



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1222233
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: _____

1222233

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: 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: _____ _____ |
|--|---|---|

| | |
|-----------|--------------------------|
| Form | ACO1 - Well Completion |
| Operator | Landmark Resources, Inc. |
| Well Name | Sleeping Indian 1-11 |
| Doc ID | 1222233 |

Tops

| Name | Top | Datum |
|----------------|------|-------|
| Anhydrite | 2454 | 662 |
| B/ Anhydrite | 2472 | 644 |
| Topeka | 3764 | -648 |
| Heebner | 4001 | -885 |
| Toronto | 4019 | -903 |
| Lansing | 4047 | -931 |
| C | 4090 | -974 |
| D | 4108 | -992 |
| E | 4142 | -1026 |
| F | 4152 | -1036 |
| Muncie Creek | 4238 | -1122 |
| H | 4248 | -1132 |
| I | 4276 | -1160 |
| J | 4309 | -1193 |
| Stark Shale | 4331 | -1215 |
| K | 4340 | -1224 |
| L | 4391 | -1275 |
| BKC | 4422 | -1306 |
| Marmaton | 4481 | -1365 |
| Altamont | 4506 | -1390 |
| Pawnee | 4554 | -1438 |
| Myrick Station | 4590 | -1474 |
| Fort Scott | 4606 | -1490 |
| Cherokee | 4630 | -1514 |

| | |
|-----------|--------------------------|
| Form | ACO1 - Well Completion |
| Operator | Landmark Resources, Inc. |
| Well Name | Sleeping Indian 1-11 |
| Doc ID | 1222233 |

Tops

| Name | Top | Datum |
|-----------------|------|-------|
| Johnson Zone | 4686 | -1570 |
| Morrow Shale | 4750 | -1634 |
| Up Morrow Shale | 4800 | -1684 |
| Missippian | 4810 | -1694 |



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 144460

Invoice Date: Jul 18, 2014

Page: 1

Voice: (817) 546-7282

Fax: (817) 246-3361

7/17/30

APPROVED AUG 01 2014

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

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Land | 63473 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-01 | Oakley | Jul 18, 2014 | 8/17/14 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------------|-----------------------|------------|----------|
| 1.00 | WELL NAME | Sleeping Indian #1-11 | | |
| 210.00 | CEMENT MATERIALS | Class A Common | 17.90 | 3,759.00 |
| 394.00 | CEMENT MATERIALS | Gel | 1.05 | 413.70 |
| 592.00 | CEMENT MATERIALS | Chloride | 1.10 | 651.20 |
| 227.08 | CEMENT SERVICE | Cubic Feet Charge | 2.48 | 563.16 |
| 466.20 | CEMENT SERVICE | Ton Mileage Charge | 2.75 | 1,282.05 |
| 1.00 | CEMENT SERVICE | Surface | 1,512.25 | 1,512.25 |
| 45.00 | CEMENT SERVICE | Pump Truck Mileage | 7.70 | 346.50 |
| 1.00 | CEMENT SERVICE | Manifold Head Rental | 275.00 | 275.00 |
| 45.00 | CEMENT SERVICE | Light Vehicle Mileage | 4.40 | 198.00 |
| 1.00 | CEMENT SUPERVISOR | Andrew Forslund | | |
| 1.00 | OPERATOR ASSISTANT | Brandon Wilkinson | | |

pd.
AUG 01 2014
46476
6843.78

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

\$ 2,520.23

ONLY IF PAID ON OR BEFORE
Aug 17, 2014

| | | |
|-------------------|------|-----------------|
| Subtotal | 0.00 | 9,000.86 |
| Sales Tax | | 393.15 |
| Total Invoice Amc | | 9,394.01 |
| Payment/Credit A | 000 | |
| TOTAL | | 9,394.01 |

9,394.01 +
2,520.23 -
6,873.78

ALLIED OIL & GAS SERVICES, LLC 063473

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley

| | | | | | | | |
|-------------------------|----------------|-------------------|-----------------|---|----------------------------|--------------------------|---------------------------|
| DATE <u>2-18-14</u> | SEC. <u>11</u> | TWP. <u>17</u> | RANGE <u>34</u> | CALLED OUT | ON LOCATION <u>1:02 PM</u> | JOB START <u>3:30 AM</u> | JOB FINISH <u>4:00 AM</u> |
| LEASE <u>Sleeper</u> | | WELL# <u>1-11</u> | | LOCATION <u>83 + 4 Jet 2 1/2 W S into</u> | | COUNTY <u>Scott</u> | STATE <u>KS</u> |
| OLD OR NEW (Circle one) | | | | | | | |

| | |
|--|---------------------------------------|
| CONTRACTOR <u>Worfin 4</u> | OWNER <u>same</u> |
| TYPE OF JOB <u>Surface</u> | |
| HOLE SIZE <u>1 3/4</u> T.D. <u>224'</u> | CEMENT |
| CASING SIZE <u>8 3/8</u> DEPTH <u>224'</u> | AMOUNT ORDERED <u>210 sls com</u> |
| TUBING SIZE DEPTH | <u>3 1/2" 2 1/2 gal</u> |
| DRILL PIPE DEPTH | |
| TOOL DEPTH | |
| PRES. MAX MINIMUM | COMMON <u>210 sls @ 12.90 3759.00</u> |
| MEAS. LINE SHOE JOINT | POZMIX @ |
| CEMENT LEFT IN CSG. <u>15'</u> | GEL <u>344 # @ 1.05 413.20</u> |
| PERFS. | CHLORIDE <u>59.2 # @ 1.10 651.20</u> |
| DISPLACEMENT <u>16,49 GAL</u> | ASC @ |

| | | |
|-------------------------|---------------------------------|--|
| EQUIPMENT | | |
| PUMP TRUCK # <u>431</u> | CEMENTER <u>Andrew Ford</u> | <u>Material Total 4823.90</u> |
| BULK TRUCK # <u>890</u> | HELPER <u>Brandon Wilkerson</u> | <u>(1350.00/282)</u> |
| BULK TRUCK # | DRIVER <u>JD in (two)</u> | |
| BULK TRUCK # | DRIVER | |
| | | HANDLING <u>222.05 cu ft @ 2.48 563.15</u> |
| | | MILEAGE <u>2.75 miles @ 1.36 108.25</u> |

REMARKS: _____ TOTAL _____

| | |
|--|--|
| <p style="font-size: 2em; text-align: center;"><u>Cement Did Circulate</u></p> <p style="text-align: center;"><u>Thank you</u></p> <p>CHARGE TO: <u>Landmark Resources</u></p> <p>STREET _____</p> <p>CITY _____ STATE _____ ZIP _____</p> | <p style="text-align: center;">SERVICE</p> <p>DEPTH OF JOB <u>224'</u></p> <p>PUMP TRUCK CHARGE <u>1512.25</u></p> <p>EXTRA FOOTAGE @</p> <p>MILEAGE <u>45 miles @ 7.70 346.50</u></p> <p>MANIFOLD <u>head @ 225.00</u></p> <p><u>light vehicle @ 4.40 198.00</u></p> <p><u>(1169.54/282)</u> TOTAL <u>4176.95</u></p> |
|--|--|

| | |
|---|---|
| <p>To: Allied Oil & Gas Services, LLC.</p> <p>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.</p> <p>PRINTED NAME <u>Ted Balton</u></p> <p>SIGNATURE <u>Ted Balton</u></p> | <p style="text-align: center;">PLUG & FLOAT EQUIPMENT</p> <p>_____ @ _____</p> <p>_____ @ _____</p> <p>_____ @ _____</p> <p>_____ @ _____</p> <p>_____ @ _____</p> <p>TOTAL _____</p> |
|---|---|

| | |
|--|--|
| <p>SALES TAX (If Any) _____</p> <p>TOTAL CHARGES <u>9,000.75</u></p> <p>DISCOUNT <u>2,523.23 (282)</u> IF PAID IN 30 DAYS</p> <p style="font-size: 1.5em; text-align: center;"><u>6,486.12 Net</u></p> | |
|--|--|



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 144735
Invoice Date: Jul 27, 2014
Page: 1

*BBAA
71890*

Federal Tax I.D.#: 20-8651475

APPROVED AUG 12 2014

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

| Customer ID | Well Name/# or Customer P.O. | Payment Terms | |
|--------------|------------------------------|---------------|----------|
| Land | 63365 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-03 | Oakley | Jul 27, 2014 | 8/26/14 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------|-----------------------|------------|----------|
| 1.00 | WELL NAME | Sleeping Indian #1-11 | | |
| 300.00 | CEMENT MATE | 60/40 4% Gel Blend | 18.92 | 5,676.00 |
| 75.00 | CEMENT MATE | Flo Seal | 2.97 | 222.75 |
| 322.27 | CEMENT SERVI | Cubic Feet Charge | 2.48 | 799.23 |
| 605.43 | CEMENT SERVI | Ton Mileage Charge | 2.75 | 1,664.93 |
| 1.00 | CEMENT SERVI | Plug to Abandon | 2,483.59 | 2,483.59 |
| 45.00 | CEMENT SERVI | Pump Truck Mileage | 7.70 | 346.50 |
| 45.00 | CEMENT SERVI | Light Vehicle Mileage | 4.40 | 198.00 |
| 4.00 | CEMENT SERVI | Waiting on Location | 440.00 | 1,760.00 |
| 1.00 | CEMENT SUPEI | Alan Ryan | | |
| 1.00 | EQUIPMENT OF | Kevin Ryan | | |
| 1.00 | OPERATOR AS | George Grant | | |

*#46553
10,540.53
AUG 12 2014*

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

\$ 3682.28

ONLY IF PAID ON OR BEFORE
Aug 26, 2014

| | |
|------------------------|------------------|
| Subtotal | 13,151.00 |
| Sales Tax | 1,071.81 |
| Total Invoice Amount | 14,222.81 |
| Payment/Credit Applied | |
| TOTAL | 14,222.81 |

ALLIED OIL & GAS SERVICES, LLC 063365

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Dakota Hwy

| | | | | | | | |
|-------------------------|----------------|--------------------|-----------------|---------------------------------------|---------------------------|------------------------|-------------------------|
| DATE <u>7/22/14</u> | SEC. <u>11</u> | TWP. <u>17</u> | RANGE <u>34</u> | CALLED OUT | ON LOCATION <u>1:30pm</u> | JOB START <u>10:30</u> | JOB FINISH <u>11:30</u> |
| LEASE <u>Indians</u> | | WELL # <u>1-11</u> | | LOCATION <u>Hwy 83-4 7 1/2 W 51st</u> | | COUNTY <u>Scott</u> | STATE <u>KS</u> |
| OLD OR NEW (Circle one) | | | | | | | |

CONTRACTOR Murfin 4

TYPE OF JOB PTP

HOLE SIZE 17 1/8 T.D.

CASING SIZE 8 5/8 DEPTH 254'

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Line

CEMENT AMOUNT ORDERED 300 60/40 470 gal

14 PC

EQUIPMENT

PUMP TRUCK CEMENTER Alan Ryan

423-281 HELPER Kevin Ryan

BULK TRUCK DRIVER George Grant

890 DRIVER

DRIVER

| | | |
|---------------------------------------|---|-----------------------|
| COMMON | @ | |
| POZMIX | @ | |
| GEL | @ | |
| CHLORIDE | @ | |
| <u>60/40 470 gal 3005/11</u> | @ | <u>18 92 5676 2</u> |
| <u>FCO</u> | @ | <u>75 2 97 222 75</u> |
| <u>Material Total</u> | @ | <u>1,898.75</u> |
| <u>(1651.65/28%)</u> | @ | |
| HANDLING <u>300 22 CF</u> | @ | <u>2 40 799 23</u> |
| MILEAGE <u>2 23 To/From 13 45470W</u> | @ | <u>1664 93</u> |
| | | TOTAL |

REMARKS:

2460' - 50 SK

1530' - 80 SK

250' - 90 SK

300' - 90 SK

60' - 20 SK

RH - 30 SK

MH - 20 SK

SERVICE

DEPTH OF JOB 2460'

PUMP TRUCK CHARGE 2483 59

EXTRA FOOTAGE @

MILEAGE 45 @ 7 20 346 50

MANIFOLD @

LTZ Vehicle 45 @ 4 40 198 00

Hrs in Excess of 5 Hr - 4 Hr @ 4 40 176 00

(203063/28%) TOTAL 1,252.25

CHARGE TO: Landmark Resources

STREET _____

CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME Pat Hale

SIGNATURE Pat Hale

SALES TAX (If Any) _____

TOTAL CHARGES 13,151.00

DISCOUNT 3,682.28 (28%) IF PAID IN 30 DAYS

9,468.72



DRILL STEM TEST REPORT

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

1616 S Voss Rd STE 600
Houston TX 77057-2641

ATTN: Terry McLeod

Sleeping Indian 1-11

11-17s-34w Scott,KS

Start Date: 2014.07.24 @ 04:18:00

End Date: 2014.07.24 @ 11:56:15

Job Ticket #: 57037 DST #: 1

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

Printed: 2014.07.29 @ 11:13:02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources, Inc.

11-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston TX 77057-2641

Sleeping Indian 1-11

ATTN: Terry McLeod

Job Ticket: 57037

DST#: 1

Test Start: 2014.07.24 @ 04:18:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:22:45

Time Test Ended: 11:56:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 75

Interval: 4447.00 ft (KB) To 4500.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3105.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8675

Inside

Press@RunDepth: 35.77 psig @ 4448.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.24

End Date:

2014.07.24

Last Calib.:

2014.07.24

Start Time: 04:18:15

End Time:

11:56:15

Time On Btm:

2014.07.24 @ 07:22:15

Time Off Btm:

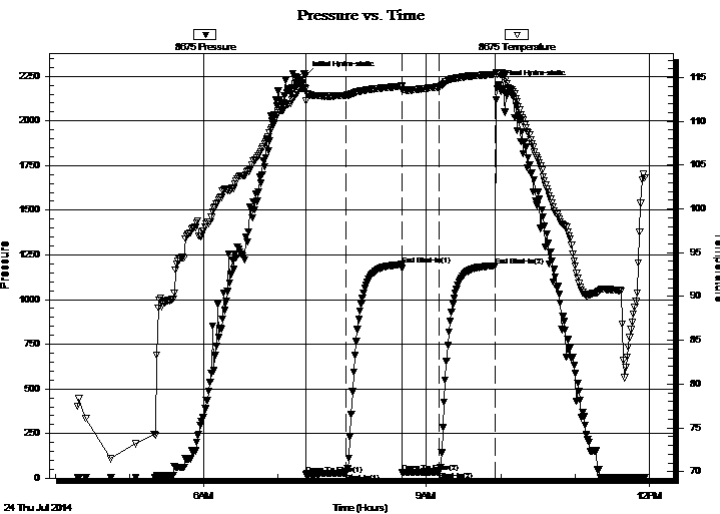
2014.07.24 @ 09:58:15

TEST COMMENT: Built to 1/2" blow

No return blow

No blow

No return blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2254.49 | 113.78 | Initial Hydro-static |
| 1 | 22.21 | 112.30 | Open To Flow (1) |
| 33 | 28.30 | 112.96 | Shut-In(1) |
| 78 | 1196.63 | 114.02 | End Shut-In(1) |
| 79 | 30.80 | 113.55 | Open To Flow (2) |
| 109 | 35.77 | 113.96 | Shut-In(2) |
| 153 | 1189.89 | 115.34 | End Shut-In(2) |
| 156 | 2204.89 | 115.51 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 30.00 | 100%Mud | 0.15 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources, Inc.

11-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston TX 77057-2641

Sleeping Indian 1-11

Job Ticket: 57037

DST#: 1

ATTN: Terry McLeod

Test Start: 2014.07.24 @ 04:18:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4155.07 ft | Diameter: 3.80 inches | Volume: 58.28 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: 276.73 ft | Diameter: 2.25 inches | Volume: 1.36 bbl | Weight to Pull Loose: 94000.00 lb |
| | | | <u>Total Volume: 59.64 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 7.30 ft | | | String Weight: Initial 84000.00 lb |
| Depth to Top Packer: | 4447.00 ft | | | Final 84000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 53.00 ft | | | |
| Tool Length: | 75.50 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 | | | 4425.50 | |
| Shut In Tool | 5.00 | | | 4430.50 | |
| Hydraulic tool | 5.00 | | | 4435.50 | |
| safety Joint | 2.50 | | | 4438.00 | |
| Packer | 5.00 | | | 4443.00 | 22.50 Bottom Of Top Packer |
| Packer | 4.00 | | | 4447.00 | |
| Stubb | 1.00 | | | 4448.00 | |
| Recorder | 0.00 | 8675 | Inside | 4448.00 | |
| Recorder | 0.00 | 8650 | Outside | 4448.00 | |
| perforations | 10.00 | | | 4458.00 | |
| Change Over Sub | 1.00 | | | 4459.00 | |
| Drill Pipe | 32.00 | | | 4491.00 | |
| Change Over Sub | 1.00 | | | 4492.00 | |
| Bullnose | 8.00 | | | 4500.00 | 53.00 Bottom Packers & Anchor |

Total Tool Length: 75.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources, Inc.

11-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston TX 77057-2641

Sleeping Indian 1-11

Job Ticket: 57037

DST#: 1

ATTN: Terry McLeod

Test Start: 2014.07.24 @ 04:18:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 30.00 | 100%Mud | 0.148 |

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

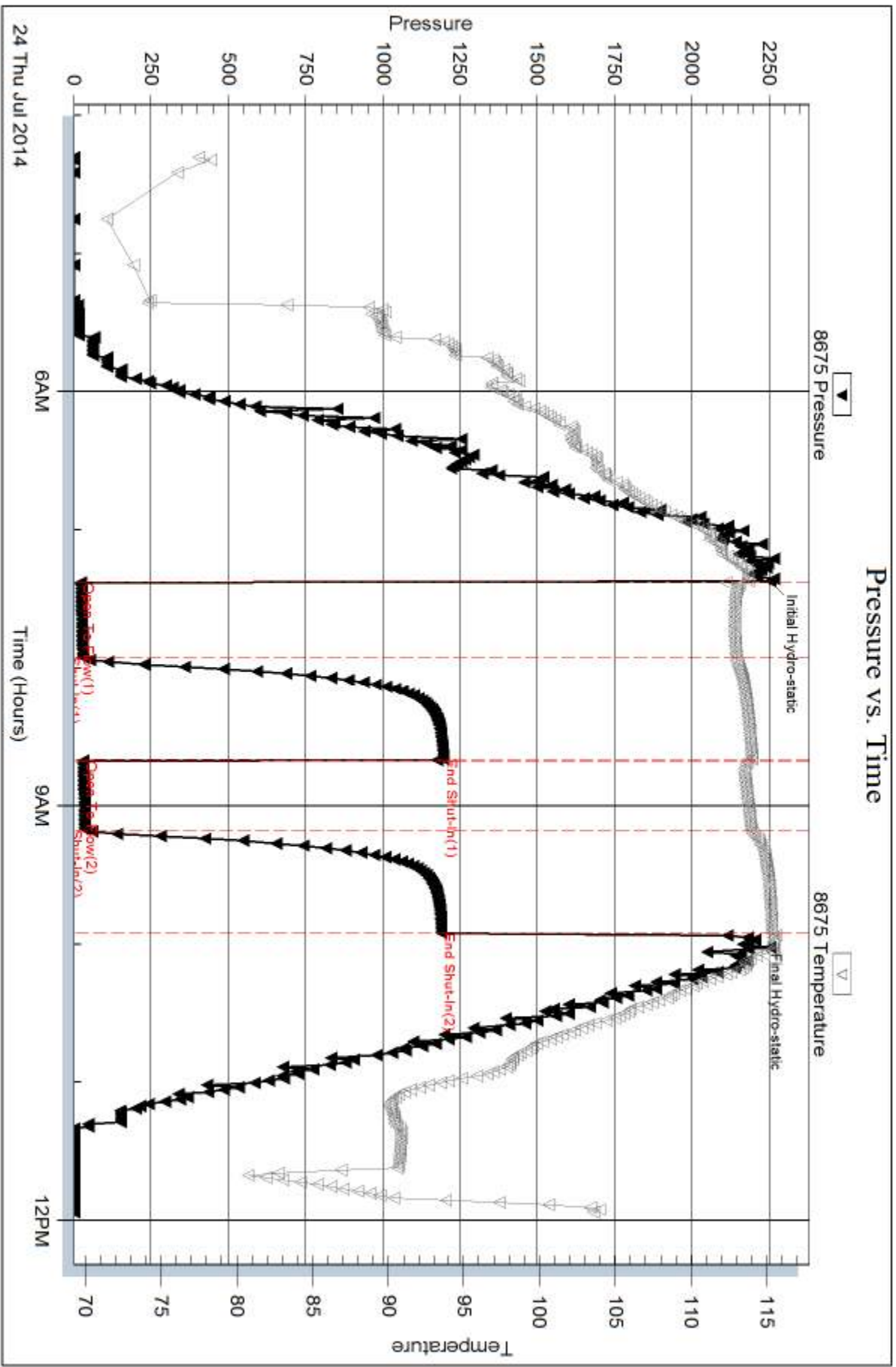
Num Gas Bombs: 0

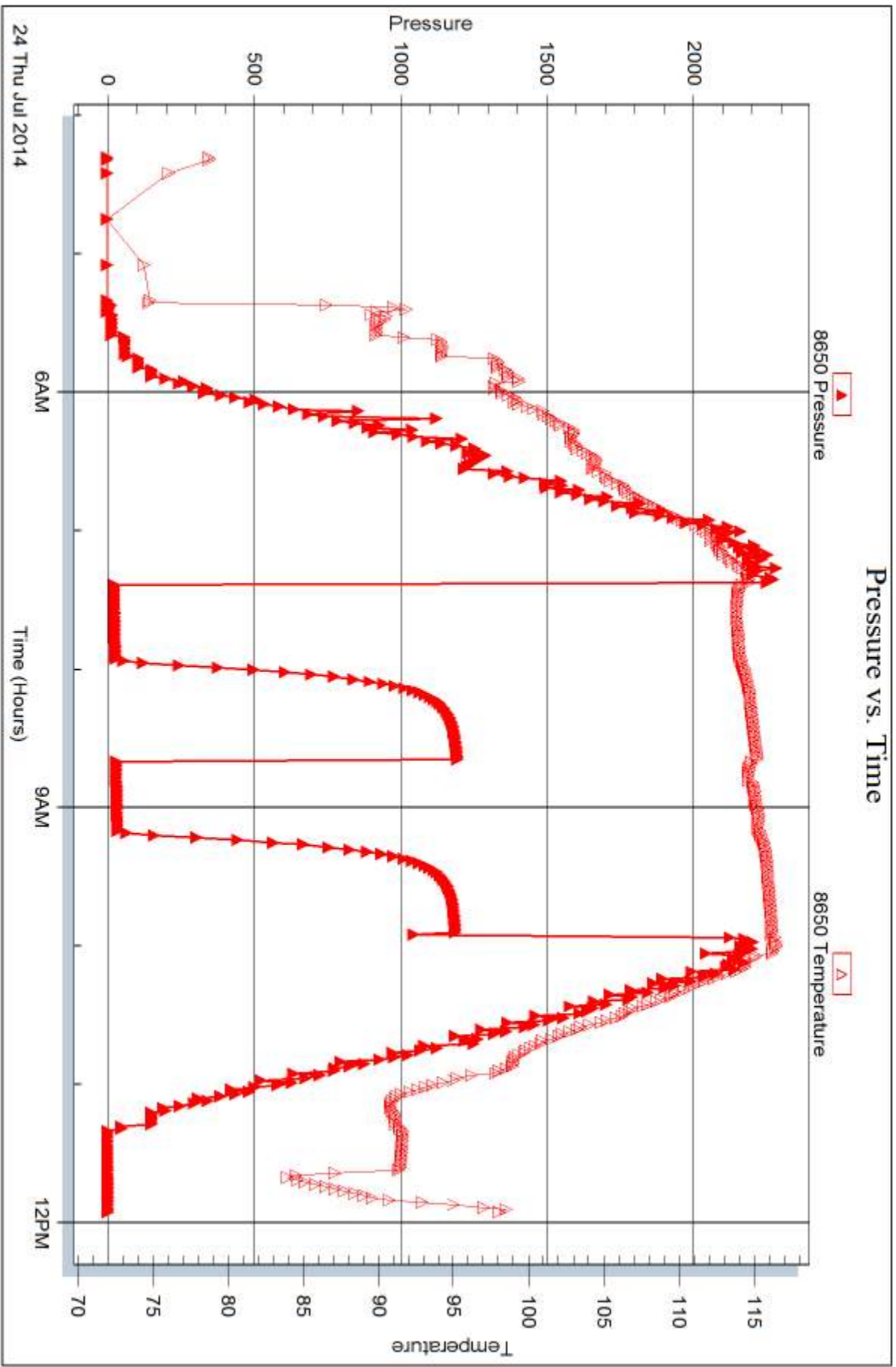
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

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

1616 S Voss Rd STE 600
Houston TX 77057-2641

ATTN: Terry McLeod

Sleeping Indian 1-11

11-17s-34w Scott,KS

Start Date: 2014.07.24 @ 20:30:00

End Date: 2014.07.25 @ 04:55:15

Job Ticket #: 57038 DST #: 2

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

Printed: 2014.07.29 @ 11:12:28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources, Inc.

11-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston TX 77057-2641

Sleeping Indian 1-11

ATTN: Terry McLeod

Job Ticket: 57038

DST#: 2

Test Start: 2014.07.24 @ 20:30:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:31:00

Time Test Ended: 04:55:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: 4490.00 ft (KB) To 4545.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4545.00 ft (KB) (TVD)

3105.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8675 Inside

Press@RunDepth: 77.60 psig @ 4491.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.24

End Date:

2014.07.25

Last Calib.:

2014.07.25

Start Time: 20:30:15

End Time:

04:55:15

Time On Btm:

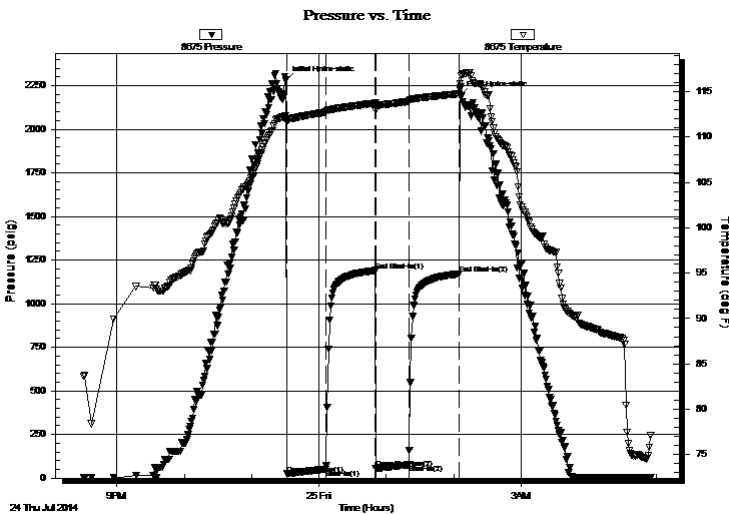
2014.07.24 @ 23:30:30

Time Off Btm:

2014.07.25 @ 02:05:30

TEST COMMENT: Built to 1 3/4" blow
Bled off for 3 min. No return blow
Very weak surface blow
Bled off for 3 min. No return blow

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2279.76 | 112.36 | Initial Hydro-static |
| 1 | 24.24 | 111.65 | Open To Flow (1) |
| 36 | 52.27 | 112.75 | Shut-In(1) |
| 80 | 1190.09 | 113.74 | End Shut-In(1) |
| 80 | 54.65 | 112.92 | Open To Flow (2) |
| 110 | 77.60 | 113.93 | Shut-In(2) |
| 155 | 1171.32 | 114.78 | End Shut-In(2) |
| 155 | 2193.55 | 115.90 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 100.00 | 100% Mud | 0.49 |
| | | |
| | | |
| | | |
| | | |

* 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.

11-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston TX 77057-2641

Sleeping Indian 1-11

Job Ticket: 57038

DST#: 2

ATTN: Terry McLeod

Test Start: 2014.07.24 @ 20:30:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4218.52 ft | Diameter: 3.80 inches | Volume: 59.17 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: 276.73 ft | Diameter: 2.25 inches | Volume: 1.36 bbl | Weight to Pull Loose: 97000.00 lb |
| | | | <u>Total Volume: 60.53 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 27.75 ft | | | String Weight: Initial 86000.00 lb |
| Depth to Top Packer: | 4490.00 ft | | | Final 87000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 55.00 ft | | | |
| Tool Length: | 77.50 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

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

| | | | | | |
|-----------------|-------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00 | | | 4468.50 | |
| Shut In Tool | 5.00 | | | 4473.50 | |
| Hydraulic tool | 5.00 | | | 4478.50 | |
| safety Joint | 2.50 | | | 4481.00 | |
| Packer | 5.00 | | | 4486.00 | 22.50 Bottom Of Top Packer |
| Packer | 4.00 | | | 4490.00 | |
| Stubb | 1.00 | | | 4491.00 | |
| Recorder | 0.00 | 8675 | Inside | 4491.00 | |
| Recorder | 0.00 | 8650 | Outside | 4491.00 | |
| perforations | 10.00 | | | 4501.00 | |
| Change Over Sub | 1.00 | | | 4502.00 | |
| Drill Pipe | 32.00 | | | 4534.00 | |
| Change Over Sub | 1.00 | | | 4535.00 | |
| Bullnose | 10.00 | | | 4545.00 | 55.00 Bottom Packers & Anchor |

Total Tool Length: 77.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources, Inc.

11-17s-34w Scott,KS

1616 S Voss Rd STE 600
Houston TX 77057-2641

Sleeping Indian 1-11

Job Ticket: 57038

DST#: 2

ATTN: Terry McLeod

Test Start: 2014.07.24 @ 20:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 100.00 | 100% Mud | 0.492 |

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0

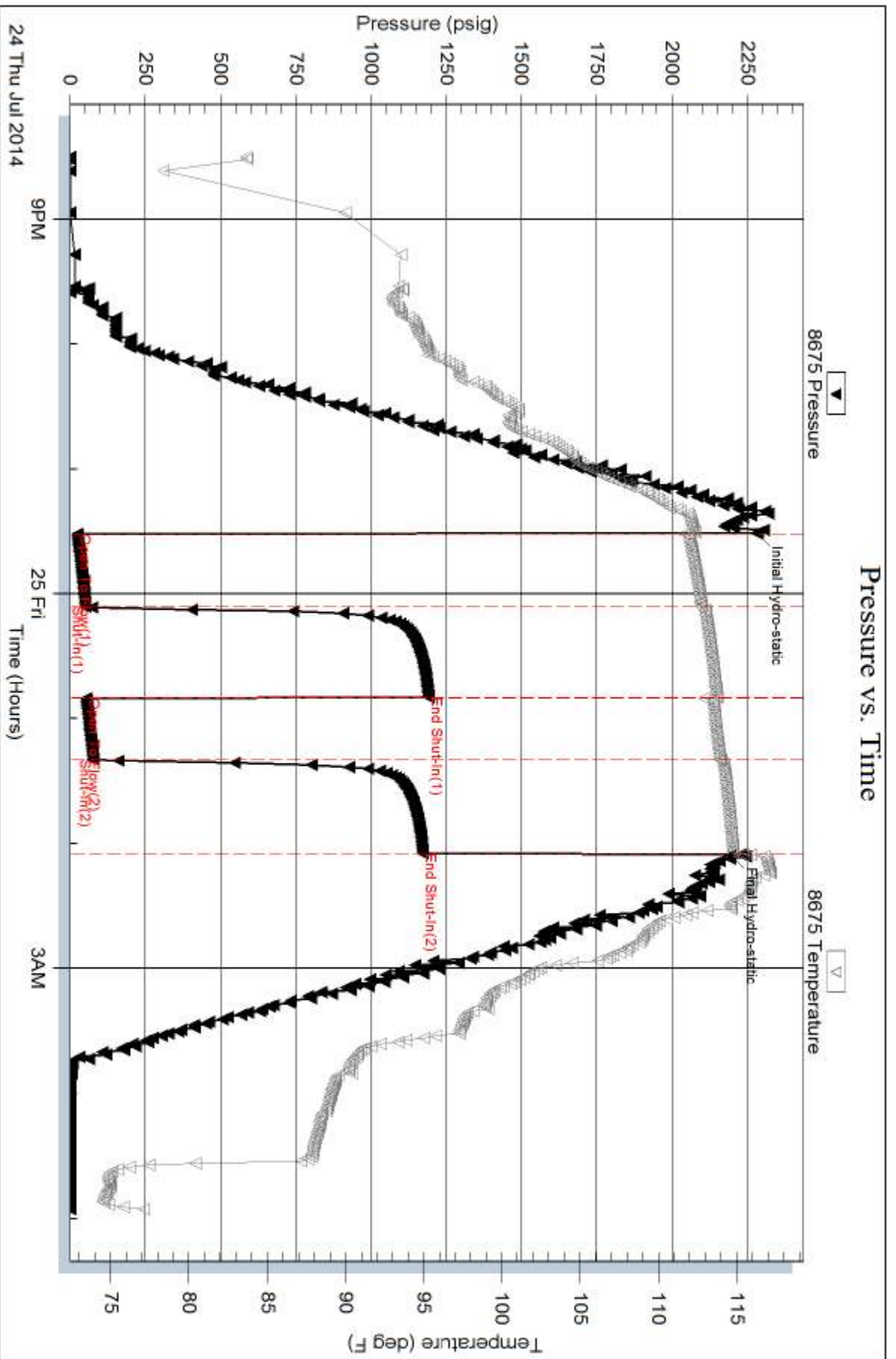
Num Gas Bombs: 0

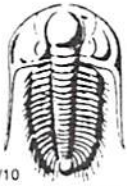
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57037

Well Name & No. Sleeping Indian 1-11 Test No. 1 Date 7/24/14
 Company Landmark Resources, Inc Elevation 3116 KB 3105 GL
 Address 1666 S Voss Rd STE 600, Houston TX, 77057-2641
 Co. Rep / Geo. Jerry McLeod Rig Murking Drilling Company Rig 4
 Location: Sec. 11 Twp. 17s Rge. 34w Co. Scott County State K5

Interval Tested 4447-4500 Zone Tested Marmaton
 Anchor Length 53 Drill Pipe Run 4155.07 Mud Wt. 9.4
 Top Packer Depth 4443 Drill Collars Run 276.73 Vis 50
 Bottom Packer Depth 4447 Wt. Pipe Run _____ WL 9.6
 Total Depth 4500 Chlorides 4,000 ppm System LCM 4#
 Blow Description Built to 1/2" below
No return below
No below
No return below

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|------------|------|------|------------|------|
| <u>30</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 30 BHT 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2,254 Test 1250 T-On Location 03:10
 (B) First Initial Flow 22 Jars _____ T-Started 04:18
 (C) First Final Flow 28 Safety Joint 75 T-Open 07:21
 (D) Initial Shut-In 1,197 Circ Sub n/c T-Pulled 09:51
 (E) Second Initial Flow 31 Hourly Standby _____ T-Out 11:56
 (F) Second Final Flow 36 Mileage 38 AT 58.90 Comments _____
 (G) Final Shut-In 1,190 Sampler _____
 (H) Final Hydrostatic 2,205 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1783.90
 Accessibility 150 MP/DST Disc't _____
 Sub Total 1783.90

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. 57038

4/10

Well Name & No. Sleeping Indian 1-11 Test No. 2 Date 7/24/14 7/25/14
 Company Landmark Resources Inc Elevation 3116 KB 3105 GL
 Address 11616 S Voss Rd STE 600, Houston TX, 77057-2641
 Co. Rep / Geo. Terry McLeod Rig Martin Drilling Rig 4
 Location: Sec. 11 Twp. 17s Rge. 34w Co. Scott County State KS

Interval Tested 4490 - 4545 Zone Tested Altamont
 Anchor Length 55 Drill Pipe Run 4218.52 Mud Wt. 9.4
 Top Packer Depth 4486 Drill Collars Run 276.73 Vis 6.4
 Bottom Packer Depth 4490 Wt. Pipe Run _____ WL 8.8
 Total Depth 4545 Chlorides 3,600 ppm System LCM 5#

Blow Description Built to 1 3/4" below
Bled off for 3 min. No return below
Very weak surface below
Bled off for 3 min. No return below

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|------------|------|------|--------|------|
| <u>100</u> | <u>Mud</u> | | | | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 100 BHT 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2,280 Test _____ T-On Location 19:40
 (B) First Initial Flow 24 Jars _____ T-Started 20:30
 (C) First Final Flow 52 Safety Joint 75 T-Open 23:30
 (D) Initial Shut-In 1,190 Circ Sub N/C T-Pulled 02:00
 (E) Second Initial Flow 55 Hourly Standby _____ T-Out 04:55
 (F) Second Final Flow 77 Mileage 38AT X2 117.80 Comments Loaded tools 7/26
 (G) Final Shut-In 1,171 Sampler _____ @ 09:55
 (H) Final Hydrostatic 2,194 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 800
 Initial Shut-In 45 Day Standby 1 day + 5 hours Total 2642.80
 Final Flow 30 Accessibility 150 MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1842.80

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.