run — WL 8.0
 Total Depth 4320 Chlorides 5600 ppm System LCM 1

Blow Description IF: 14 blow died in 7 min.
IS: No return.
FF: No blow.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud</u>			<u>160</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 107 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2259 Test 1150 T-On Location 7:40
 (B) First Initial Flow 23 Jars _____ T-Started 8:52
 (C) First Final Flow 25 Safety Joint 75 T-Open 11:15
 (D) Initial Shut-In 562 Circ Sub N/C T-Pulled 13:15
 (E) Second Initial Flow 24 Hourly Standby _____ T-Out 15:17
 (F) Second Final Flow 25 Mileage 64-K2 50+50 Comments _____
 (G) Final Shut-In 447 Sampler _____
 (H) Final Hydrostatic 2133 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 30 Shale Packer 250
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total 1575 Sub Total 1575
 Total 1575 MP/DST Disc't _____

Approved By Terry McLeod Our Representative [Signature]

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