

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1251130
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: _____

1251130

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

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

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

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

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

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

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: 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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Wilkinson 1-15
Doc ID	1251130

All Electric Logs Run

Microresistivity
Dual Induction
Dual Compensated Porosity
Borehole Compensated Sonic

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Wilkinson 1-15
Doc ID	1251130

Tops

Name	Top	Datum
Anhydrite	2435	698
B/Anydrite	2453	680
Topeka	3770	-637
Heebner	4011	-878
Toronto	4028	-895
Lansing	4056	-923
C	4095	-962
D	4107	-974
E	4158	-1025
F	4166	-1033
G	4177	-1044
Munice Creek	4245	-1112
H	4254	-1121
I	4283	-1150
J	4317	-1184
Stark Shale	4348	-1215
K	4358	-1225
L	4412	-1279
BKC	4450	-1317
Marmaton	4508	-1375
Altamont	4538	-1405
Pawnee	4585	-1452
Myrick Station	4623	-1490
Fort Scott	4638	-1505

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Wilkinson 1-15
Doc ID	1251130

Tops

Name	Top	Datum
Cherokee	4665	-1532
Johnson Zone	4713	-1580
Morrow Shale	4793	-1660
Up Morrow Sd	4883	-1750
Missippian	4918	-1785



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 148404
Invoice Date: Jan 27, 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

APPROVED FEB 11 2015

Customer ID	Field Ticket #	Payment Terms	
Land	64812	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 27, 2015	2/26/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Wilkinson #1-15		
200.00	CEMENT MATERIALS	Class A Common	17.90	3,580.00
564.00	CEMENT MATERIALS	Chloride	1.10	620.40
210.00	CEMENT SERVICE	Cubic Feet Charge	2.48	520.80
387.20	CEMENT SERVICE	Ton Mileage Charge	2.75	1,064.80
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	EQUIPMENT OPERATOR	Wayne McGhghy		

71730

PAID FEB 11 2015
CK# 47754
\$ 10,886.13

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

\$ 2,417.17

ONLY IF PAID ON OR BEFORE
Feb 26, 2015

Subtotal	0 *	8,057.25
Sales Tax		342.33
Total Invoice Amount	8,399.58 +	8,399.58
Payment/Credit Appli	2,417.17 -	
TOTAL	000	8,399.58

5,982.41 +

ALLIED OIL & GAS SERVICES, LLC 064812

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley KS

DATE <u>1-27-15</u>	SEC. <u>15</u>	TWP. <u>17</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>11:00am.</u>	JOB START <u>12:00pm</u>	JOB FINISH <u>12:30pm</u>
LEASE <u>Wilkinson</u>	WELL # <u>1-15</u>	LOCATION <u>Pence Cherokee Rd 5 S,</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		Straight E into					

CONTRACTOR Wal 1 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 2167' CEMENT AMOUNT ORDERED 200 sks Com 3' LCC

CASING SIZE 8 5/8 DEPTH 2160'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 200sk @ 17.90 3580.00

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. 15' GEL @

PERFS. CHLORIDE 564 # @ 1.10 620.40

DISPLACEMENT 16 bbl H₂O ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Paul Beaver

431 HELPER Brandon Wilkinson

BULK TRUCK

818/287 DRIVER Wayne Mighy

BULK TRUCK

DRIVER

REMARKS:

mix 200 sks Com 3' LCC

Displace w/ water

cement did circ.

(5 bbl to pit)

*Thank You!
Paul + Crews*

CHARGE TO: Landmark

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 _____

SIGNATURE Robert W. M

CEMENT AMOUNT ORDERED 200 sks Com 3' LCC

COMMON 200sk @ 17.90 3580.00

POZMIX @

GEL @

CHLORIDE 564 # @ 1.10 620.40

ASC @

@

Material total @ 4,200.40

@

(1260.40/30%)

@

@

@

@

HANDLING 210 ft^s @ 2.48 520.80

MILEAGE 2.68 tons x 40 mi x 2.75 1064.80

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMPTRUCK CHARGE 1512.25

EXTRA FOOTAGE @

MILEAGE MLV 40 @ 7.70 308.00

MANIFOLD swedge @ 275.00

MLV 40 @ 4.40 176.00

@

(1152.05/30%) TOTAL 3,216.25

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 8,057.25

DISCOUNT 2,411.17 (30%) IF PAID IN 30 DAYS

5646.07 Net.



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 148493
Invoice Date: Feb 6, 2015
Page: 1

Federal Tax I.D.#: 20-8651475

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

73550

APPROVED FEB 19 2015

Customer ID	Field Ticket #	Payment Terms	
Land	64816	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Feb 6, 2015	3/8/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Wilkinson #1-15		
150.00	CEMENT MATERIALS	ASC	23.50	3,525.00
515.00	CEMENT MATERIALS	65/35/6% Gel Blend	19.88	10,238.20
129.00	CEMENT MATERIALS	Flo Seal	2.97	383.13
750.00	CEMENT MATERIALS	Gilsonite	0.98	735.00
42.00	CEMENT MATERIALS	FL-160	18.90	793.80
23.00	CEMENT MATERIALS	Powdered Defoamer	3.50	80.50
12.00	CEMENT MATERIALS	Mud Flush	41.07	492.84
762.36	CEMENT SERVICE	Cubic Feet Charge	2.48	1,890.65
1,288.80	CEMENT SERVICE	Ton Mileage Charge	2.75	3,544.20
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
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
1.00	CEMENT SERVICE	Rotating Head	475.00	475.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down Flex Assembly	660.00	660.00
13.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	741.00
2.00	EQUIPMENT SALES	5-1/2 Basket	395.00	790.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
1.00	CEMENT SUPERVISOR	Paul Beaver		

PAID FEB 20 2015
CK# 47788
\$ 24,230.94

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

\$ 13,636.42

ONLY IF PAID ON OR BEFORE

Mar 8, 2015

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



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 148493
Invoice Date: Feb 6, 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	64816	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Feb 6, 2015	3/8/15

Quantity	Item	Description	Unit Price	Amount
1.00	EQUIPMENT OPERATOR	Brandon Wilkinson		
1.00	OPERATOR ASSISTANT	Cory Brown		
1.00	OPERATOR ASSISTANT	Wayne Messalle		
			0 * *	

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

\$ 13,636.42

ONLY IF PAID ON OR BEFORE
Mar 8, 2015

Subto		35,885.32
Sales	13,636.42 -	1,982.04
Total I	37,867.36 +	37,867.36
Paym	000	
TOTA	24,230.94 **	37,867.36

ALLIED OIL & GAS SERVICES, LLC 064816

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Oakley, KS
Baton - 1:00 pm - 2:00 pm

DATE <u>2-6-15</u>	SEC. <u>15</u>	TWP. <u>17</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>9:50 a.m.</u>	JOB START <u>1:00 pm</u>	JOB FINISH <u>2:00 pm</u>
LEASE <u>Wilkinson</u>	WELL # <u>1-15</u>	LOCATION <u>Pence, Cherokee Rd S.S. E into</u>	COUNTY <u>Scott</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Val
TYPE OF JOB Production (2 stage)
HOLE SIZE 7 7/8 T.D. 4989'
CASING SIZE 5 1/2 (15.5") DEPTH 4987'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DV TOOL DEPTH 2427'
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42.11'
CEMENT LEFT IN CSG. 42.11'
PERFS.
DISPLACEMENT Bottom - 60661 lbs @ 5.8 gal mud

OWNER Same
CEMENT
AMOUNT ORDERED 515 sks Lite / 65/35
6' gel / 1/4" Flo-seal, 150 sks
ASC 10% salt 5" gelonite 2' gel, 30% FL-160
15" Deformer, 500 gal super flush
COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC 150 sks @ 23.50 3525.00
Lite (65/35/6) 515 sks @ 19.88 10238.20
Flo-seal 129 @ 2.97 383.43
gelonite 750 @ .98 735.00
FL-160 42 @ 18.90 793.80
P. Deformer 23 @ 3.50 80.50
Mud flush 12661 @ 41.07 492.84
HANDLING 762.36 ft³ @ 2.48 1890.65
MILEAGE 32.22 hrs @ 40 mi x 2.75 3544.20

EQUIPMENT
PUMP TRUCK CEMENTER Paul Bremer
431 HELPER Brandon Wilkinson
BULK TRUCK # 890/241 DRIVER Cony Brown
BULK TRUCK # 373/ DRIVER Wayne Messaltec

REMARKS:

Ran Pipe / Float equip / Drop ball, pumped ball
through shoe @ 400' circ, Mix 12 bbl super flush
mix 150 sks ASC, Release plug, Displace w/ water
+ mud, plug did land @ 1300' lift 800' opened
at tool @ 900' circ 4 hrs, mix solids in R.H.
mix 15 sks in m.H., mix sks lite, chase
plug displace w/ water, plug did land @
2000' lift 700' tool did close, cement
did circulate (15661 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 Jason Walker

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB	<u>4987'</u>	<u>2427'</u>
PUMP TRUCK CHARGE	<u>2765.75</u>	<u>2406.25</u>
EXTRA FOOTAGE	@	
MILEAGE m/HV	<u>40 @ 7.70</u>	<u>308.00</u>
MANIFOLD Rot. Head	@	<u>475.00</u>
MILV	<u>40 @ 4.40</u>	<u>176.00</u>
	@	

(4375.00/383) TOTAL 11565.85

PLUG & FLOAT EQUIPMENT

<u>Weatherford (5 1/2)</u>		
AFB Float shoe	@	<u>545.00</u>
Latchdown Flex Assy	@	<u>660.00</u>
Centralizers	<u>13 @ 57.00</u>	<u>741.00</u>
Baskets	<u>2 @ 395.00</u>	<u>790.00</u>
DV TOOL	@	<u>5335.00</u>

(3066.98/383) TOTAL 8071.00

SALES TAX (If Any) _____
TOTAL CHARGES 35,887.32
DISCOUNT 13,636.42 (383) IF PAID IN 30 DAYS

22,250.90 Net



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources, Inc.**

1616 S Voss Rd STE 600
Houston, TX 77057

ATTN: Wess Hanson

Wilkinson #1-15

15-17s-34w Scott,KS

Start Date: 2015.02.02 @ 18:25:00

End Date: 2015.02.03 @ 03:36:30

Job Ticket #: 59569 DST #: 1

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

Printed: 2015.02.06 @ 13:37:21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources, Inc.

15-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston, TX 77057

Wilkinson #1-15

Job Ticket: 59569

DST#: 1

ATTN: Wess Hanson

Test Start: 2015.02.02 @ 18:25:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:41:00

Time Test Ended: 03:36:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley

Unit No: 69

Interval: 4476.00 ft (KB) To 4520.00 ft (KB) (TVD)

Reference Elevations: 3133.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

3123.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8365

Inside

Press@RunDepth: 353.82 psig @ 4477.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.02

End Date:

2015.02.03

Last Calib.:

2015.02.03

Start Time: 18:25:05

End Time:

03:36:30

Time On Btm:

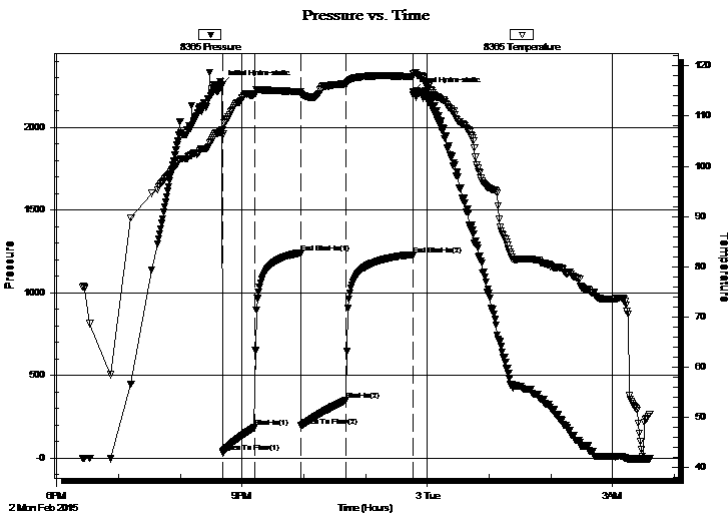
2015.02.02 @ 20:40:30

Time Off Btm:

2015.02.02 @ 23:46:00

TEST COMMENT: IF: BOB @ 6 min.
IS: 2" return.
FF: BOB @ 6 min.
FS: 2" return, died @ 45 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2256.23	107.23	Initial Hydro-static
1	33.48	106.12	Open To Flow (1)
32	185.31	114.25	Shut-In(1)
76	1241.86	114.85	End Shut-In(1)
77	196.66	114.41	Open To Flow (2)
121	353.82	116.45	Shut-In(2)
185	1226.84	117.87	End Shut-In(2)
186	2215.98	118.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	gmco 30g 15m 55o	2.60
665.00	gsmco 25g 5m 70o	9.33
0.00	270' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources, Inc.

15-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston, TX 77057

Wilkinson #1-15

Job Ticket: 59569

DST#: 1

ATTN: Wess Hanson

Test Start: 2015.02.02 @ 18:25:00

Tool Information

Drill Pipe:	Length: 4469.00 ft	Diameter: 3.80 inches	Volume: 62.69 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 62.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4476.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4450.00	
Shut In Tool	5.00			4455.00	
Hydraulic tool	5.00			4460.00	
Jars	5.00			4465.00	
Safety Joint	2.00			4467.00	
Packer	5.00			4472.00	27.00 Bottom Of Top Packer
Packer	4.00			4476.00	
Stubb	1.00			4477.00	
Recorder	0.00	8365	Inside	4477.00	
Recorder	0.00	8522	Outside	4477.00	
Perforations	6.00			4483.00	
Change Over Sub	1.00			4484.00	
Drill Pipe	32.00			4516.00	
Change Over Sub	1.00			4517.00	
Bullnose	3.00			4520.00	44.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources, Inc.

15-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston, TX 77057

Wilkinson #1-15

Job Ticket: 59569

DST#: 1

ATTN: Wess Hanson

Test Start: 2015.02.02 @ 18:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	gmco 30g 15m 55o	2.595
665.00	gsmco 25g 5m 70o	9.328
0.00	270' GIP	0.000

Total Length: 850.00 ft Total Volume: 11.923 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

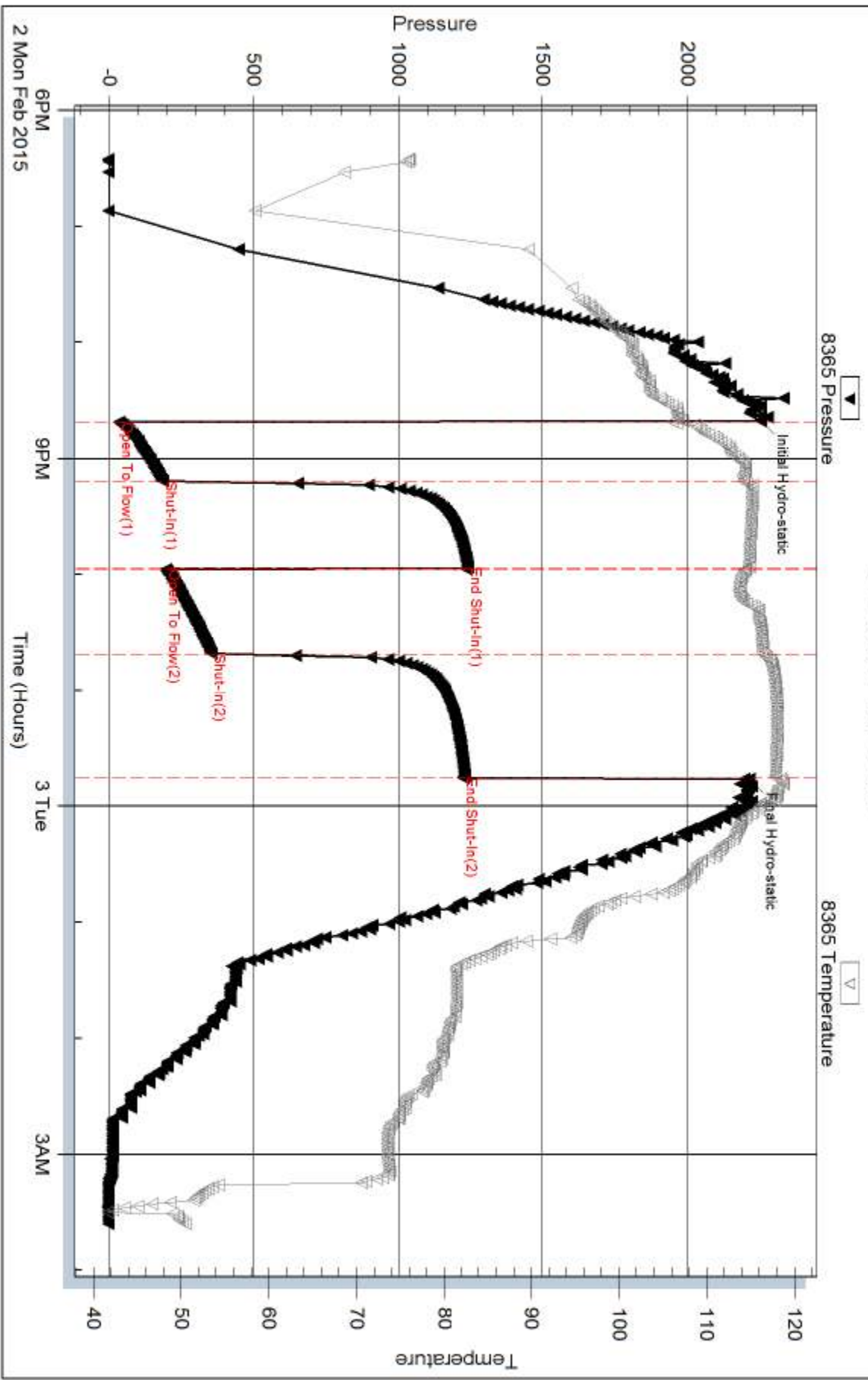
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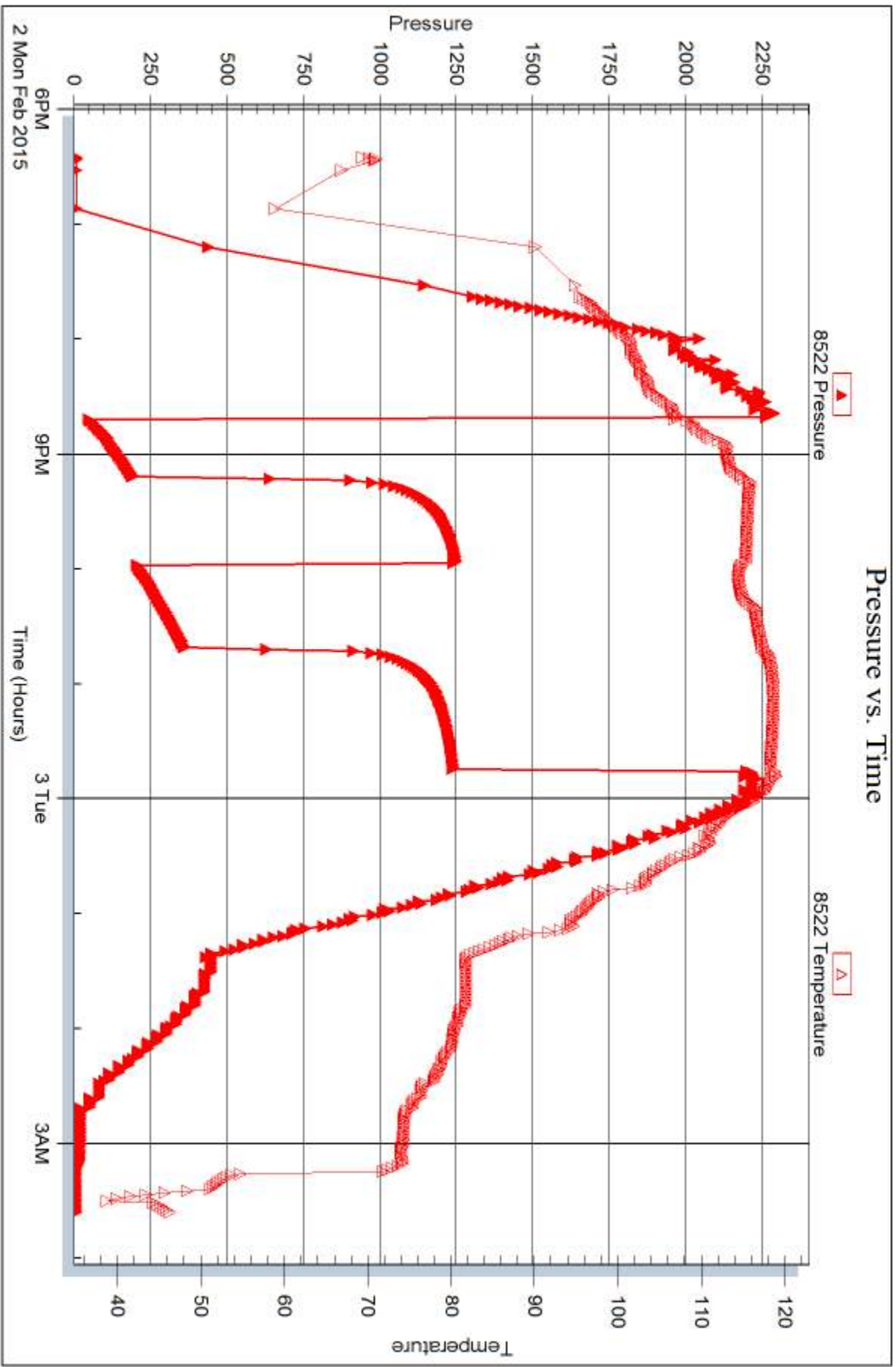
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Landmark Resources, Inc.**

1616 S Voss Rd STE 600
Houston, TX 77057

ATTN: Wess Hanson

Wilkinson #1-15

15-17s-34w Scott,KS

Start Date: 2015.02.03 @ 17:23:00

End Date: 2015.02.04 @ 01:14:15

Job Ticket #: 59570 DST #: 2

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

Printed: 2015.02.06 @ 13:36:45



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources, Inc.

15-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston, TX 77057

Wilkinson #1-15

Job Ticket: 59570

DST#: 2

ATTN: Wess Hanson

Test Start: 2015.02.03 @ 17:23:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:38:30

Time Test Ended: 01:14:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley

Unit No: 69

Interval: 4520.00 ft (KB) To 4580.00 ft (KB) (TVD)

Reference Elevations: 3133.00 ft (KB)

Total Depth: 4580.00 ft (KB) (TVD)

3123.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8365 Inside

Press@RunDepth: 76.69 psig @ 4521.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.03

End Date:

2015.02.04

Last Calib.: 2015.02.04

Start Time: 17:23:05

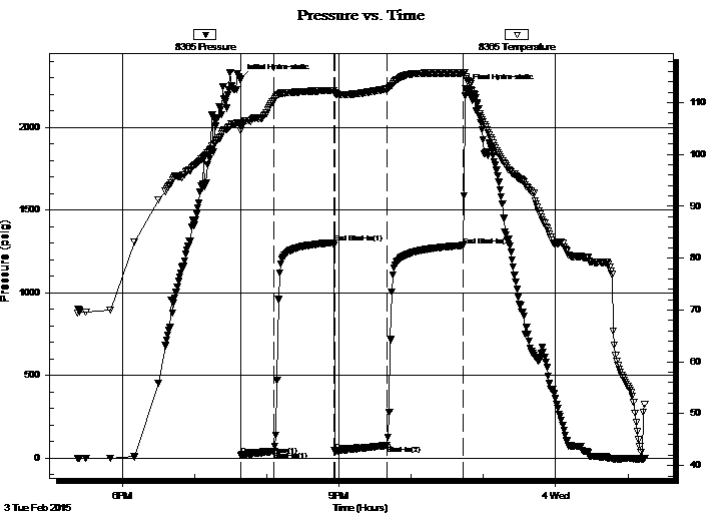
End Time:

01:14:14

Time On Btm: 2015.02.03 @ 19:38:15

Time Off Btm: 2015.02.03 @ 22:45:15

TEST COMMENT: IF: 8" blow.
IS: No return.
FF: BOB @ 35 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2293.78	106.06	Initial Hydro-static
1	18.06	104.53	Open To Flow (1)
28	41.51	110.29	Shut-In(1)
78	1303.57	112.31	End Shut-In(1)
78	43.96	111.90	Open To Flow (2)
122	76.69	112.68	Shut-In(2)
185	1286.15	115.69	End Shut-In(2)
187	2237.06	114.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gmco 30g 30m 40o	0.84
90.00	gsmco 35g 5m 60o	1.26
0.00	90' GIP	0.00

* 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.

15-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston, TX 77057

Wilkinson #1-15

Job Ticket: 59570

DST#: 2

ATTN: Wess Hanson

Test Start: 2015.02.03 @ 17:23:00

Tool Information

Drill Pipe:	Length: 4500.00 ft	Diameter: 3.80 inches	Volume: 63.12 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 87000.00 lb
			<u>Total Volume: 63.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4520.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4494.00	
Shut In Tool	5.00			4499.00	
Hydraulic tool	5.00			4504.00	
Jars	5.00			4509.00	
Safety Joint	2.00			4511.00	
Packer	5.00			4516.00	27.00 Bottom Of Top Packer
Packer	4.00			4520.00	
Stubb	1.00			4521.00	
Recorder	0.00	8365	Inside	4521.00	
Recorder	0.00	8522	Outside	4521.00	
Perforations	22.00			4543.00	
Change Over Sub	1.00			4544.00	
Drill Pipe	32.00			4576.00	
Change Over Sub	1.00			4577.00	
Bullnose	3.00			4580.00	60.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources, Inc.

15-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston, TX 77057

Wilkinson #1-15

Job Ticket: 59570

DST#: 2

ATTN: Wess Hanson

Test Start: 2015.02.03 @ 17:23:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gmco 30g 30m 40o	0.842
90.00	gsmco 35g 5m 60o	1.262
0.00	90' GIP	0.000

Total Length: 150.00 ft Total Volume: 2.104 bbl

Num Fluid Samples: 0

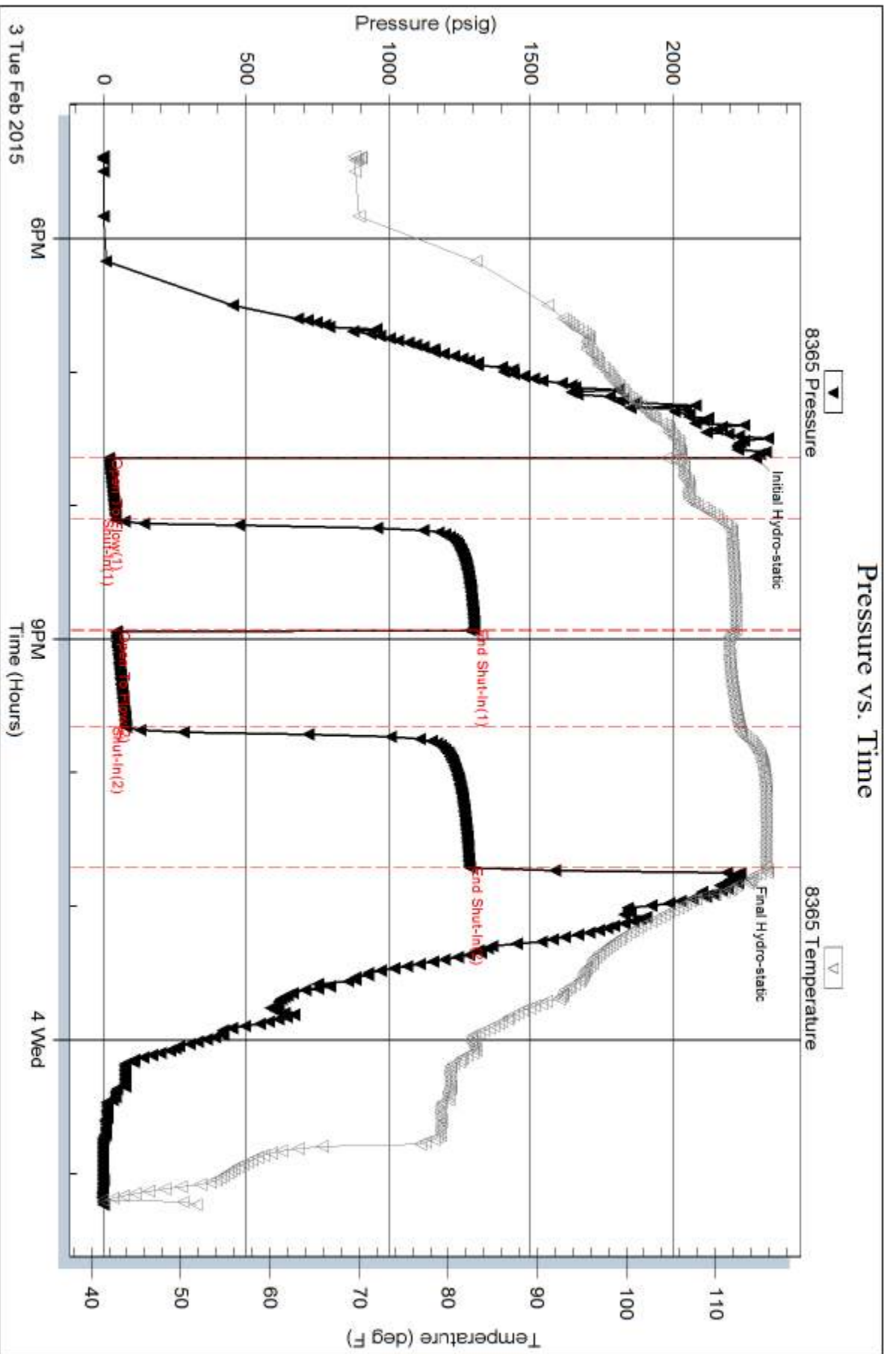
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

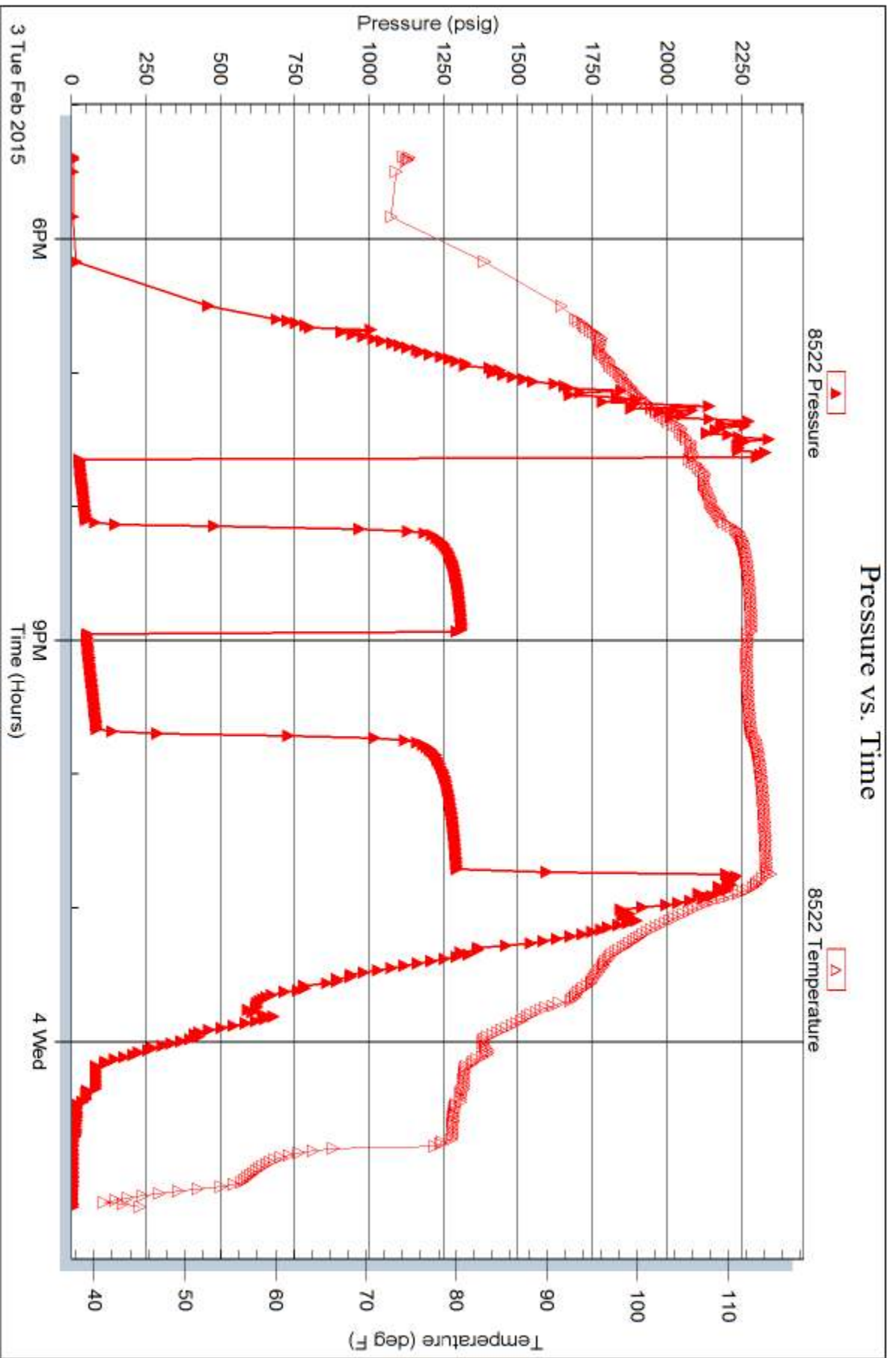


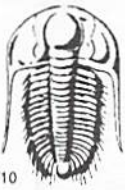
Serial #: 8522

Outside Landmark Resources, Inc.

Wilkinson #1-15

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **59569**

4/10

Well Name & No. Wilkinson #1-15 Test No. 1 Date 2/03/2015
 Company Landmark Resources, Inc Elevation 3133 KB 3123 GL
 Address 1616 Voss Rd Ste 600 Houston, Tx 77057
 Co. Rep / Geo. Wess Hanson Rig Val #1
 Location: Sec. 15 Twp. 17s Rge. 34w Co. Scott State Ks

Interval Tested 4476 4520 Zone Tested Marmaton
 Anchor Length 44 Drill Pipe Run 4469 Mud Wt. 9.4
 Top Packer Depth 4471 Drill Collars Run 0 Vis 5.7
 Bottom Packer Depth 4476 Wt. Pipe Run 0 WL 8.0
 Total Depth 4520 Chlorides 5,000 ppm System LCM 1#

Blow Description IF: BOB@ 6 min.
ISL: 2' return
FF: BOB@ 6 min
FSS: 2' return died @ 45 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>665</u>	<u>GSMCO</u>	<u>25</u>	<u>70</u>	<u>5</u>	
<u>185</u>	<u>G MCO</u>	<u>30</u>	<u>55</u>	<u>15</u>	
	<u>270' GIP</u>				

Rec Total 850 BHT 118 Gravity 26 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2256</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1720</u>
(B) First Initial Flow <u>33</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1825</u>
(C) First Final Flow <u>185</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2041</u>
(D) Initial Shut-In <u>1242</u>	<input checked="" type="checkbox"/> Circ Sub <u>4</u>	T-Pulled <u>2347</u>
(E) Second Initial Flow <u>197</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0337</u>
(F) Second Final Flow <u>354</u>	<input checked="" type="checkbox"/> Mileage <u>36</u> <u>36</u>	Comments
(G) Final Shut-In <u>1227</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2216</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1511</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1511</u>	

Approved By _____ 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. 59570

Well Name & No. Wilkinson #1-15 Test No. 2 Date 2/03/2015
 Company Landmark Resources, Inc Elevation 3133 KB 3123 GL
 Address 1616 Voss Rd Ste 600 Houston, Tx 77057
 Co. Rep / Geo. Wes Hanson Rig Val #1
 Location: Sec. 15 Twp. 17S Rge. 34W Co. Scott State Ks

Interval Tested 4520 4580 Zone Tested Altamont
 Anchor Length 60 Drill Pipe Run 4500 Mud Wt. 9.4
 Top Packer Depth 4515 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 4520 Wt. Pipe Run 0 WL 8.0
 Total Depth 4580 Chlorides 5100 ppm System LCM 1 #

Blow Description JF! 8" blow
JSI! No return
FF! BOB@ 35 min
FSI! No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>65mco</u>	<u>35</u>	<u>60</u>	<u>5</u>	
<u>60</u>		<u>30</u>	<u>40</u>	<u>30</u>	
	<u>90' GIP</u>				

Rec Total 150 BHT 116 Gravity 22 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2294</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1700</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1723</u>
(C) First Final Flow <u>42</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1937</u>
(D) Initial Shut-In <u>1304</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>2257</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0114</u>
(F) Second Final Flow <u>77</u>	<input checked="" type="checkbox"/> Mileage <u>36</u> ³⁶	Comments _____
(G) Final Shut-In <u>1286</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2237</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1511</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc'y _____
	Sub Total <u>1511</u>	

Approved By _____

Our Representative 

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.