



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1254068
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
-----------------------------------	-----------------	---

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: _____



1254068

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
--	---

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
----------------	-------	---------	------------	---

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 4-9
Doc ID	1254068

All Electric Logs Run

Microresistivity Log
Dual Compensated Porosity Log
Dual Induction Log
Borehole Compensated Sonic Log
Sector Bond / Gamma Ray CCL Log

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 4-9
Doc ID	1254068

Tops

Name	Top	Datum
Anhydrite	2454	689
B/ Anhydrite	2473	670
Topeka	3782	-639
Heebner	4023	-880
Toronto	4043	-900
Lansing	4069	-926
C	4112	-969
D	4127	-984
E	4166	-1023
F	4188	-1045
G	4208	-1065
Munice Creek	4259	-1116
H	4270	-1127
I	4309	-1166
J	4335	-1192
Stark Shale	4354	-1211
K	4356	-1213
L	4408	-1265
BKC	4448	-1305
Marmaton	4508	-1365
Altamont	4535	-1392
Pawnee	4576	-1433
Myrick Station	4614	-1471
Fort Scott	4632	-1489

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 4-9
Doc ID	1254068

Tops

Name	Top	Datum
Cherokee	4658	-1515
Johnson Zone	4720	-1577
Morrow Shale	4801	-1658
U. Morrow Sd	4885	-1742
Missippian	4891	-1748



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 147888

Invoice Date: Dec 23, 2014

Voice: (817) 546-7282

Page: 1

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	63809	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Dec 23, 2014	1/22/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Decker #4-9		
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
423.45	CEMENT SERVICE	Ton Mileage Charge	2.75	1,164.49
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Kevin Ryan		
1.00	OPERATOR ASSISTANT	Shawn Tatro		

Su	7,715.46+	7,415.87
Se	2,076.44-	299.59
Tc	5,639.02**	7,715.46
Pa		
Tt		7,715.46

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

\$ 2,076.44

ONLY IF PAID ON OR BEFORE
Jan 22, 2015

ALLIED OIL & GAS SERVICES, LLC 063809

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Dallas TX

DATE <u>12/23/14</u>	SEC. <u>9</u>	TWP. <u>17</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00P</u>	JOB FINISH <u>2:30P</u>
LEASE <u>Decker</u>	WELL # <u>4-9</u>	LOCATION <u>Pence 45 W 5 W 2</u>			COUNTY <u>Scott</u>	STATE <u>TX</u>	
OLD OR (NEW) (Circle one) <u>NEW</u>							

CONTRACTOR Vol 1
 TYPE OF JOB Shut-in
 HOLE SIZE 12 1/4 T.D. _____
 CASING SIZE 8 5/8 DEPTH 265'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 15.92
 EQUIPMENT _____

OWNER Sam
 CEMENT AMOUNT ORDERED 1756m 390cc
 COMMON 175 @ 17.20 3132.50
 POZMIX @ _____
 GEL @ _____
 CHLORIDE 494 @ 1.10 543.40
 ASC @ _____
 _____ @ _____
Material Total @ _____ 3675.90
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 18.28 @ 2.48 458.24
 MILEAGE 23 @ 12.8.42 1164.50
 TOTAL _____

PUMP TRUCK CEMENTER Alan Ruan
 # 373-2891 HELPER Kevin Ruan
 BULK TRUCK DRIVER Shawn Tatro
 # 810
 BULK TRUCK DRIVER _____
 # _____

REMARKS:

Amalg, Gravel, Mix Cement, Displace Cement
Shut-in

Cement Bid Gravel

Truck
Alan Ruan Shawn Tatro

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

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE 15.122
 EXTRA FOOTAGE @ _____
 MILEAGE 50 @ 7.20 360.00
 MANIFOLD @ _____
50 @ 4.40 220.00
 @ _____

(1017.30/28%) TOTAL 3,710.39

PLUG & FLOAT EQUIPMENT

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

TOTAL _____

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.

SALES TAX (If Any) _____
 TOTAL CHARGES 7,416.29
 DISCOUNT 2,676.56 (28%) IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Robert W. Mickala

Bid 3,339.72 Net.



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 148071
Invoice Date: Jan 8, 2015
Page: 1

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

73550

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	63816	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jan 8, 2015	2/7/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Decker #4-9		
470.00	CEMENT MATERIALS	65/35/6% Gel Blend	19.88	9,343.60
150.00	CEMENT MATERIALS	ASC	23.50	3,525.00
42.00	CEMENT MATERIALS	FL-160	18.90	793.80
22.00	CEMENT MATERIALS	Defoamer	3.50	77.00
750.00	CEMENT MATERIALS	Gilsonite	0.98	735.00
119.00	CEMENT MATERIALS	Flo Seal	2.97	353.43
12.00	CEMENT MATERIALS	WFR-II	58.70	704.40
710.70	CEMENT SERVICE	Cubic Feet Charge	2.48	1,762.54
1,507.10	CEMENT SERVICE	Ton Mileage Charge	2.75	4,144.53
1.00	CEMENT SERVICE	Production -- Bottom Stage	2,765.75	2,765.75
1.00	CEMENT SERVICE	Production -- Top Stage	2,406.25	2,406.25
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	CEMENT SERVICE	Rotating Head	300.00	300.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down	660.00	660.00
1.00	EQUIPMENT SALES	5-1/2 AFU Shoe	545.00	545.00
12.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	684.00
3.00	EQUIPMENT SALES	5-1/2 Basket	395.00	1,185.00

APPROVED JAN 22 2015

PAID JAN 23 2015
CK# 47608
\$ 47,821.14

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

\$ 13,756.11

ONLY IF PAID ON OR BEFORE
Feb 7, 2015

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 148071
Invoice Date: Jan 8, 2015
Page: 2

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	63816	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jan 8, 2015	2/7/15

Quantity	Item	Description	Unit Price	Amount
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Kevin Ryan		
1.00	OPERATOR ASSISTANT	George Grant		
1.00	OPERATOR ASSISTANT	Kevin Weighous		

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

\$ 13,756.11

ONLY IF PAID ON OR BEFORE
Feb 7, 2015

Subtotal	
Sales Tax	
Total Invoice Amount	
Payment/Credit Appl	
TOTAL	

0.00	36,200.30
	1,951.21
	38,151.51
	38,151.51

13,756.11
38,151.51
24,395.40

ALLIED OIL & GAS SERVICES, LLC 063816

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oradley

DATE <u>1/8/15</u>	SEC. <u>9</u>	TWP. <u>17</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 AM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Denkey</u>	WELL # <u>4-9</u>	LOCATION <u>Pence 45 W 0 SW into</u>			COUNTY <u>Griff</u>	STATE <u>TX</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Mad</u>	OWNER <u>Sum</u>
TYPE OF JOB <u>Prod. 2-Stage</u>	CEMENT
HOLE SIZE <u>2 7/8</u> T.D.	AMOUNT ORDERED <u>150 # 1070 2 1/2" 2 1/2" 5 1/2" 6 1/2"</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>4951</u>	<u>2 1/2" 6 1/2" 1 1/2" 1 1/2" 1 1/2" 1 1/2"</u>
TUBING SIZE DEPTH	<u>4 7/8 6 5/8 6 3/8 4 1/2 4 1/2</u>
DRILL PIPE DEPTH	<u>6 5/8 6 3/8</u>
TOOL <u>AV</u> DEPTH <u>2453</u>	COMMON <u>420 #</u> @ <u>19.88</u> <u>9343.60</u>
PRES. MAX MINIMUM	POZMIX @
MEAS. LINE SHOE JOINT	GEL @
CEMENT LEFT IN CSG. <u>420 #</u>	CHLORIDE @
PERFS. <u>584 400 60 60 60</u>	ASC <u>150 3K</u> @ <u>23.50</u> <u>3525.00</u>
DISPLACEMENT <u>top</u> EQUIPMENT	<u>E1160 42</u> @ <u>18.80</u> <u>793.60</u>

PUMP TRUCK CEMENTER <u>Alan Ryan</u>
<u>373-281</u> HELPER <u>Kevin Ryan</u>
BULK TRUCK
<u>891</u> DRIVER <u>George Grant</u>
BULK TRUCK
<u>1009</u> DRIVER <u>Kevin Grant</u>

<u>420 #</u>	@	<u>19.88</u>	<u>9343.60</u>
<u>6 5/8 6 3/8</u>	@		
<u>420 #</u>	@		
<u>POZMIX</u>	@		
<u>GEL</u>	@		
<u>CHLORIDE</u>	@		
<u>ASC 150 3K</u>	@	<u>23.50</u>	<u>3525.00</u>
<u>E1160 42</u>	@	<u>18.80</u>	<u>793.60</u>
<u>Alkoxide 22</u>	@	<u>3.50</u>	<u>77.00</u>
<u>Calcite 750</u>	@	<u>3.08</u>	<u>2310.00</u>
<u>584 400 60 60 60</u>	@		
<u>P10 Seal 119 lb</u>	@	<u>2.92</u>	<u>353.48</u>
<u>WFLD 12 lb</u>	@	<u>18.80</u>	<u>225.60</u>
<u>Material 2500</u>	@		
<u>HANDLING 710</u>	@	<u>2.48</u>	<u>1762.40</u>
<u>MILEAGE 30.142 7000</u>	@		<u>4144.22</u>
<u>(5902.25/383)</u>	TOTAL		

REMARKS:

Run on Circuits, primary, mix 15% weight Truck Displace w/ 16.0-58% 60L
6.01 60L Dis. Prod w/ 1000 PSI, land Pump @ 2000
Open Tool - 800 PSI, Cap. 4 hrs, mix 30% 15% 15% 15%
mix 425 PLW 14 P10 Seal 119 lb, Wash Trunk, Displace
w/ 59 60L 140 w/ 800 PSI, 15% 15% 15% 15%
Tool Closed
Cement Did Circuits

SERVICE TOP Stage 2406.25

DEPTH OF JOB <u>4951</u>		
PUMP TRUCK CHARGE <u>2765.25</u>		
EXTRA FOOTAGE @		
MILEAGE <u>50</u> @ <u>7.70</u> <u>385.00</u>		
MANIFOLD <u>Head</u> @ <u>27.50</u> <u>275.00</u>		
<u>Circ. Mileage</u> @ <u>4.20</u> <u>220.00</u>		
<u>Bottery Head</u> @ <u>3.00</u> <u>300.00</u>		
<u>(4658.44/383)</u>	TOTAL	<u>12,209.01</u>

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

PLUG & FLOAT EQUIPMENT

<u>AV</u>	1 @	<u>533.50</u>
<u>latch down</u>	1 @	<u>660.00</u>
<u>AV 6 bar</u>	1 @	<u>545.00</u>
<u>Control 2.51</u>	12 @	<u>57.00</u> <u>684.00</u>
<u>Boobys</u>	3 @	<u>395.00</u> <u>1185.00</u>
<u>(3195.42/383)</u>	TOTAL	<u>9,409.00</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.

SALES TAX (If Any) _____
 TOTAL CHARGES 30,200.20
 DISCOUNT 13,756.11 (383) IF PAID IN 30 DAYS

PRINTED NAME John Walker

SIGNATURE [Signature]

22,444.18 Net.



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources**

1616 S Voss rd ste 600
Houston, Tx 77057

ATTN: Terry McLeod

Decker #4-9

9-17s-34w Scott,KS

Start Date: 2015.01.04 @ 16:31:27

End Date: 2015.01.05 @ 02:09:57

Job Ticket #: 59678 DST #: 1

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

Printed: 2015.01.09 @ 09:38:21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources
1616 S Voss rd ste 600
Houston, Tx 77057
ATTN: Terry McLeod

9-17s-34w Scott,KS
Decker #4-9
Job Ticket: 59678 **DST#: 1**
Test Start: 2015.01.04 @ 16:31:27

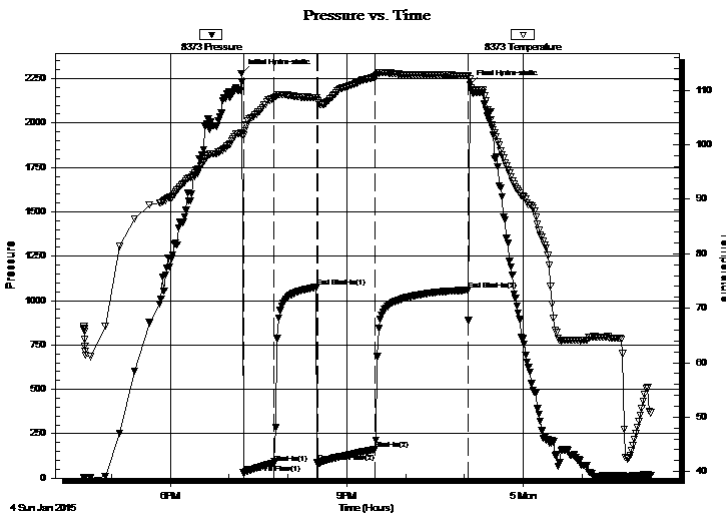
GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:14:27
Time Test Ended: 02:09:57
Interval: **4477.00 ft (KB) To 4535.00 ft (KB) (TVD)**
Total Depth: 4535.00 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: 3142.00 ft (KB)
3132.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press@RunDepth: 162.55 psig @ 4482.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.01.04 End Date: 2015.01.05 Last Calib.: 2015.01.05
Start Time: 16:31:32 End Time: 02:09:57 Time On Btm: 2015.01.04 @ 19:12:27
Time Off Btm: 2015.01.04 @ 23:05:27

TEST COMMENT: IF: BOB in 19 min.
IS: Surface blow built to 2"
FF: BOB in 21 min.
FS: Surface blow built to 6"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2280.23	102.22	Initial Hydro-static
2	29.11	101.79	Open To Flow (1)
33	84.78	108.61	Shut-In(1)
77	1075.75	108.70	End Shut-In(1)
78	88.96	108.05	Open To Flow (2)
137	162.55	112.54	Shut-In(2)
231	1059.35	112.69	End Shut-In(2)
233	2217.97	112.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	gocm 5%g10%o 85%m	1.74
217.00	go 5%g 95%o	3.04

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources
1616 S Voss rd ste 600
Houston, Tx 77057
ATTN: Terry McLeod

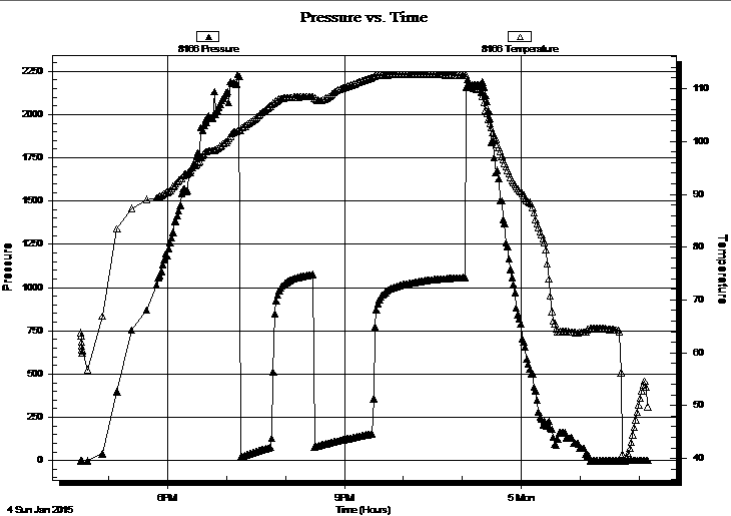
9-17s-34w Scott, KS
Decker #4-9
Job Ticket: 59678 **DST#: 1**
Test Start: 2015.01.04 @ 16:31:27

GENERAL INFORMATION:

Formation:	Marmaton		Test Type:	Conventional Bottom Hole (Initial)
Deviated:	No Whipstock:	ft (KB)	Tester:	Brandon Turley
Time Tool Opened:	19:14:27		Unit No:	60
Time Test Ended:	02:09:57			
Interval:	4477.00 ft (KB) To 4535.00 ft (KB) (TVD)		Reference Elevations:	3142.00 ft (KB)
Total Depth:	4535.00 ft (KB) (TVD)			3132.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition: Good	KB to GR/CF:	10.00 ft

Serial #: 8166	Outside			
Press@RunDepth:	psig @	4482.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2015.01.04	End Date:	2015.01.05	Last Calib.: 2015.01.05
Start Time:	16:31:31	End Time:	02:09:26	Time On Btm:
				Time Off Btm:

TEST COMMENT: IF: BOB in 19 min.
IS: Surface blow built to 2"
FF: BOB in 21 min.
FS: Surface blow built to 6"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
124.00	gocm 5%g10%o 85%m	1.74
217.00	go 5%g 95%o	3.04

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources

9-17s-34w Scott,KS

1616 S Voss rd ste 600
Houston, Tx 77057

Decker #4-9

Job Ticket: 59678

DST#: 1

ATTN: Terry McLeod

Test Start: 2015.01.04 @ 16:31:27

Tool Information

Drill Pipe:	Length: 4469.00 ft	Diameter: 3.80 inches	Volume: 62.69 bbl	Tool Weight: 2000.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 62.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4477.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	80.00 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			4460.00	
Shut In Tool	5.00			4465.00	
Hydraulic tool	5.00			4470.00	
Safety Joint	2.00			4472.00	
Packer	5.00			4477.00	18.00 Bottom Of Top Packer
Packer - Shale	4.00			4481.00	
Stubb	1.00			4482.00	
Recorder	0.00	8373	Inside	4482.00	
Recorder	0.00	8166	Outside	4482.00	
Perforations	19.00			4501.00	
Change Over Sub	1.00			4502.00	
Drill Pipe	31.00			4533.00	
Change Over Sub	1.00			4534.00	
Bullnose	5.00			4539.00	62.00 Anchor Tool

Total Tool Length: 80.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources

9-17s-34w Scott,KS

1616 S Voss rd ste 600
Houston, Tx 77057

Decker #4-9

Job Ticket: 59678

DST#: 1

ATTN: Terry McLeod

Test Start: 2015.01.04 @ 16:31:27

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

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
124.00	gocm 5%g10%o 85%m	1.739
217.00	go 5%g 95%o	3.044

Total Length: 341.00 ft Total Volume: 4.783 bbl

Num Fluid Samples: 0

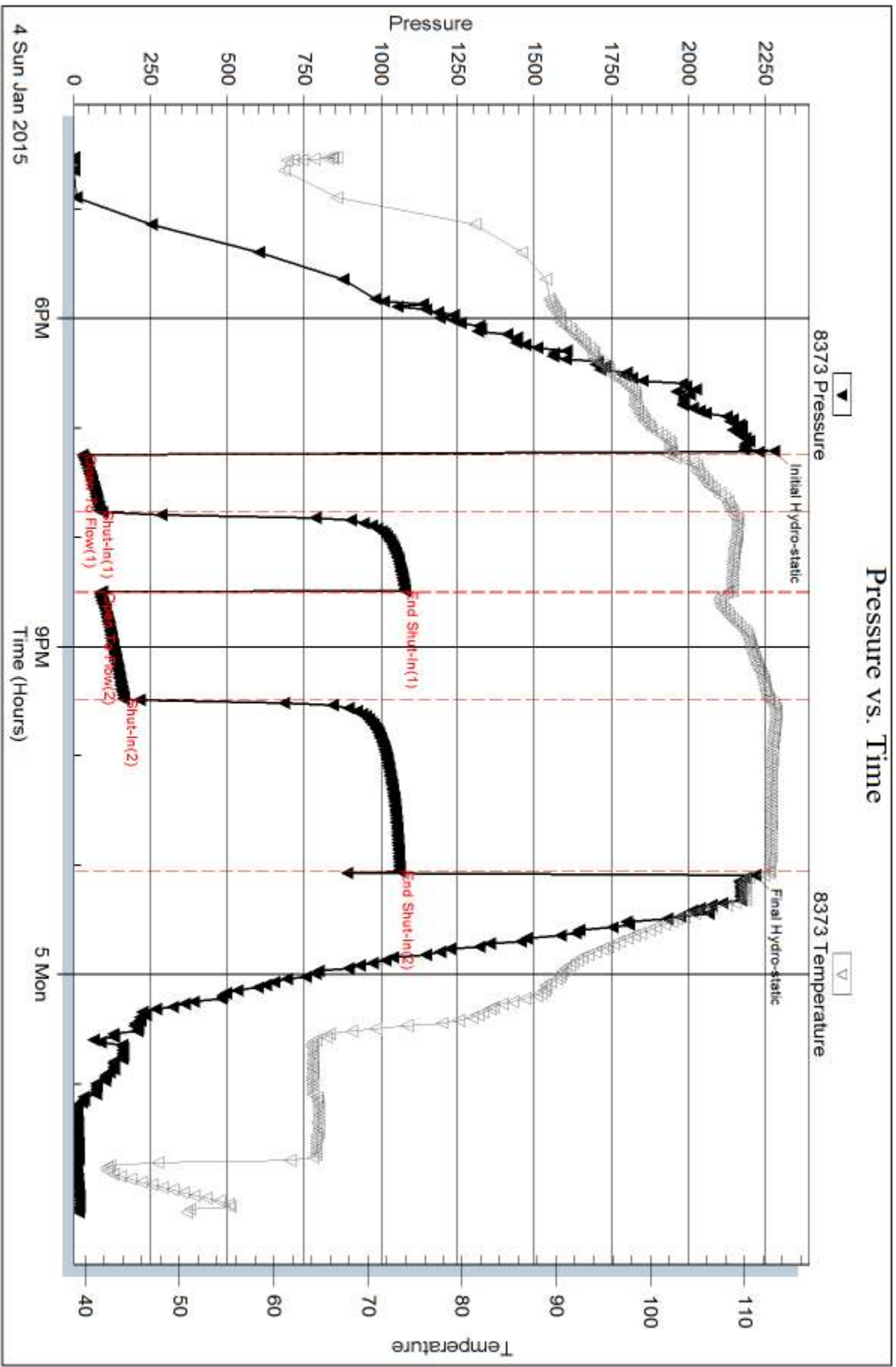
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 24@10=29

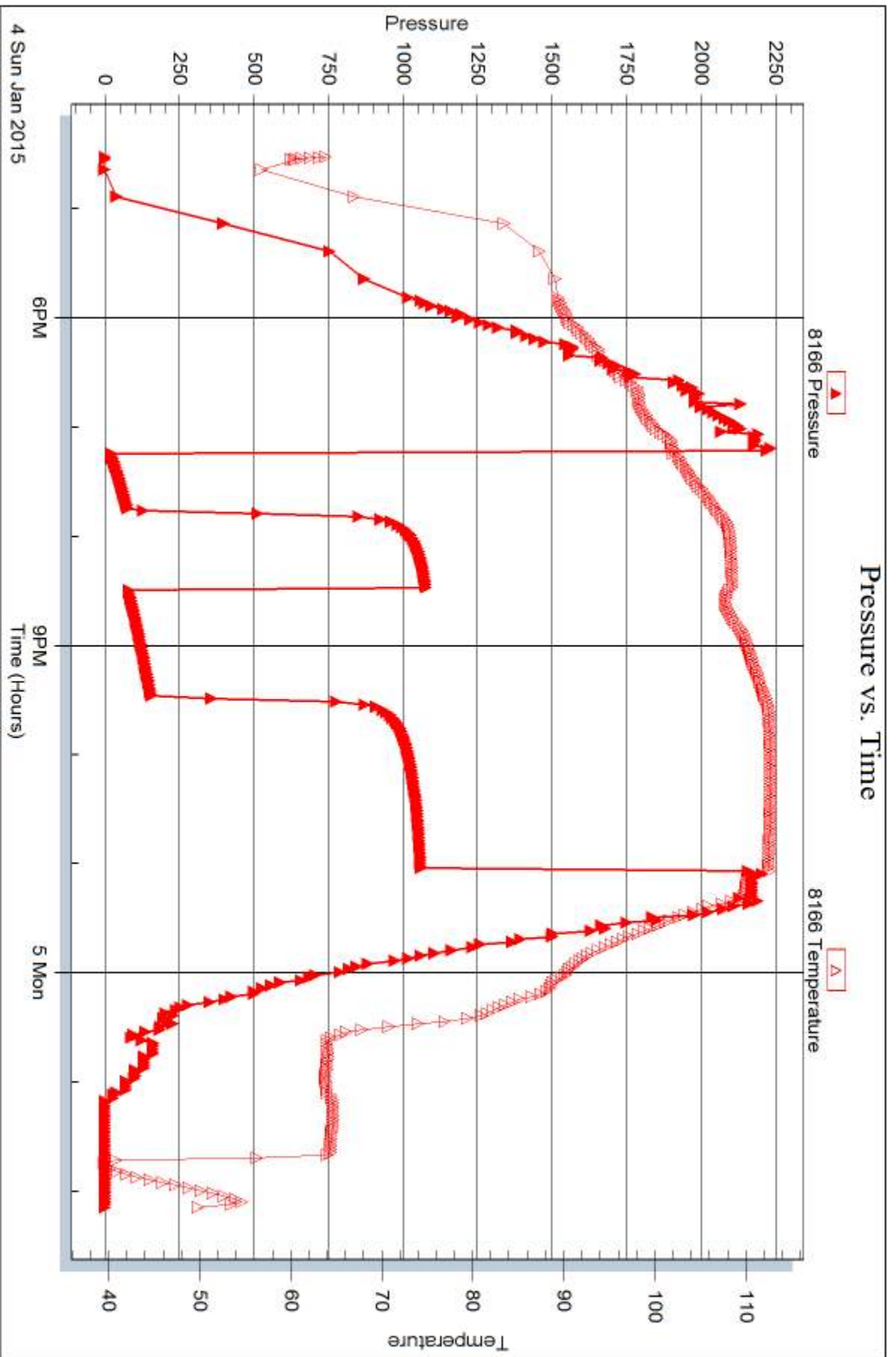


Serial #: 8166

Outside Landmark Resources

Decker #4-9

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59678

Printed: 2015.01.09 @ 09:38:22



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources**

1616 S Voss rd ste 600
Houston, Tx 77057

ATTN: Terry McLeod

Decker #4-9

9-17s-34w Scott,KS

Start Date: 2015.01.05 @ 13:35:53

End Date: 2015.01.05 @ 20:40:23

Job Ticket #: 59679 DST #: 2

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

Printed: 2015.01.09 @ 09:37:56



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources
1616 S Voss rd ste 600
Houston, Tx 77057
ATTN: Terry McLeod

9-17s-34w Scott, KS
Decker #4-9
Job Ticket: 59679 **DST#: 2**
Test Start: 2015.01.05 @ 13:35:53

GENERAL INFORMATION:

Formation: **Altamont**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:01:53
Time Test Ended: 20:40:23

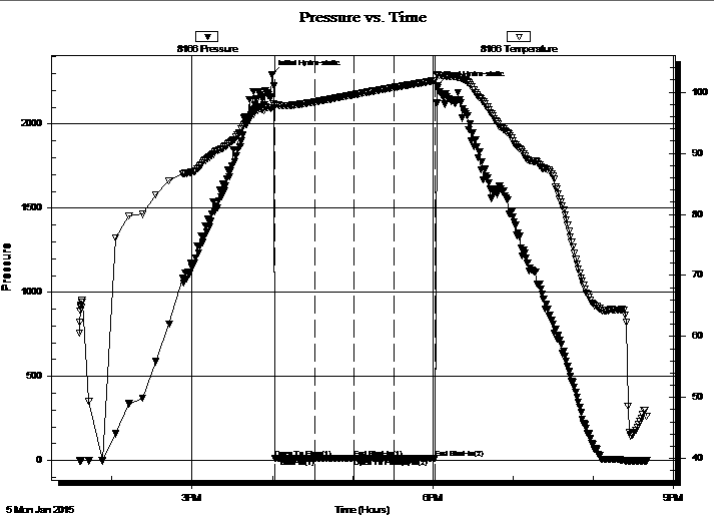
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60

Interval: 4538.00 ft (KB) To 4560.00 ft (KB) (TVD)
Total Depth: 4560.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3142.00 ft (KB)
3132.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8166 Outside
Press@RunDepth: 12.95 psig @ 4543.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.01.05 End Date: 2015.01.05 Last Calib.: 2015.01.05
Start Time: 13:35:58 End Time: 20:40:22 Time On Btm: 2015.01.05 @ 15:59:53
Time Off Btm: 2015.01.05 @ 18:03:23

TEST COMMENT: IF: 1/4" blow died in 10 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2295.48	97.51	Initial Hydro-static
2	13.09	97.85	Open To Flow (1)
32	13.17	98.42	Shut-In(1)
61	14.66	99.60	End Shut-In(1)
62	12.85	99.62	Open To Flow (2)
91	12.95	100.79	Shut-In(2)
122	14.07	101.91	End Shut-In(2)
124	2227.56	102.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.07

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources
 1616 S Voss rd ste 600
 Houston, Tx 77057
 ATTN: Terry McLeod

9-17s-34w Scott,KS

Decker #4-9

Job Ticket: 59679

DST#: 2

Test Start: 2015.01.05 @ 13:35:53

GENERAL INFORMATION:

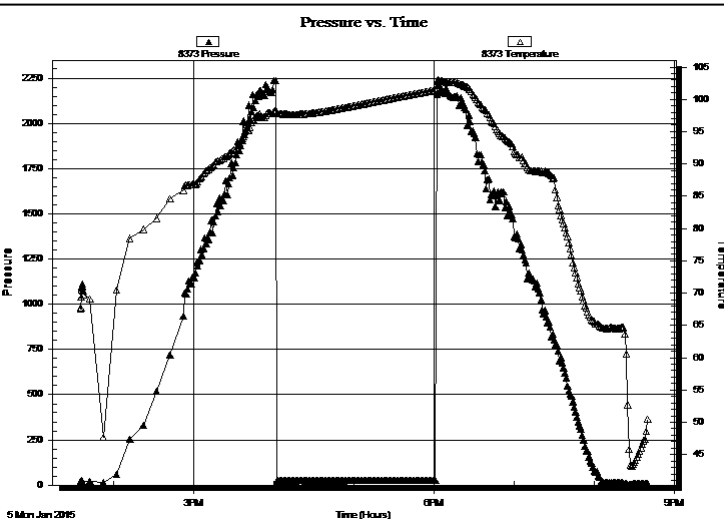
Formation: Altamont			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 16:01:53		Tester: Brandon Turley	
Time Test Ended: 20:40:23		Unit No: 60	
Interval: 4538.00 ft (KB) To 4560.00 ft (KB) (TVD)		Reference Elevations: 3142.00 ft (KB)	
Total Depth: 4560.00 ft (KB) (TVD)		3132.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 10.00 ft	

Serial #: 8373

Inside

Press@RunDepth: psig @ 4543.00 ft (KB)	Capacity: 8000.00 psig	
Start Date: 2015.01.05	End Date: 2015.01.05	Last Calib.: 2015.01.05
Start Time: 13:35:06	End Time: 20:40:00	Time On Btm:
		Time Off Btm:

TEST COMMENT: IF: 1/4" blow died in 10 min.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources

9-17s-34w Scott,KS

1616 S Voss rd ste 600
Houston, Tx 77057

Decker #4-9

Job Ticket: 59679

DST#: 2

ATTN: Terry McLeod

Test Start: 2015.01.05 @ 13:35:53

Tool Information

Drill Pipe:	Length: 4530.00 ft	Diameter: 3.80 inches	Volume: 63.54 bbl	Tool Weight: 2000.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 63.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4538.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	44.00 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			4521.00	
Shut In Tool	5.00			4526.00	
Hydraulic tool	5.00			4531.00	
Safety Joint	2.00			4533.00	
Packer	5.00			4538.00	18.00 Bottom Of Top Packer
Packer - Shale	4.00			4542.00	
Stubb	1.00			4543.00	
Recorder	0.00	8373	Inside	4543.00	
Recorder	0.00	8166	Outside	4543.00	
Perforations	16.00			4559.00	
Bullnose	5.00			4564.00	26.00 Anchor Tool

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources

9-17s-34w Scott,KS

1616 S Voss rd ste 600
Houston, Tx 77057

Decker #4-9

Job Ticket: 59679

DST#: 2

ATTN: Terry McLeod

Test Start: 2015.01.05 @ 13:35:53

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

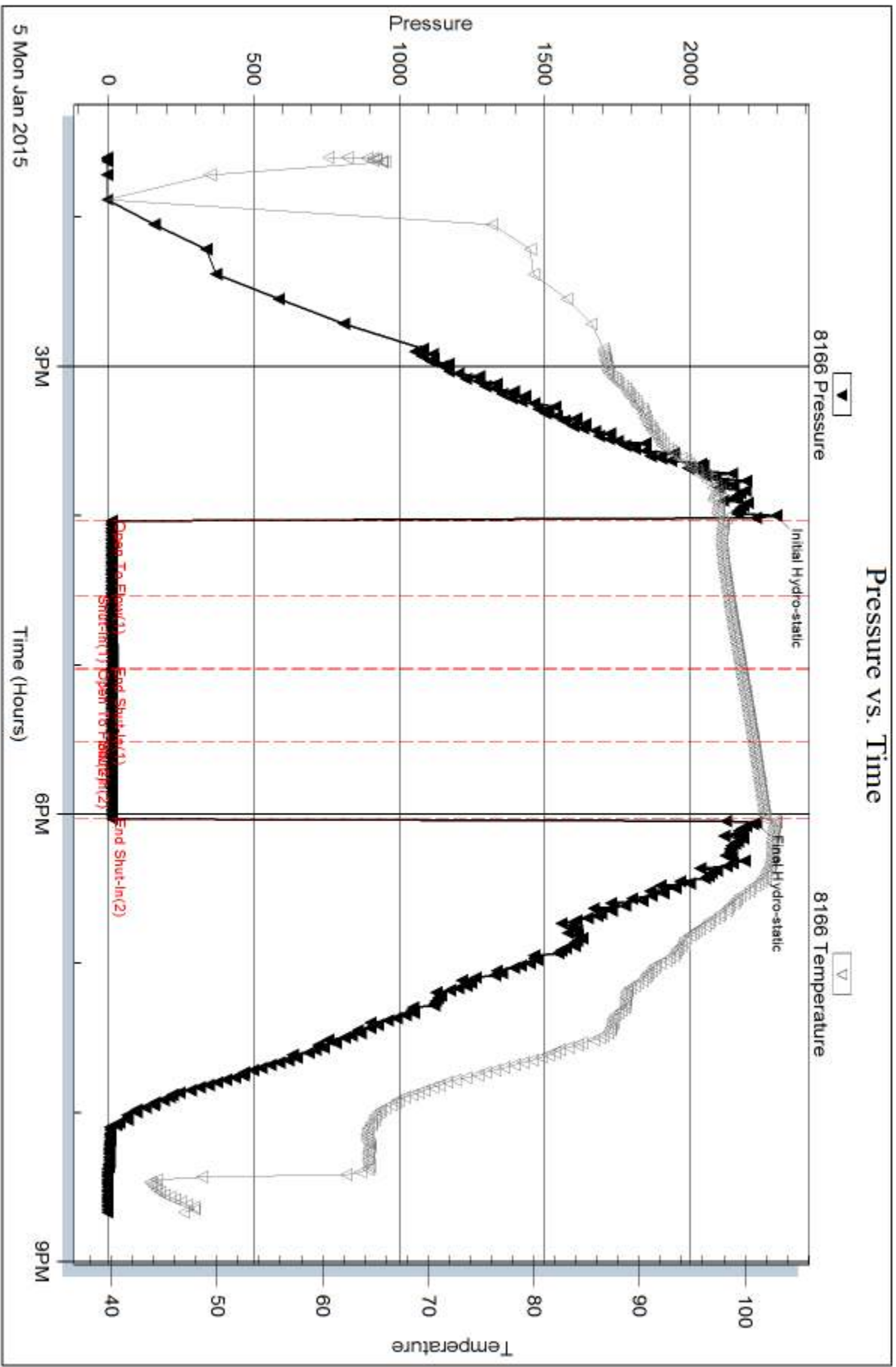
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



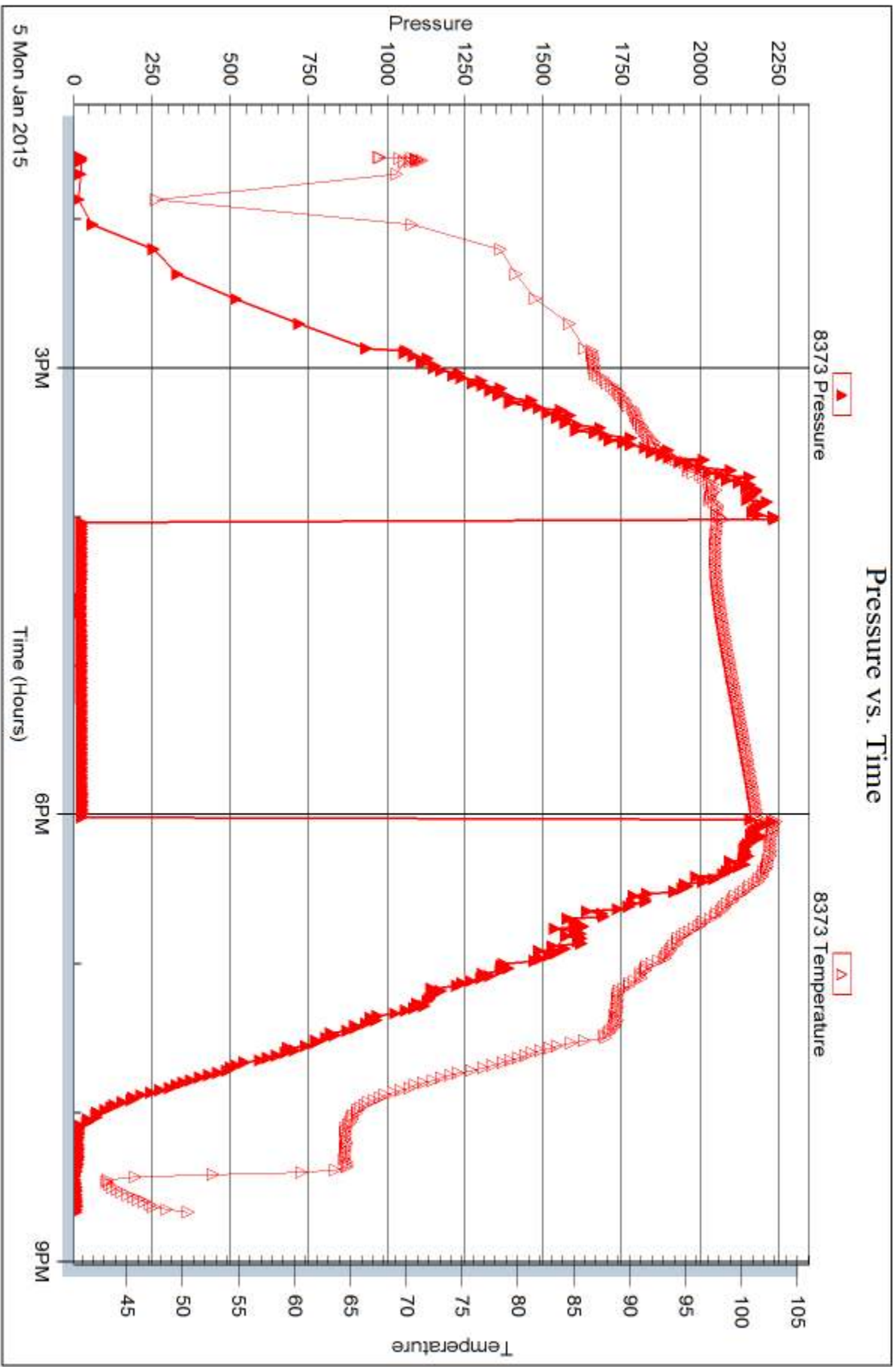
Serial #: 8373

Inside

Landmark Resources

Decker #4-9

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59679

Printed: 2015.01.09 @ 09:37:57



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources**

1616 S Voss rd ste 600
Houston, Tx 77057

ATTN: Terry McLeod

Decker #4-9

9-17s-34w Scott,KS

Start Date: 2015.01.07 @ 01:22:07

End Date: 2015.01.07 @ 09:52:07

Job Ticket #: 59680 DST #: 3

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

Printed: 2015.01.09 @ 09:37:12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources
1616 S Voss rd ste 600
Houston, Tx 77057
ATTN: Terry McLeod

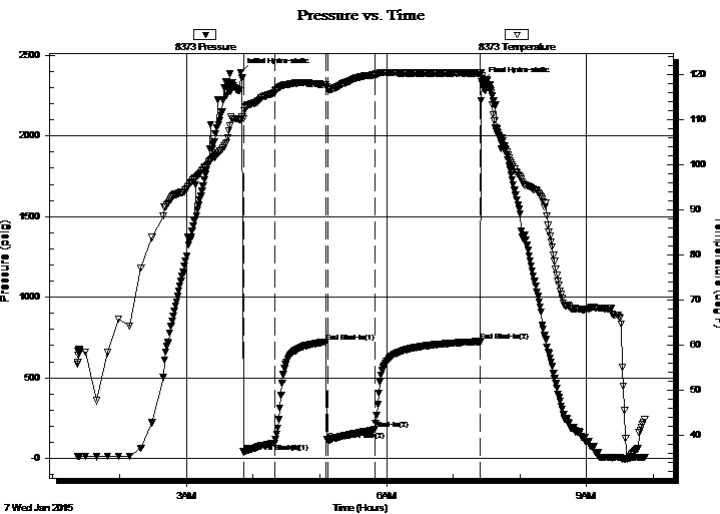
9-17s-34w Scott,KS
Decker #4-9
Job Ticket: 59680 **DST#: 3**
Test Start: 2015.01.07 @ 01:22:07

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:51:07
Time Test Ended: 09:52:07
Interval: **4735.00 ft (KB) To 4785.00 ft (KB) (TVD)**
Total Depth: 4785.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 3142.00 ft (KB)
3132.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 **Inside**
Press@RunDepth: 179.28 psig @ 4740.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.01.07 End Date: 2015.01.07 Last Calib.: 2015.01.07
Start Time: 01:22:12 End Time: 09:52:06 Time On Btm: 2015.01.07 @ 03:49:07
Time Off Btm: 2015.01.07 @ 07:25:37

TEST COMMENT: IF: BOB in 12 min.
IS: BOB in 30 min.
FF: BOB in 12 min.
FS: BOB in 25 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2394.20	110.18	Initial Hydro-static
2	40.44	110.25	Open To Flow (1)
30	94.75	115.98	Shut-In(1)
77	723.43	117.77	End Shut-In(1)
79	112.49	116.79	Open To Flow (2)
120	179.28	119.99	Shut-In(2)
216	725.43	120.40	End Shut-In(2)
217	2338.22	119.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcgo 40%g 40%o 20%m	1.74
124.00	mcgo 30%g 60%o 10%m	1.74
155.00	mcgo 5%g 55%o 40%m	2.17
0.00	1023 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources
1616 S Voss rd ste 600
Houston, Tx 77057
ATTN: Terry McLeod

9-17s-34w Scott,KS

Decker #4-9

Job Ticket: 59680

DST#: 3

Test Start: 2015.01.07 @ 01:22:07

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:51:07

Time Test Ended: 09:52:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: 4735.00 ft (KB) To 4785.00 ft (KB) (TVD)

Total Depth: 4785.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3142.00 ft (KB)

3132.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8166 Outside

Press@RunDepth: psig @ 4740.00 ft (KB)

Start Date: 2015.01.07

End Date:

2015.01.07

Start Time: 01:22:36

End Time:

09:52:00

Capacity: 8000.00 psig

Last Calib.:

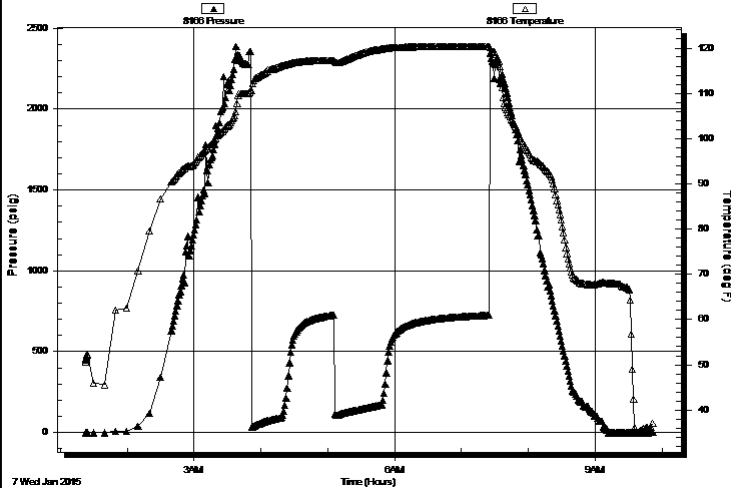
2015.01.07

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB in 12 min.
IS: BOB in 30 min.
FF: BOB in 12 min.
FS: BOB in 25 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
-------------	-----------------	--------------	------------

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcgo 40%g 40%o 20%m	1.74
124.00	mcgo 30%g 60%o 10%m	1.74
155.00	mcgo 5%g 55%o 40%m	2.17
0.00	1023 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources

9-17s-34w Scott,KS

1616 S Voss rd ste 600
Houston, Tx 77057

Decker #4-9

Job Ticket: 59680

DST#: 3

ATTN: Terry McLeod

Test Start: 2015.01.07 @ 01:22:07

Tool Information

Drill Pipe:	Length: 4727.00 ft	Diameter: 3.80 inches	Volume: 66.31 bbl	Tool Weight: 2000.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 66.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4735.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4718.00	
Shut In Tool	5.00			4723.00	
Hydraulic tool	5.00			4728.00	
Safety Joint	2.00			4730.00	
Packer	5.00			4735.00	18.00 Bottom Of Top Packer
Packer - Shale	4.00			4739.00	
Stubb	1.00			4740.00	
Recorder	0.00	8373	Inside	4740.00	
Recorder	0.00	8166	Outside	4740.00	
Perforations	11.00			4751.00	
Change Over Sub	1.00			4752.00	
Drill Pipe	31.00			4783.00	
Change Over Sub	1.00			4784.00	
Bullnose	5.00			4789.00	54.00 Anchor Tool

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources

9-17s-34w Scott,KS

1616 S Voss rd ste 600
Houston, Tx 77057

Decker #4-9

Job Ticket: 59680

DST#: 3

ATTN: Terry McLeod

Test Start: 2015.01.07 @ 01:22:07

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 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 bbbl
124.00	mcgo 40%g 40%o 20%m	1.739
124.00	mcgo 30%g 60%o 10%m	1.739
155.00	mcgo 5%g 55%o 40%m	2.174
0.00	1023 GIP	0.000

Total Length: 403.00 ft

Total Volume: 5.652 bbl

Num Fluid Samples: 0

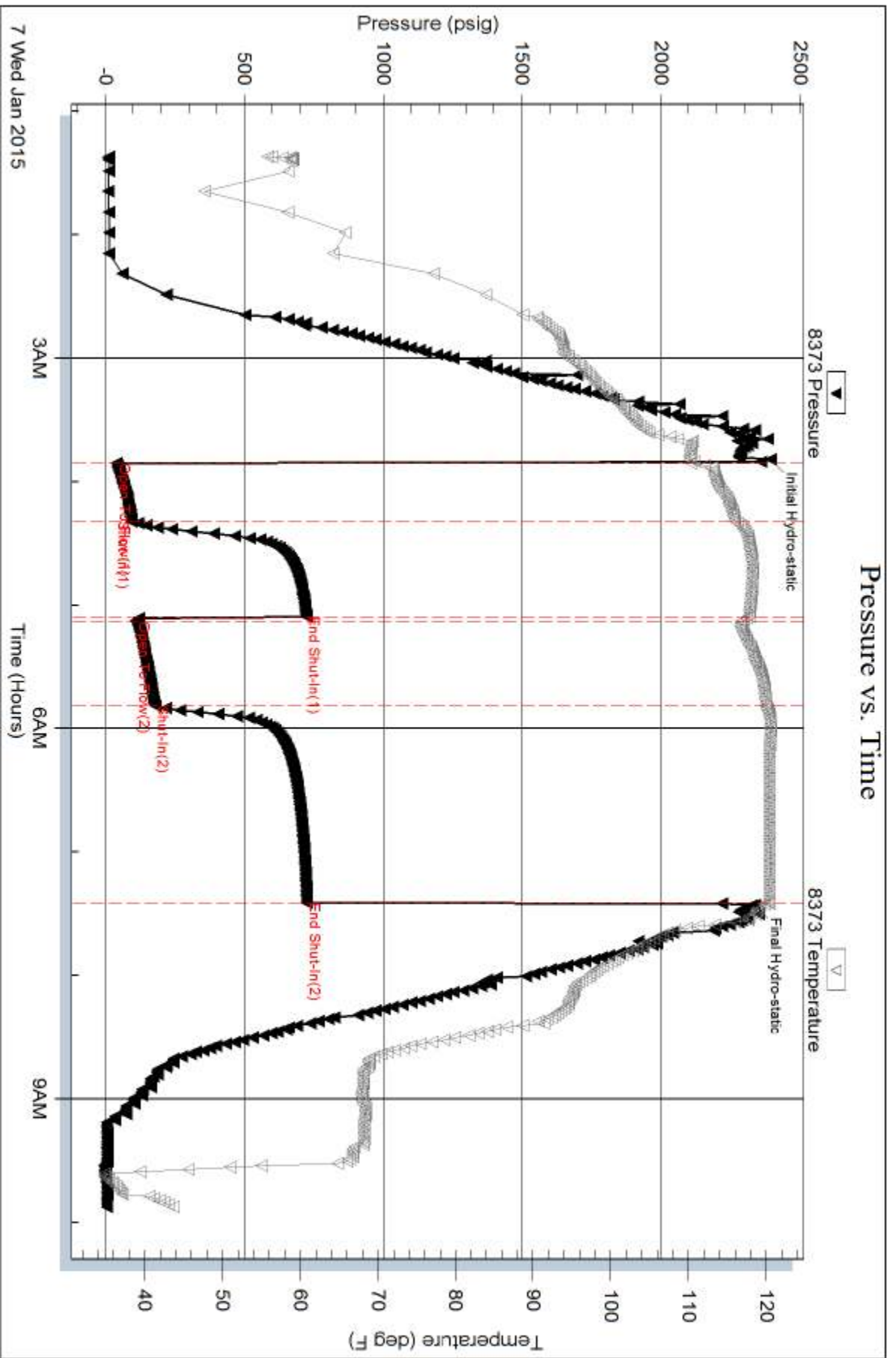
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

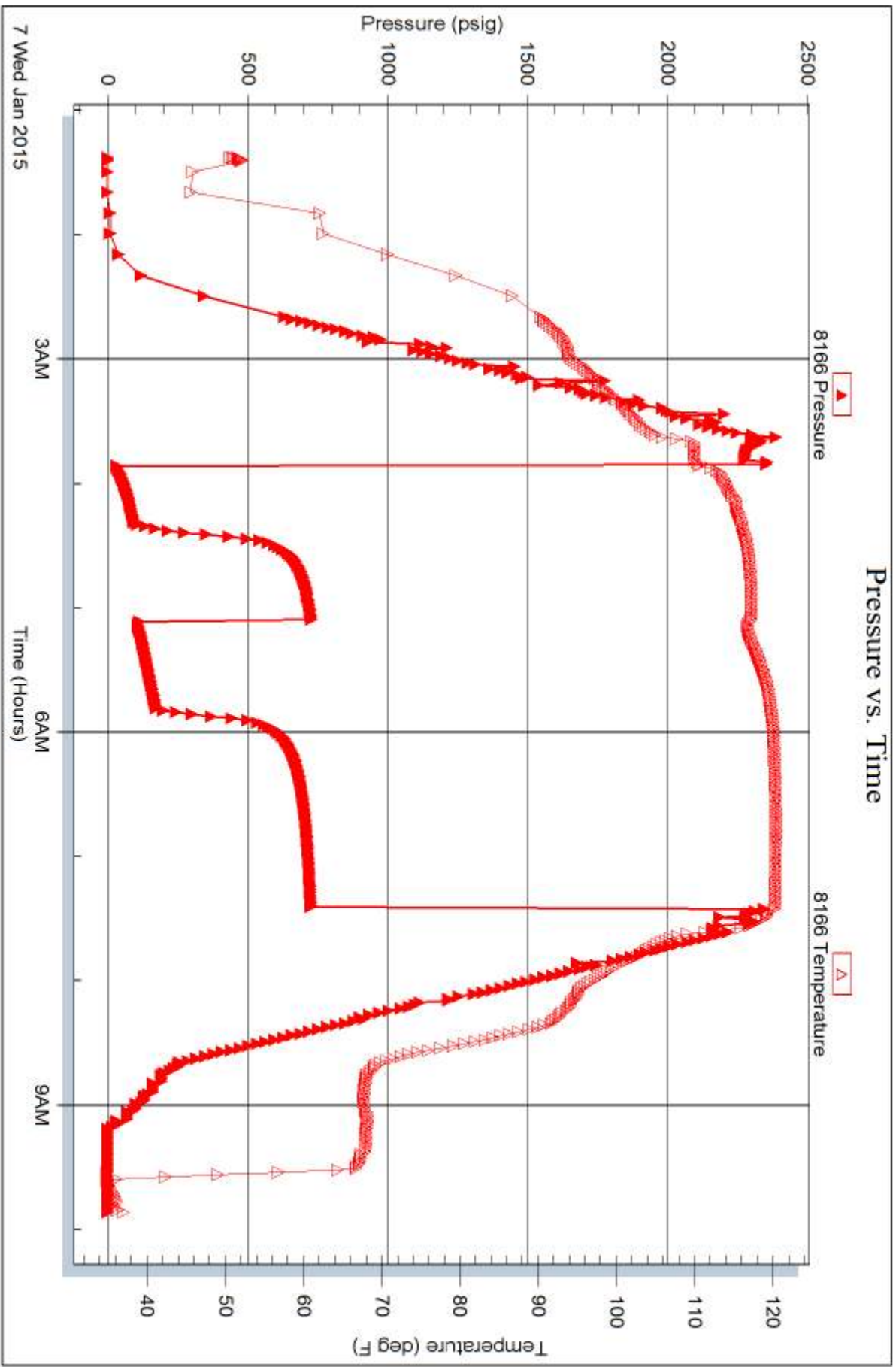


Serial #: 8166

Outside Landmark Resources

Decker #4-9

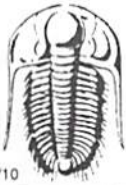
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59680

Printed: 2015.01.09 @ 09:37:14



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59678

4/10

Well Name & No. Decker 4-9 Test No. 1 Date 1-4-15
 Company Landmark Resources Elevation 3142 KB 3132 GL
 Address 1616 S Voss Rd Ste 600 Houston, TX 77057
 Co. Rep / Geo. Terry McLeod Rig U81 #1
 Location: Sec. 9 Twp. 17 Rge. 34 Co. Scott State KS

Interval Tested 4477 4535 Zone Tested Marmaton
 Anchor Length 58 Drill Pipe Run 4469 Mud Wt. 9.4
 Top Packer Depth 4472 Drill Collars Run — Vis 54
 Bottom Packer Depth 4477 Wt. Pipe Run — WL 10.4
 Total Depth 4535 Chlorides 4000 ppm System LCM 2

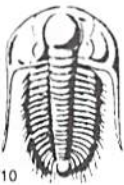
Blow Description IF: BoB in 19 min.
IS: surface blow built to 2.
FF: BoB in 21 min.
ES: Surface blow built to 6.

Rec	Feet of	%gas	%oil	%water	%mud
<u>217</u>	<u>90</u>	<u>5</u>	<u>95</u>		
<u>124</u>	<u>90cm</u>	<u>5</u>	<u>10</u>		<u>85</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 341 BHT 112 Gravity 29 API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2280 Test 1150 T-On Location 14:12
 (B) First Initial Flow 29 Jars — T-Started 16:31
 (C) First Final Flow 84 Safety Joint 75 T-Open 19:13
 (D) Initial Shut-In 1075 Circ Sub NIC T-Pulled 22:58
 (E) Second Initial Flow 88 Hourly Standby 1.25h 100 T-Out 2:10
 (F) Second Final Flow 162 Mileage 44-44 Comments ON bank At
 (G) Final Shut-In 1059 Sampler — 3:00pm
 (H) Final Hydrostatic 2217 Straddle —
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Initial Open 30 Shale Packer 250
 Initial Shut-In 45 Extra Packer —
 Final Flow 60 Extra Recorder —
 Final Shut-In 90 Day Standby —
 Accessibility —
 Sub Total 1619 MP/DST Disc't —

Approved By Terry McLeod Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59679

Well Name & No. Decker 4-9 Test No. 2 Date 1-5-15
 Company Landmark Resources Elevation 3142 KB 3132 GL
 Address _____
 Co. Rep / Geo. Ferry McLeod Rig U#1 #1
 Location: Sec. 9 Twp. 17 Rge. 34 Co. Scott State KS

Interval Tested 4538 4560 Zone Tested Altamont
 Anchor Length 22 Drill Pipe Run 4530 Mud Wt. 9.2
 Top Packer Depth 4533 Drill Collars Run — Vis 53
 Bottom Packer Depth 4538 Wt. Pipe Run — WL 8.8
 Total Depth 4560 Chlorides 3500 ppm System LCM 2

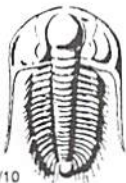
Blow Description IF: 1/4 blow died in 10 min.
IS: No return,
FF: No blow.
FS: No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</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 5 BHT 101 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2295 Test 1150 T-On Location 12:00
 (B) First Initial Flow 13 Jars _____ T-Started 13:35
 (C) First Final Flow 13 Safety Joint 75 T-Open 16:00
 (D) Initial Shut-In 14 Circ Sub NIL T-Pulled 18:00
 (E) Second Initial Flow 12 Hourly Standby 1-100.00 T-Out 20:40
 (F) Second Final Flow 12 Mileage 44 44 Comments on the bank at
 (G) Final Shut-In 14 Sampler _____ 12:30
 (H) Final Hydrostatic 2227 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1519
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1519

Approved By Jerry McLeod Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59680

Well Name & No. Decker 4-9 Test No. 3 Date 1-7-15
 Company Landmark Resources Elevation 3142 KB 3132 GL
 Address _____
 Co. Rep / Geo. Ferry McLeod Rig V-91 #1
 Location: Sec. 9 Twp. 17 Rge. 34 Co. Scott State KS

Interval Tested 4735 4785 Zone Tested Johnson
 Anchor Length _____ 50 Drill Pipe Run 4727 Mud Wt. 9.3
 Top Packer Depth _____ 4730 Drill Collars Run _____ Vis 56
 Bottom Packer Depth _____ 4735 Wt. Pipe Run _____ WL 9.6
 Total Depth _____ 4785 Chlorides 4500 ppm System LCM 2

Blow Description IF: BoB in 12 min.
IS: BoB in 30 min.
FF: BoB in 12 min.
FS: BoB in 25 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>155</u>	<u>MC90</u>	<u>5</u>	<u>55</u>	<u>40</u>	
<u>124</u>	<u>MC90</u>	<u>30</u>	<u>60</u>	<u>10</u>	
<u>124</u>	<u>MC90</u>	<u>40</u>	<u>40</u>	<u>20</u>	
	<u>1023 GIP</u>				

Rec Total 403 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2394 Test 1150 T-On Location DO:50
 (B) First Initial Flow 40 Jars _____ T-Started 1:22
 (C) First Final Flow 94 Safety Joint 75 T-Open 3:50
 (D) Initial Shut-In 723 Circ Sub NIC T-Pulled 7:20
 (E) Second Initial Flow 112 Hourly Standby _____ T-Out 9:52
 (F) Second Final Flow 179 Mileage 44 44 Comments _____
 (G) Final Shut-In ~~723~~ 725 Sampler _____
 (H) Final Hydrostatic 2338 Straddle _____ Ruined Shale Packer 350
 Shale Packer 250 Ruined Packer _____
 Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 141.67+350
 Final Flow ~~45~~ 45 Day Standby 1d 4.25h Total 2010.67
 Final Shut-In 90 Accessibility _____ MP/DST Disc't _____
 Sub Total 1519

Approved By July L. Minter Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



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

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

June 08, 2015

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

Re: ACO-1
API 15-171-21118-00-00
Decker 4-9
NE/4 Sec.09-17S-34W
Scott County, Kansas

Dear Jeff Wood:

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 12/23/2014 and the ACO-1 was received on June 05, 2015 (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