



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1211909  
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<br>Recompletion Date | Date Reached TD | Completion Date or<br>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: \_\_\_\_\_

1211909

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<br><i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                           | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name                         | Top                              | Datum                           |
| Cores Taken                                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |                              |                                  |                                 |
| Electric Log Run                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |                              |                                  |                                 |
| List All E. Logs Run:                                       |                                                          |                              |                                  |                                 |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                   |                           |                   |               |                |              |                            |
|---------------------------------------------------------------------------|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                   |                           |                   |               |                |              |                            |
| Purpose of String                                                         | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|                                                                           |                   |                           |                   |               |                |              |                            |
|                                                                           |                   |                           |                   |               |                |              |                            |
|                                                                           |                   |                           |                   |               |                |              |                            |

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

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

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

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

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

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

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

|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                     |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>DISPOSITION OF GAS:</b><br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | <b>METHOD OF COMPLETION:</b><br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other <i>(Specify)</i> _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|

|           |                          |
|-----------|--------------------------|
| Form      | ACO1 - Well Completion   |
| Operator  | Landmark Resources, Inc. |
| Well Name | Beeson Unit A 1- 1       |
| Doc ID    | 1211909                  |

All Electric Logs Run

|                                |
|--------------------------------|
|                                |
| Borehole Compensated Sonic Log |
| Microresistivity Log           |
| Dual Induction Log             |
| Dual Compensated Porosity Log  |

|           |                          |
|-----------|--------------------------|
| Form      | ACO1 - Well Completion   |
| Operator  | Landmark Resources, Inc. |
| Well Name | Beeson Unit A 1- 1       |
| Doc ID    | 1211909                  |

Tops

| Name           | Top  | Datum |
|----------------|------|-------|
| Anhydrite      | 2427 | 684   |
| B/Anhydrite    | 2444 | 667   |
| Topeka         | 3733 | -622  |
| Heebner        | 3972 | -861  |
| Toronto        | 3990 | -879  |
| Lansing        | 4013 | -902  |
| C              | 4054 | -943  |
| D              | 4078 | -967  |
| E              | 4116 | -1005 |
| F              | 4127 | -1016 |
| Muncie Creek   | 4199 | -1088 |
| H              | 4210 | -1099 |
| I              | 4246 | -1135 |
| J              | 4274 | -1163 |
| Stark Shale    | 4297 | -1186 |
| K              | 4308 | -1197 |
| L              | 4359 | -1248 |
| BKC            | 4387 | -1276 |
| Marmaton       | 4433 | -1322 |
| Altamont       | 4475 | -1364 |
| Pawnee         | 4524 | -1413 |
| Myrick Station | 4563 | -1452 |
| Fort Scott     | 4577 | -1466 |
| Cherokee       | 4604 | -1493 |

|           |                          |
|-----------|--------------------------|
| Form      | ACO1 - Well Completion   |
| Operator  | Landmark Resources, Inc. |
| Well Name | Beeson Unit A 1- 1       |
| Doc ID    | 1211909                  |

Tops

| Name           | Top  | Datum |
|----------------|------|-------|
| Johnson Zone   | 4648 | -1537 |
| Up Morrow Sand | 4761 | -1650 |
| Missippian     | 4771 | -1660 |





# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 142808  
Invoice Date: Apr 20, 2014  
Page: 1

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

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

71730

APPROVED MAY 07 2014

| Customer ID  | Field Ticket # | Payment Terms |          |
|--------------|----------------|---------------|----------|
| Land         | 63393          | Net 30 Days   |          |
| Job Location | Camp Location  | Service Date  | Due Date |
| KS1-01       | Oakley         | Apr 19, 2014  | 5/20/14  |

| Quantity | Item               | Description           | Unit Price | Amount   |
|----------|--------------------|-----------------------|------------|----------|
| 1.00     | WELL NAME          | Beeson A Unit #1-1    |            |          |
| 210.00   | CEMENT MATERIALS   | Class A Common        | 17.90      | 3,759.00 |
| 4.00     | CEMENT MATERIALS   | Gel                   | 23.40      | 93.60    |
| 7.00     | CEMENT MATERIALS   | Chloride              | 64.00      | 448.00   |
| 227.08   | CEMENT SERVICE     | Cubic Feet Charge     | 2.48       | 563.16   |
| 466.38   | CEMENT SERVICE     | Ton Mileage Charge    | 2.60       | 1,212.59 |
| 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 Rental       | 275.00     | 275.00   |
| 45.00    | CEMENT SERVICE     | Light Vehicle Mileage | 4.40       | 198.00   |
| 1.00     | CEMENT SUPERVISOR  | Alan Ryan             |            |          |
| 1.00     | EQUIPMENT OPERATOR | Kevin Ryan            |            |          |

*PR*  
~~JUN 02 2014~~

*PR*  
MAY 07 2014  
45915  
12,468.20

8,758.60 +  
2,354.26 -  
6,404.34

|                        |                 |
|------------------------|-----------------|
| Subtotal               | 8,408.10        |
| Sales Tax              | 350.50          |
| Total Invoice Amount   | 8,758.60        |
| Payment/Credit Applied |                 |
| <b>TOTAL</b>           | <b>8,758.60</b> |

6404.34

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

\$ 2,354.26

ONLY IF PAID ON OR BEFORE  
May 15, 2014









# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 142916

Invoice Date: Apr 27, 2014

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

Page: 1

73550

APPROVED MAY 14 2014

|                                                                                 |
|---------------------------------------------------------------------------------|
| <b>Bill To:</b>                                                                 |
| Landmark Resources, Inc.<br>1616 S. Voss<br>Suite 600<br>Houston, TX 77057-1264 |

| Customer ID  | Field Ticket # | Payment Terms |          |
|--------------|----------------|---------------|----------|
| Land         | 63483          | Net 30 Days   |          |
| Job Location | Camp Location  | Service Date  | Due Date |
| KS1-02       | Oakley         | Apr 27, 2014  | 5/27/14  |

| Quantity | Item             | Description                         | Unit Price | Amount   |
|----------|------------------|-------------------------------------|------------|----------|
| 1.00     | WELL NAME        | Beeson A Unit #1-1                  |            |          |
| 150.00   | CEMENT MATERIALS | ASC                                 | 20.90      | 3,135.00 |
| 470.00   | CEMENT MATERIALS | Light Weight                        | 16.50      | 7,755.00 |
| 750.00   | CEMENT MATERIALS | Gilsonite                           | 0.98       | 735.00   |
| 43.00    | CEMENT MATERIALS | FL-160                              | 18.90      | 812.70   |
| 21.00    | CEMENT MATERIALS | Powdered Defoamer                   | 9.80       | 205.80   |
| 19.00    | CEMENT MATERIALS | Cement Fibers                       | 26.80      | 509.20   |
| 117.50   | CEMENT MATERIALS | Flo Seal                            | 2.97       | 348.98   |
| 12.00    | CEMENT MATERIALS | WFR-II                              | 58.70      | 704.40   |
| 727.27   | CEMENT SERVICE   | Cubic Feet Charge                   | 2.48       | 1,803.63 |
| 1,531.50 | CEMENT SERVICE   | Ton Mileage Charge                  | 2.60       | 3,981.90 |
| 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     | EQUIPMENT SALES  | 5-1/2 AFU Float Shoe                | 545.00     | 545.00   |
| 1.00     | EQUIPMENT SALES  | 5-1/2 Latch Down Flex Plug Assembly | 660.00     | 660.00   |
| 1.00     | EQUIPMENT SALES  | 5-1/2 D V Tool                      | 5,335.00   | 5,335.00 |
| 12.00    | EQUIPMENT SALES  | 5-1/2 Centralizer                   | 57.00      | 684.00   |
| 4.00     | EQUIPMENT SALES  | 5-1/2 Basket                        | 395.00     | 1,580.00 |

P.D.  
MAY 16 2014

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

\$ 9,507.96

ONLY IF PAID ON OR BEFORE  
May 22, 2014

|                        |           |                  |
|------------------------|-----------|------------------|
| Subtotal               |           | Continued        |
| Sales Tax              |           | Continued        |
| Total Invoice Amount   | 45,966    | Continued        |
| Payment/Credit Applied | 42,908.37 |                  |
| <b>TOTAL</b>           |           | <b>Continued</b> |



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 142916  
Invoice Date: Apr 27, 2014  
Page: 2

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

|                                                                                 |
|---------------------------------------------------------------------------------|
| <b>Bill To:</b>                                                                 |
| Landmark Resources, Inc.<br>1616 S. Voss<br>Suite 600<br>Houston, TX 77057-1264 |

| Customer ID  | Field Ticket # | Payment Terms |          |
|--------------|----------------|---------------|----------|
| Land         | 63483          | Net 30 Days   |          |
| Job Location | Camp Location  | Service Date  | Due Date |
| KS1-02       | Oakley         | Apr 27, 2014  | 5/27/14  |

| Quantity | Item               | Description     | Unit Price | Amount |
|----------|--------------------|-----------------|------------|--------|
| 1.00     | EQUIPMENT SALES    | 5-1/2 Lock Ring | 59.00      | 59.00  |
| 1.00     | EQUIPMENT OPERATOR | Paul Beaver     |            |        |
| 1.00     | EQUIPMENT OPERATOR | Wayne McGhghy   |            |        |

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

\$ 9,507.96

ONLY IF PAID ON OR BEFORE  
May 22, 2014

|                        |                  |                  |
|------------------------|------------------|------------------|
| Subtotal               |                  | 34,906.61        |
| Sales Tax              | 0.00             | 1,880.13         |
| Total Invoice Amount   |                  | 36,786.74        |
| Payment/Credit Applied | 9,507.96         |                  |
| <b>TOTAL</b>           | <b>36,786.74</b> | <b>36,786.74</b> |

000

27,278.78



# ALLIED OIL & GAS SERVICES, LLC 063483

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Cakley KS  
Bot 4:30am 5:30am

|                         |                  |                                            |                 |                     |                                  |                            |                              |
|-------------------------|------------------|--------------------------------------------|-----------------|---------------------|----------------------------------|----------------------------|------------------------------|
| DATE <u>4-27-14</u>     | SEC. <u>1</u>    | TWP. <u>17</u>                             | RANGE <u>34</u> | CALLED OUT          | ON LOCATION <u>9:00 p.m. 7/1</u> | JOB START <u>9:30 a.m.</u> | JOB FINISH <u>10:30 a.m.</u> |
| LEASE <u>Beeson #1</u>  | WELL# <u>1-1</u> | LOCATION <u>Cakley 5 to Hwy 4, 6W, 1W,</u> |                 | COUNTY <u>Scott</u> | STATE <u>KS</u>                  |                            |                              |
| OLD OR NEW (Circle one) |                  | <u>1/2 W, Sinto</u>                        |                 |                     |                                  |                            |                              |

CONTRACTOR Murfin 21

TYPE OF JOB Production (2 stage)

HOLE SIZE 7 7/8 T.D. 4850

CASING SIZE 5 1/2 (15.5") DEPTH 4835.40

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL SV Tool DEPTH 2370'

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 21.05'

CEMENT LEFT IN CSG. 21.05'

PERFS. \_\_\_\_\_

DISPLACEMENT Bottom 60 bbl water, 54.58 bbl mud  
Top 56.41 bbl water

OWNER Same

CEMENT

AMOUNT ORDERED Bottom stage - 150 sks ASC

10% salt, 5% bitumite, 2% gel, 30% FL-160, 5% Defoamer, 125 Cement Fibers Topstage 470

sks 65/35 6% gel 1/4" F10 Seal, 500 gal super flush

|                   |                      |       |           |
|-------------------|----------------------|-------|-----------|
| COMMON            | @                    |       |           |
| POZMIX            | @                    |       |           |
| GEL               | @                    |       |           |
| CHLORIDE          | @                    |       |           |
| ASC               | 150 sks @            | 20.96 | 3135.00   |
| Lite              | 470 sks @            | 16.50 | 7755.00   |
| Gilsonite         | 750 @                | .98   | 735.00    |
| FL-160            | 43 @                 | 18.90 | 812.70    |
| Powdered Defoamer | 21 @                 | 9.80  | 205.80    |
| Cement Fibers     | 19 @                 | 26.80 | 509.20    |
| F10-Seal          | 117.5 @              | 2.97  | 348.98    |
| WFR-II            | 126 @                | 5.87  | 740.40    |
| Material          | @ total              |       | 14,206.08 |
| HANDLING          | 727.27 @             | 2.48  | 1803.63   |
| MILEAGE           | 30.43 tons x 50 mi @ | 2.60  | 3981.90   |

PUMP TRUCK CEMENTER Paul Beaver

# 431 HELPER Wayne Maghgy

BULK TRUCK

# 600 DRIVER Juan Z. (TWS)

BULK TRUCK

# 386/241 DRIVER Greg (TWS)

REMARKS:

Bottom stage

Mix 12 bbl super flush, mix 150 sks ASC

Displace w/ water + mud, plug did land

@ 1700 # w/ 1000 # lift pressure float

did hold, opened tool @ 900 # circ 4 hrs

Topstage mix 30 sks in P.H. mix 15 sks

in M.H. mix 425 sks Lite, Displace w/

water, plug did land @ 1800 # w/ 1800 #

lift pressure, Tool did dose, cement

did circulate 20 sks to pit

material (3,977.11/288)

SERVICE

|                   |         |                  |
|-------------------|---------|------------------|
| DEPTH OF JOB      | Bottom  | Top              |
| PUMP TRUCK CHARGE | 2765.75 | 2406.25          |
| EXTRA FOOTAGE     | @       |                  |
| MILEAGE M/HV      | 50 @    | 17.70 395.00     |
| MANIFOLD          | Head    | @ 275.00         |
|                   | Mix     | 50 @ 4.40 220.00 |

CHARGE TO: Landmark

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

(3,213.70/288) TOTAL \$ 11,477.53

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.

PLUG & FLOAT EQUIPMENT

Weatherford (5 1/2)

|                        |      |                  |
|------------------------|------|------------------|
| AFL Elect shoe         | @    | 545.00           |
| Latdown Flex Plug Assy | @    | 660.00           |
| DV TOOL                | @    | 5335.00          |
| Centralizers           | 12 @ | 57.00 684.00     |
| Baskets                | 5 @  | 375.00 1875.00   |
| Lock ring              | 1 @  | 59.00            |
| (BID is Different)     |      | TOTAL \$ 8863.00 |
|                        |      | (2015.75/25%)    |

PRINTED NAME \_\_\_\_\_

SIGNATURE Paul Beaver

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 34,546.61

DISCOUNT 9407.16 (288/25%) IF PAID IN 30 DAYS

25,139.45 Net



BIO SHEET



Hide/Unhide Rows

|                |                  |
|----------------|------------------|
| Date           | April 23, 2014   |
| Ticket Number  |                  |
| Service Point  | Oakley, KS       |
| Address        | P.O. Box 27      |
|                | Oakley, KS 67748 |
| Business Phone | 785-672-3452     |

|              |                                    |
|--------------|------------------------------------|
| Manager      | Terry Heinrich                     |
| E-mail       | terry.heinrich@alliedresources.com |
| Mobile Phone | 785-673-9376                       |

|                   |                          |                   |                              |             |                     |
|-------------------|--------------------------|-------------------|------------------------------|-------------|---------------------|
| Company           | Landmark Resources, Inc. | Prepared For:     | Bob Glenn                    | Well Data   |                     |
| Address           | 1616 Voss Rd., STE: 150  | Business Phone:   | 713-243-8550                 | Open Hole   | 7 7/8               |
| Address           | Houston, Texas 77057     | Email:            | robert@landmarkresources.com | Depth       | 4,850               |
| Well Name         | Beeson "A" Unit          | Mobile Phone:     |                              | String      | 4 Port Collar/Stage |
| Well Number       | # 1-1                    | Prepared By:      | Neal Rupp                    | Casing Size | 5 1/2               |
| Field             | Sec: 1-T175-R34W         | Email             | neal.rupp@alliedservices.com | ID          | 4,950               |
| County            | Scott                    | Mobile Phone:     | 316-250-7057                 | Weight      | 15.5                |
| State             | Kansas                   | Business Phone:   | 316-260-3368                 | Grade       | J-55                |
| City              |                          | Rig Contractor    |                              | Top (md)    |                     |
| API Number        |                          | Rig Name/No.      |                              | Btm (md)    | 4,850               |
| Specific Job Type | 04 Port Collar/Stage     | Rig Phone:        |                              | Thread      | 2,400               |
|                   |                          | Company Rep       |                              |             |                     |
|                   |                          | Rep Phone No.     |                              |             |                     |
|                   |                          | Mileage (one-way) | 50                           |             |                     |
|                   |                          | Proposal Date     | 4/23/2014                    |             |                     |

| OPERATIONS                                   | Units   | UOM         | Cost per Unit | Total        | Unit Net    | Net         | Cost per Unit | Cost Total | \$ GP      | % GP   |
|----------------------------------------------|---------|-------------|---------------|--------------|-------------|-------------|---------------|------------|------------|--------|
| Casing Pump Charge 4001' to 5000'            | 1.00    | for 6 hours | \$2,765.75    | \$ 2,765.75  | \$ 1,991.34 | \$1,991.34  |               |            |            |        |
| Stage Job - Additional Stages                | 1.00    | min. 4 hr   | \$2,406.25    | \$ 2,406.25  | \$ 1,732.50 | \$1,732.50  |               |            |            |        |
| Cementing Head Rental with Manifold          | 1.00    | per day     | \$275.00      | \$ 275.00    | \$ 193.00   | \$193.00    |               |            |            |        |
| Subtotal                                     |         |             |               | \$ 5,447.00  |             | \$3,921.84  |               |            |            |        |
| <b>EQUIPMENT SALES</b>                       |         |             |               |              |             |             |               |            |            |        |
| 5 1/2 AFU Float Shoe                         | 1.00    | each        | \$545.00      | \$ 545.00    | \$ 408.75   | \$408.75    | \$57.19       | \$57.19    | \$351.56   | 86.0%  |
| 5 1/2 Latch Down Plug                        | 1.00    | each IR     | \$325.00      | \$ 325.00    | \$ 243.75   | \$243.75    | \$50.63       | \$50.63    | \$193.12   | 79.2%  |
| 5 1/2 Stage Collar Standard                  | 1.00    | each        | \$5,335.00    | \$ 5,335.00  | \$ 4,001.25 | \$4,001.25  | \$3,447.31    | \$3,447.31 | \$553.94   | 13.8%  |
| 5 1/2 Cement Basket                          | 1.00    | each        | \$395.00      | \$ 395.00    | \$ 296.25   | \$296.25    | \$170.00      | \$170.00   | \$126.25   | 42.6%  |
| 5 1/2 Centralizer                            | 8.00    | each        | \$57.00       | \$ 456.00    | \$ 42.75    | \$342.00    | \$24.57       | \$196.56   | \$145.44   | 42.5%  |
| Subtotal                                     |         |             |               | \$ 7,056.00  |             | \$5,292.00  |               | \$3,921.69 | \$1,370.31 | 25.89% |
| <b>PRODUCTS</b>                              |         |             |               |              |             |             |               |            |            |        |
| LC Spacer+                                   | 20.00   | per bbl     | \$275.00      | \$ 5,500.00  | \$ 198.00   | \$3,960.00  | #N/A          | #N/A       | #N/A       | #N/A   |
| ALLIED SPECIAL BLEND CEMENT - CLASS A        | 150.00  | per sack    | \$20.99       | \$ 3,135.00  | \$ 15.05    | \$2,257.20  | \$0.00        | \$0.00     | \$2,257.20 | 100.0% |
| Kol Seal                                     | 750.00  | per pound   | \$0.98        | \$ 735.00    | \$ 0.71     | \$529.20    | \$0.22        | \$165.00   | \$364.20   | 68.8%  |
| Fluid Loss - FL-160                          | 43.00   | per pound   | \$18.90       | \$ 812.70    | \$ 13.61    | \$585.14    | \$3.61        | \$155.23   | \$429.91   | 73.5%  |
| Powdered Defoamer                            | 21.00   | per pound   | \$9.80        | \$ 205.80    | \$ 7.06     | \$148.18    | \$0.87        | \$18.27    | \$129.91   | 87.7%  |
| Cement Fibers                                | 19.00   | per pound   | \$26.80       | \$ 509.20    | \$ 19.30    | \$366.67    | #N/A          | #N/A       | #N/A       | #N/A   |
| ALLIED LIGHT WEIGHT CEMENT: TYPE 1 - CLASS A | 400.00  | per sack    | \$16.50       | \$ 6,600.00  | \$ 11.88    | \$4,752.00  | \$0.00        | \$0.00     | \$4,752.00 | 100.0% |
| Flo Seal                                     | 100.00  | per pound   | \$2.97        | \$ 297.00    | \$ 2.14     | \$213.84    | \$1.08        | \$108.00   | \$105.84   | 49.5%  |
| ALLIED LIGHT WEIGHT CEMENT: TYPE 1 - CLASS A | 45.00   | per sack    | \$16.50       | \$ 742.50    | \$ 11.88    | \$534.60    | \$0.00        | \$0.00     | \$534.60   | 100.0% |
| Flo Seal                                     | 12.00   | per pound   | \$2.97        | \$ 35.64     | \$ 2.14     | \$25.66     | \$1.08        | \$12.96    | \$12.70    | 49.5%  |
| Subtotal                                     |         |             |               | \$ 18,572.84 |             | \$13,372.44 |               | #N/A       | #N/A       | #N/A   |
| <b>TRANSPORT</b>                             |         |             |               |              |             |             |               |            |            |        |
| Products handling service charge             | 688.64  | per cu. Ft. | \$2.48        | \$ 1,707.83  | \$ 1.79     | \$1,229.64  |               |            |            |        |
| Drayage for Products                         | 1450.50 | ton-mile    | \$2.60        | \$ 3,771.30  | \$ 1.87     | \$2,715.33  |               |            |            |        |
| Light Vehicle Mileage                        | 50.00   | per mile    | \$4.40        | \$ 220.00    | \$ 3.17     | \$158.40    |               |            |            |        |
| Heavy Vehicle Mileage                        | 50.00   | per mile    | \$7.70        | \$ 385.00    | \$ 5.54     | \$277.20    |               |            |            |        |
| Subtotal                                     |         |             |               | \$ 6,084.13  |             | \$4,380.57  |               |            |            |        |
| Totals:                                      |         |             |               | \$ 37,159.97 |             | \$26,966.86 |               |            |            |        |
| DISCOUNT: Operations                         |         |             | 28.0%         | (1,525.16)   |             |             |               |            |            |        |
| DISCOUNT: Equipment Sales                    |         |             | 25.0%         | (1,764.00)   |             |             |               |            |            |        |
| DISCOUNT: Products                           |         |             | 28.0%         | (5,200.40)   |             |             |               |            |            |        |
| DISCOUNT: Transport                          |         |             | 28.0%         | (1,703.56)   |             |             |               |            |            |        |
| DISCOUNT: ADDITIONAL ITEMS                   |         |             | 28.0%         | 0.00         |             |             |               |            |            |        |
| Total                                        |         |             |               | (10,193.11)  |             |             |               |            |            |        |

|                 |             |             |             |            |            |        |
|-----------------|-------------|-------------|-------------|------------|------------|--------|
|                 | Gross       | Discount    | Final       | Costs:     | \$ GP      | % GP   |
| Services Total  | \$11,531.13 | \$3,228.72  | \$8,302.41  | \$3,736.08 | \$4,566.33 | 55.00% |
| Materials Total | \$25,628.84 | \$8,964.40  | \$18,664.44 | #N/A       | #N/A       | #N/A   |
| Final Total     | \$37,159.97 | \$10,193.11 | \$26,966.86 | Total      | #N/A       | #N/A   |

| ADDITIONAL ITEMS                         |      |          |          |           |           |          |  |  |  |  |
|------------------------------------------|------|----------|----------|-----------|-----------|----------|--|--|--|--|
| Additional hours, in excess of set hours | 1.00 | per hour | \$440.00 | \$ 440.00 | \$ 316.80 | \$316.80 |  |  |  |  |



## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

ATTN: Terry McLeoud

### **Beeson A Unit #1-1**

### **1-17s-32w Scott,KS**

Start Date: 2014.04.24 @ 05:51:07

End Date: 2014.04.24 @ 13:30:52

Job Ticket #: 56338                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.05.02 @ 09:57:17



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 56338

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2014.04.24 @ 05:51:07

## GENERAL INFORMATION:

Formation: **Marmaton A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:01:52

Time Test Ended: 13:30:52

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 55

**Interval: 4417.00 ft (KB) To 4465.00 ft (KB) (TVD)**

Reference Elevations: 3111.00 ft (KB)

Total Depth: 4465.00 ft (KB) (TVD)

3100.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6771 Inside**

Press@RunDepth: 23.34 psig @ 4418.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.24

End Date:

2014.04.24

Last Calib.:

2014.04.24

Start Time:

05:51:07

End Time:

13:25:52

Time On Btm:

2014.04.24 @ 08:01:37

Time Off Btm:

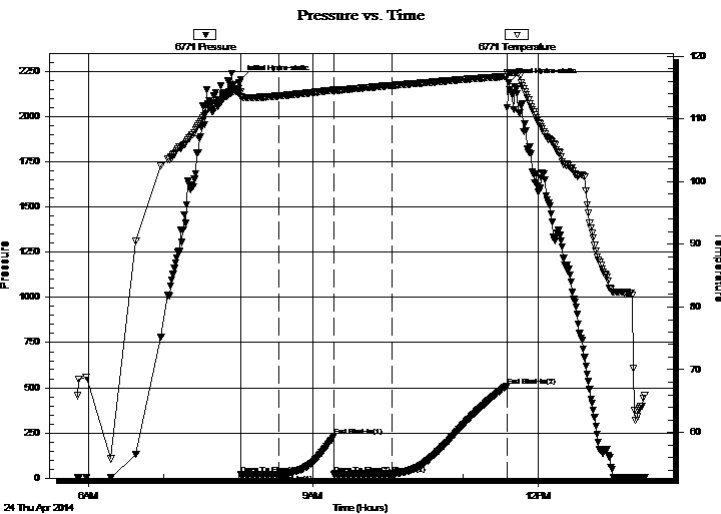
2014.04.24 @ 11:36:37

TEST COMMENT: Weak blow died in 9 min

No return

No blow

No return



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2206.12         | 114.28       | Initial Hydro-static |
| 1           | 20.70           | 113.56       | Open To Flow (1)     |
| 31          | 22.48           | 113.66       | Shut-In(1)           |
| 75          | 229.59          | 114.61       | End Shut-In(1)       |
| 76          | 21.82           | 114.49       | Open To Flow (2)     |
| 122         | 23.34           | 115.33       | Shut-In(2)           |
| 214         | 510.09          | 116.79       | End Shut-In(2)       |
| 215         | 2187.55         | 117.42       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                | Volume (bbl) |
|-------------|----------------------------|--------------|
| 5.00        | mud 100% oil spots in tool | 0.02         |
|             |                            |              |
|             |                            |              |
|             |                            |              |
|             |                            |              |

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc

1-17s-32w Scott,KS

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 56338

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2014.04.24 @ 05:51:07

## GENERAL INFORMATION:

Formation: **Marmaton A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:01:52

Time Test Ended: 13:30:52

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 55

Interval: **4417.00 ft (KB) To 4465.00 ft (KB) (TVD)**

Reference Elevations: 3111.00 ft (KB)

Total Depth: 4465.00 ft (KB) (TVD)

3100.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8844 Outside**

Press@RunDepth: psig @ 4418.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.24

End Date:

2014.04.24

Last Calib.:

2014.04.24

Start Time: 05:51:03

End Time:

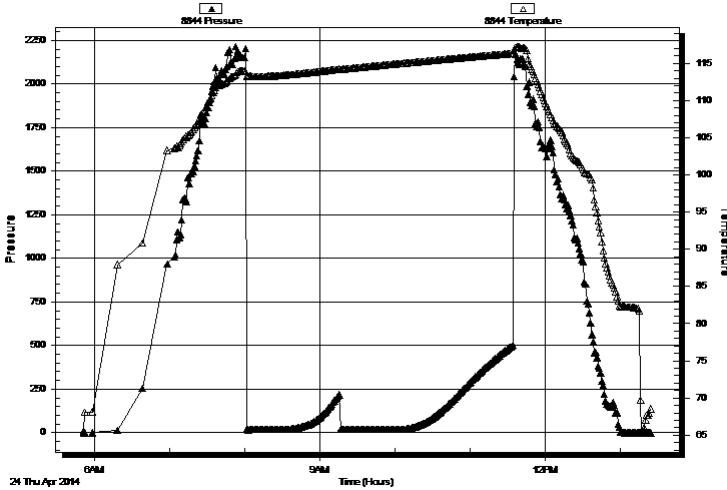
13:25:18

Time On Btm:

Time Off Btm:

TEST COMMENT: Weak blow died in 9 min  
No return  
No blow  
No return

Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

| Length (ft) | Description                | Volume (bbl) |
|-------------|----------------------------|--------------|
| 5.00        | mud 100% oil spots in tool | 0.02         |
|             |                            |              |
|             |                            |              |
|             |                            |              |
|             |                            |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 56338

**DST#: 1**

ATTN: Terry McLeod

Test Start: 2014.04.24 @ 05:51:07

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4142.00 ft | Diameter: 3.80 inches | Volume: 58.10 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: 25000.00 lb  |
| Drill Collar:             | Length: 275.00 ft  | Diameter: 2.25 inches | Volume: 1.35 bbl               | Weight to Pull Loose: 95000.00 lb  |
|                           |                    |                       | <u>Total Volume: 59.45 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 23.00 ft           |                       |                                | String Weight: Initial 75000.00 lb |
| Depth to Top Packer:      | 4417.00 ft         |                       |                                | Final 75000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 48.00 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        |            |          | 4395.00    |                               |
| Shut In Tool     | 5.00        |            |          | 4400.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4405.00    |                               |
| Safety Joint     | 3.00        |            |          | 4408.00    |                               |
| Packer           | 5.00        |            |          | 4413.00    | 23.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4417.00    |                               |
| Stubb            | 1.00        |            |          | 4418.00    |                               |
| Recorder         | 0.00        | 6771       | Inside   | 4418.00    |                               |
| Recorder         | 0.00        | 8844       | Outside  | 4418.00    |                               |
| Perforations     | 9.00        |            |          | 4427.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4428.00    |                               |
| Drill Pipe       | 31.00       |            |          | 4459.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4460.00    |                               |
| Bullnose         | 5.00        |            |          | 4465.00    | 48.00 Bottom Packers & Anchor |

**Total Tool Length: 71.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Landmark Resources Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 56338

**DST#: 1**

ATTN: Terry McLeoud

Test Start: 2014.04.24 @ 05:51:07

### 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in<sup>3</sup>

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<br>ft | Description                | Volume<br>bbl |
|--------------|----------------------------|---------------|
| 5.00         | mud 100% oil spots in tool | 0.025         |

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

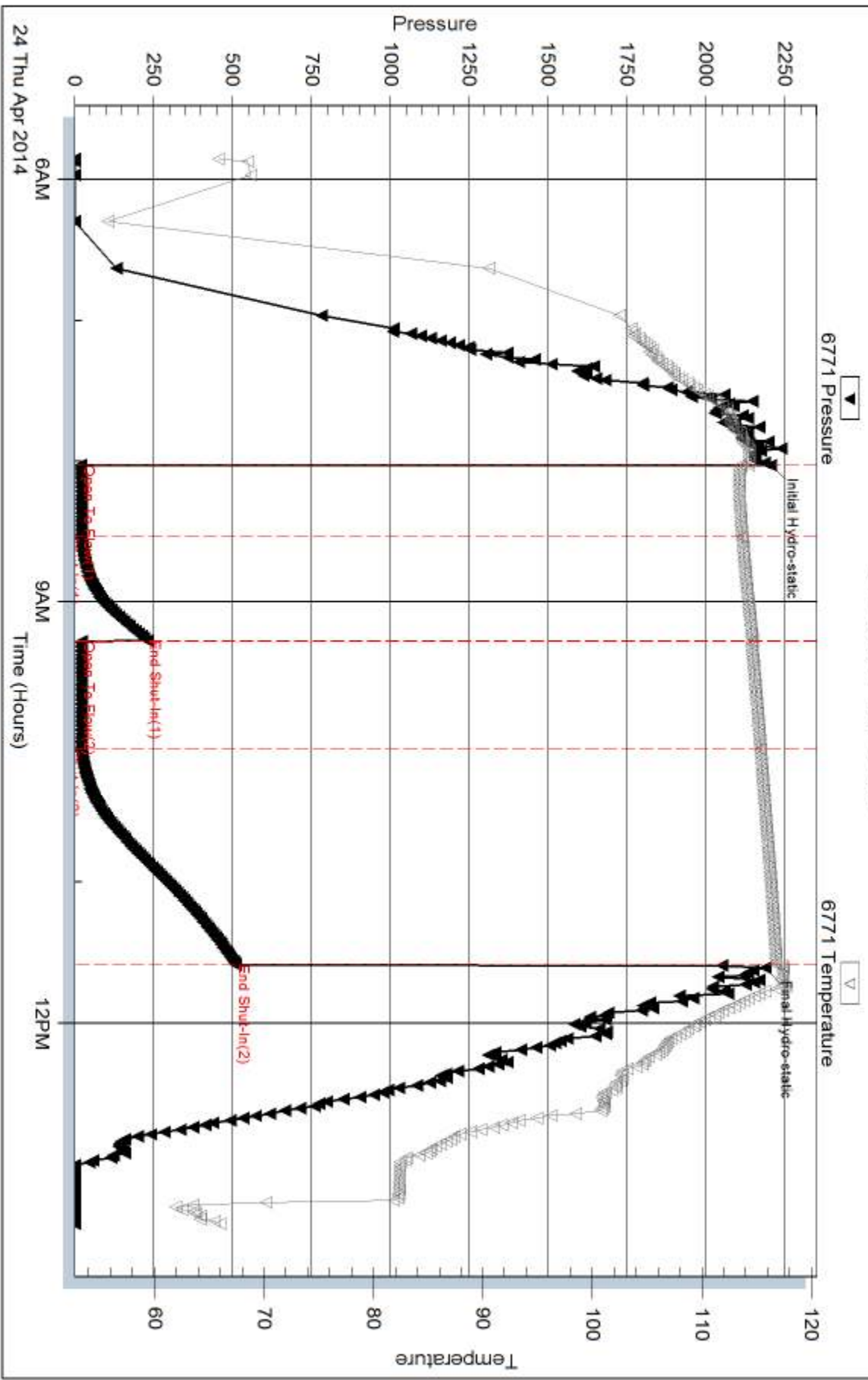
Serial #:

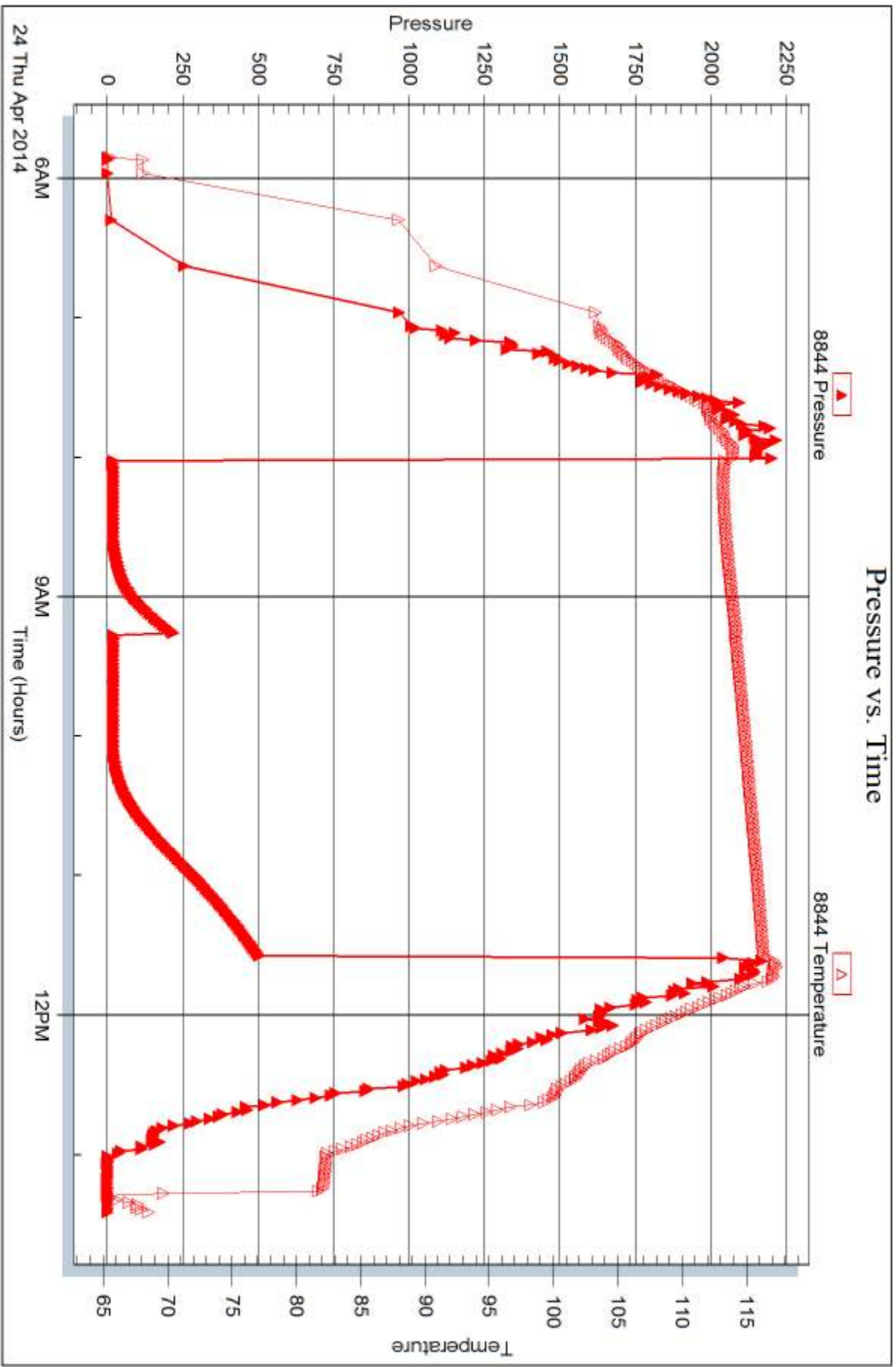
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

ATTN: Terry McLeoud

### **Beeson A Unit #1-1**

### **1-17s-32w Scott,KS**

Start Date: 2014.04.25 @ 00:05:33

End Date: 2014.04.25 @ 07:45:33

Job Ticket #: 56339                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.05.02 @ 09:56:54





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

ATTN: Terry McLeod

Job Ticket: 56339

**DST#: 2**

Test Start: 2014.04.25 @ 00:05:33

## GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:00:33

Time Test Ended: 07:45:33

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

**Interval: 4463.00 ft (KB) To 4530.00 ft (KB) (TVD)**

Reference Elevations: 3111.00 ft (KB)

Total Depth: 4530.00 ft (KB) (TVD)

3100.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6771 Inside**

Press@RunDepth: 171.07 psig @ 4464.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.25

End Date:

2014.04.25

Last Calib.: 2014.04.25

Start Time: 00:05:33

End Time:

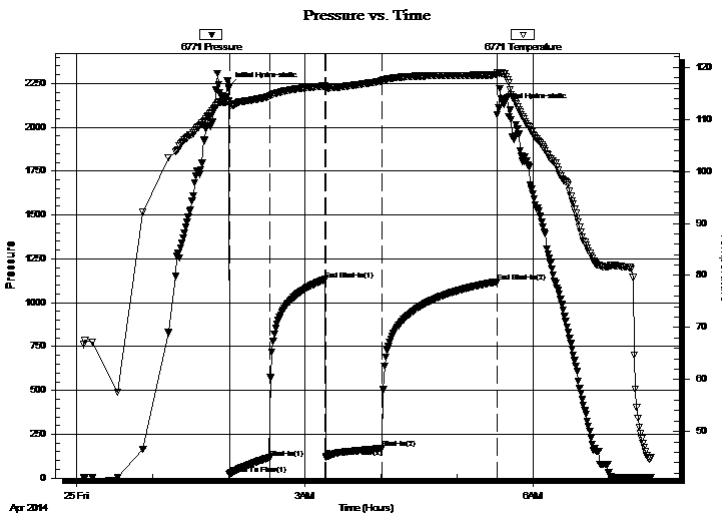
07:33:33

Time On Btm: 2014.04.25 @ 02:00:18

Time Off Btm: 2014.04.25 @ 05:33:18

**TEST COMMENT:** 6 1/2" blow  
No return  
5 1/2" blow  
No return

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2231.52         | 113.49       | Initial Hydro-static |
| 1           | 22.02           | 112.82       | Open To Flow (1)     |
| 32          | 115.86          | 114.39       | Shut-In(1)           |
| 76          | 1131.70         | 116.41       | End Shut-In(1)       |
| 77          | 119.10          | 116.03       | Open To Flow (2)     |
| 121         | 171.07          | 117.36       | Shut-In(2)           |
| 212         | 1119.91         | 118.55       | End Shut-In(2)       |
| 213         | 2112.36         | 118.91       | Final Hydro-static   |

## Recovery

| Length (ft) | Description   | Volume (bbl) |
|-------------|---------------|--------------|
| 125.00      | water 100w    | 0.61         |
| 120.00      | m c w 30m 70w | 0.59         |
| 90.00       | w c m 40w 60m | 0.99         |
|             |               |              |
|             |               |              |

## Gas Rates

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

\* Recovery from multiple tests



# DRILL STEM TEST REPORT

Landmark Resources Inc

1-17s-32w Scott,KS

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

ATTN: Terry McLeod

Job Ticket: 56339

**DST#: 2**

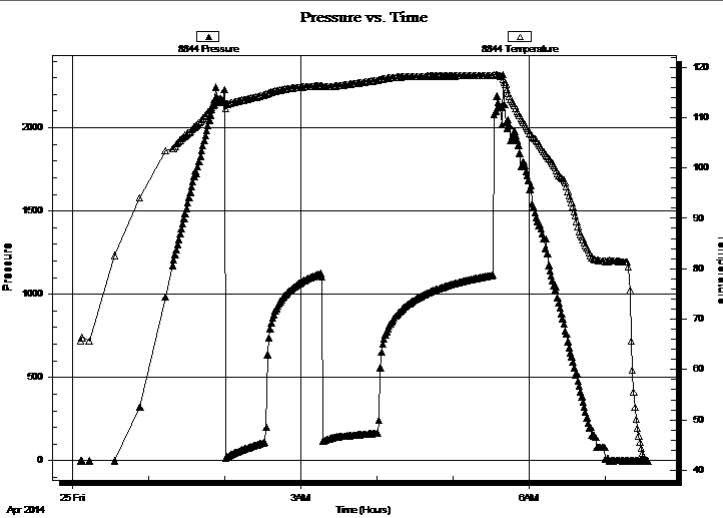
Test Start: 2014.04.25 @ 00:05:33

### GENERAL INFORMATION:

Formation: **Altamont**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:00:33  
 Time Test Ended: 07:45:33  
 Interval: **4463.00 ft (KB) To 4530.00 ft (KB) (TVD)**  
 Total Depth: 4530.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 3111.00 ft (KB)  
 3100.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8844** **Outside**  
 Press@RunDepth: psig @ 4464.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.04.25 End Date: 2014.04.25 Last Calib.: 2014.04.25  
 Start Time: 00:06:13 End Time: 07:33:58 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 6 1/2" blow  
 No return  
 5 1/2" blow  
 No return



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

| Recovery    |               |              |
|-------------|---------------|--------------|
| Length (ft) | Description   | Volume (bbl) |
| 125.00      | water 100w    | 0.61         |
| 120.00      | m c w 30m 70w | 0.59         |
| 90.00       | w c m 40w 60m | 0.99         |
|             |               |              |
|             |               |              |
|             |               |              |

| 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 Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 56339

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2014.04.25 @ 00:05:33

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4175.00 ft | Diameter: 3.80 inches | Volume: 58.56 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: 25000.00 lb  |
| Drill Collar:             | Length: 275.00 ft  | Diameter: 2.25 inches | Volume: 1.35 bbl               | Weight to Pull Loose: 95000.00 lb  |
|                           |                    |                       | <u>Total Volume: 59.91 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 10.00 ft           |                       |                                | String Weight: Initial 77000.00 lb |
| Depth to Top Packer:      | 4463.00 ft         |                       |                                | Final 79000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 67.00 ft           |                       |                                |                                    |
| Tool Length:              | 90.00 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        |            |          | 4441.00    |                               |
| Shut In Tool     | 5.00        |            |          | 4446.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4451.00    |                               |
| Safety Joint     | 3.00        |            |          | 4454.00    |                               |
| Packer           | 5.00        |            |          | 4459.00    | 23.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4463.00    |                               |
| Stubb            | 1.00        |            |          | 4464.00    |                               |
| Recorder         | 0.00        | 6771       | Inside   | 4464.00    |                               |
| Recorder         | 0.00        | 8844       | Outside  | 4464.00    |                               |
| Perforations     | 28.00       |            |          | 4492.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4493.00    |                               |
| Drill Pipe       | 31.00       |            |          | 4524.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4525.00    |                               |
| Bullnose         | 5.00        |            |          | 4530.00    | 67.00 Bottom Packers & Anchor |

**Total Tool Length: 90.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Landmark Resources Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 56339

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2014.04.25 @ 00:05:33

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description   | Volume<br>bbbl |
|--------------|---------------|----------------|
| 125.00       | water 100w    | 0.615          |
| 120.00       | m c w 30m 70w | 0.590          |
| 90.00        | w c m 40w 60m | 0.989          |

Total Length: 335.00 ft      Total Volume: 2.194 bbl

Num Fluid Samples: 0

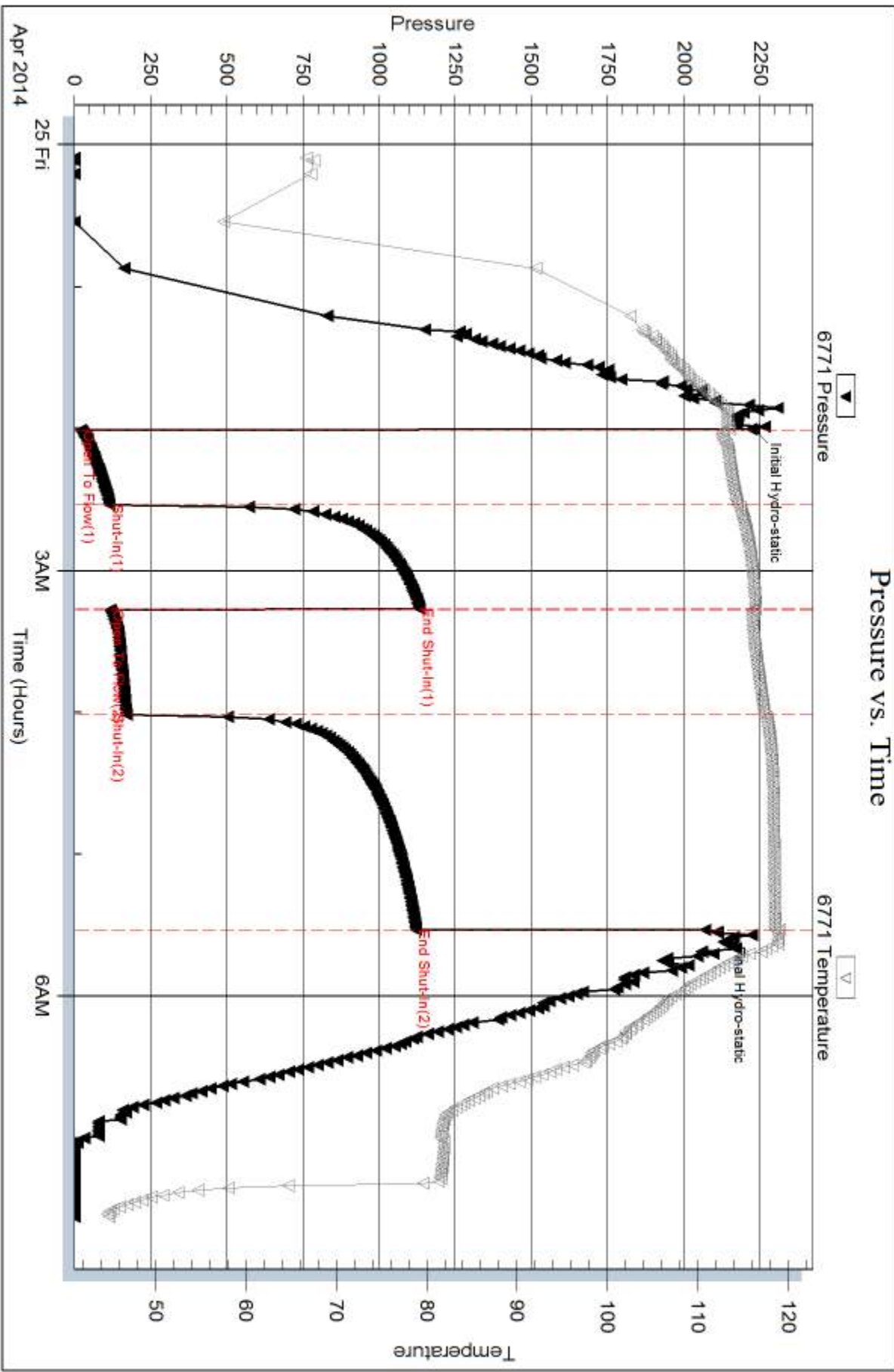
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .415 @ 45\*f= 27,000 chlor

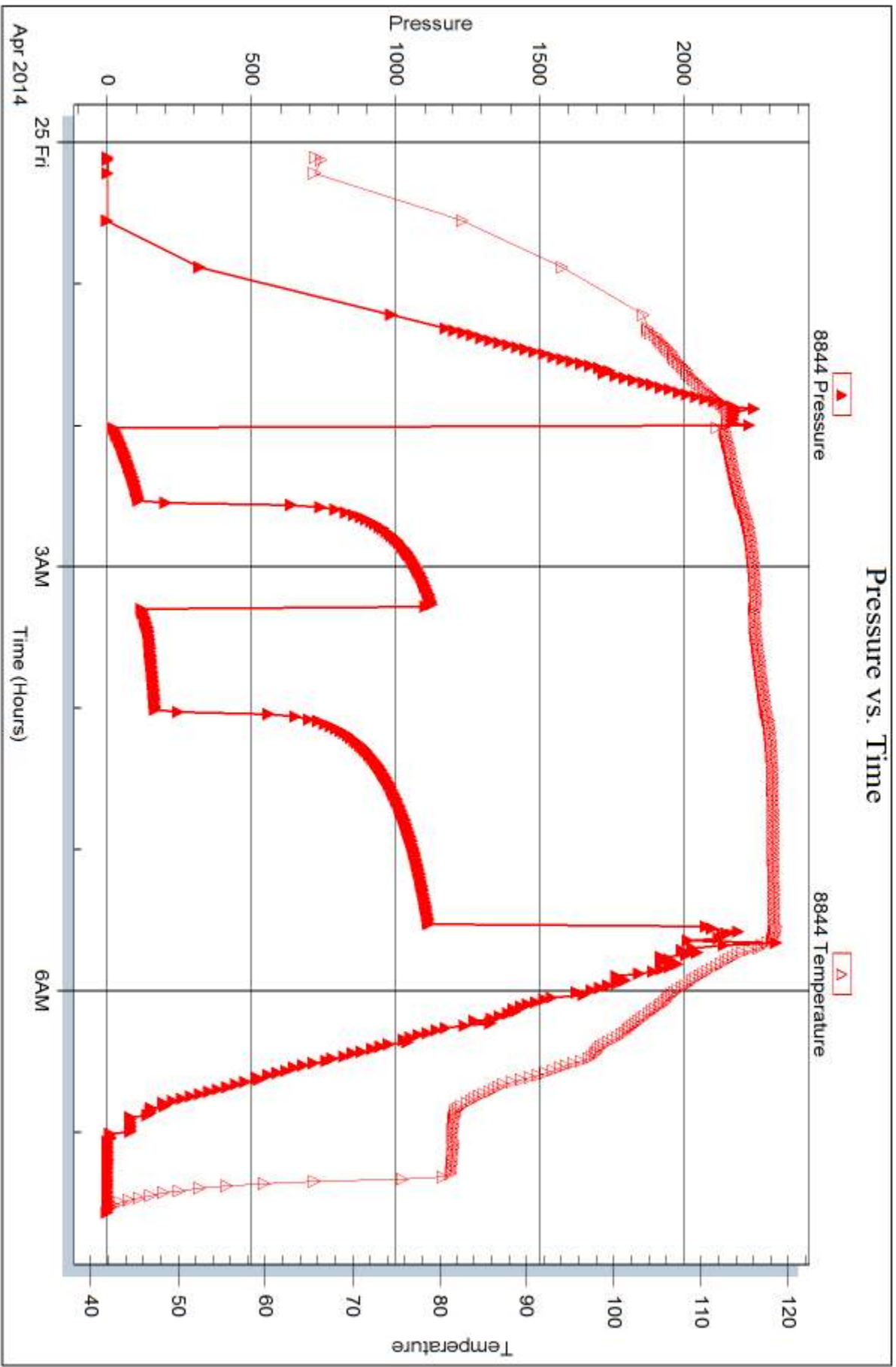


Serial #: 8844

Outside Landmark Resources Inc

Beeson A Unit #1-1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 56339

Printed: 2014.05.02 @ 09:56:55





## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

ATTN: Terry McLeoud

### **Beeson A Unit #1-1**

### **1-17s-32w Scott,KS**

Start Date: 2014.04.26 @ 03:00:15

End Date: 2014.04.26 @ 10:40:00

Job Ticket #: 56340                      DST #: 3

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.05.02 @ 09:56:29



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc  
 1616 S. Voss Rd Ste 600  
 Houston, TX 77057-2641  
 ATTN: Terry McLeod

**1-17s-32w Scott,KS**

**Beeson A Unit #1-1**

Job Ticket: 56340      **DST#: 3**  
 Test Start: 2014.04.26 @ 03:00:15

## GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock:                      ft (KB)  
 Time Tool Opened: 04:56:00  
 Time Test Ended: 10:40:00  
 Interval: **4662.00 ft (KB) To 4730.00 ft (KB) (TVD)**  
 Total Depth: 4730.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 3111.00 ft (KB)  
 3100.00 ft (CF)  
 KB to GR/CF: 11.00 ft

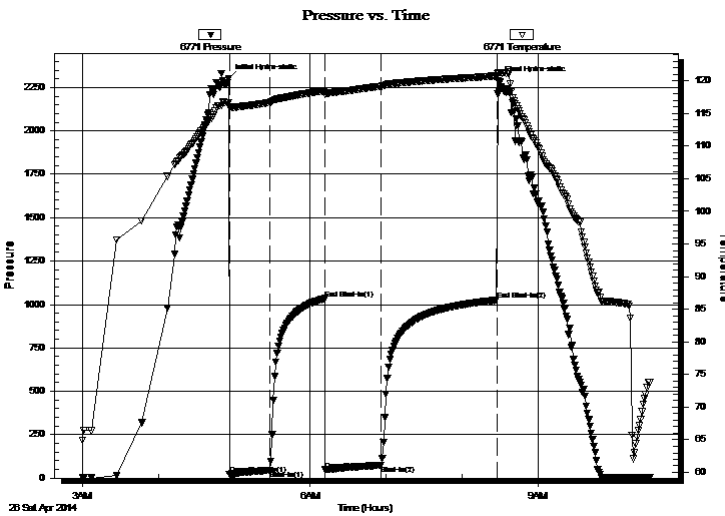
## Serial #: 6771

Inside

Press@RunDepth: 74.58 psig @ 4663.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.04.26      End Date: 2014.04.26      Last Calib.: 2014.04.26  
 Start Time: 03:00:15      End Time: 10:28:00      Time On Btm: 2014.04.26 @ 04:55:30  
 Time Off Btm: 2014.04.26 @ 08:28:15

TEST COMMENT: 2" blow  
 No return  
 1/4" blow  
 No return

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2301.68         | 116.68       | Initial Hydro-static |
| 1           | 20.94           | 115.98       | Open To Flow (1)     |
| 33          | 45.46           | 116.70       | Shut-In(1)           |
| 76          | 1034.03         | 118.48       | End Shut-In(1)       |
| 77          | 48.23           | 117.98       | Open To Flow (2)     |
| 121         | 74.58           | 119.15       | Shut-In(2)           |
| 212         | 1025.09         | 120.77       | End Shut-In(2)       |
| 213         | 2287.42         | 121.20       | Final Hydro-static   |

## Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 70.00       | mud w/oil scum | 0.34         |
|             |                |              |
|             |                |              |
|             |                |              |
|             |                |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Landmark Resources Inc  
 1616 S. Voss Rd Ste 600  
 Houston, TX 77057-2641  
 ATTN: Terry McLeod

**1-17s-32w Scott,KS**  
**Beeson A Unit #1-1**  
 Job Ticket: 56340 **DST#: 3**  
 Test Start: 2014.04.26 @ 03:00:15

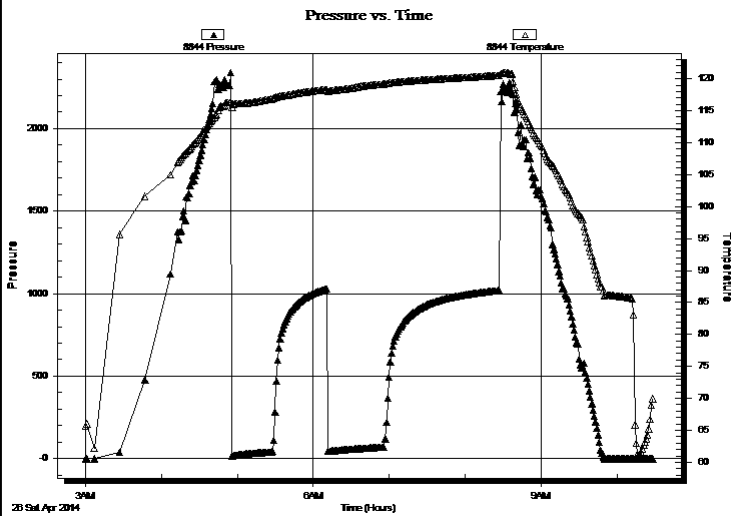
**GENERAL INFORMATION:**

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:56:00  
 Time Test Ended: 10:40:00  
**Interval: 4662.00 ft (KB) To 4730.00 ft (KB) (TVD)**  
 Total Depth: 4730.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 3111.00 ft (KB)  
 3100.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8844 Outside**

Press@RunDepth: psig @ 4663.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.04.26 End Date: 2014.04.26 Last Calib.: 2014.04.26  
 Start Time: 03:00:15 End Time: 10:28:00 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 2" blow  
 No return  
 1/4" blow  
 No return



**PRESSURE SUMMARY**

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

**Recovery**

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 70.00       | mud w/oil scum | 0.34         |
|             |                |              |
|             |                |              |
|             |                |              |
|             |                |              |

**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 Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 56340

**DST#: 3**

ATTN: Terry McLeod

Test Start: 2014.04.26 @ 03:00:15

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4395.00 ft | Diameter: 3.80 inches | Volume: 61.65 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: 25000.00 lb  |
| Drill Collar:             | Length: 275.00 ft  | Diameter: 2.25 inches | Volume: 1.35 bbl               | Weight to Pull Loose: 95000.00 lb  |
|                           |                    |                       | <u>Total Volume: 63.00 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 31.00 ft           |                       |                                | String Weight: Initial 78000.00 lb |
| Depth to Top Packer:      | 4662.00 ft         |                       |                                | Final 78000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 68.00 ft           |                       |                                |                                    |
| Tool Length:              | 91.00 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        |            |          | 4640.00    |                               |
| Shut In Tool     | 5.00        |            |          | 4645.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4650.00    |                               |
| Safety Joint     | 3.00        |            |          | 4653.00    |                               |
| Packer           | 5.00        |            |          | 4658.00    | 23.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4662.00    |                               |
| Stubb            | 1.00        |            |          | 4663.00    |                               |
| Recorder         | 0.00        | 6771       | Inside   | 4663.00    |                               |
| Recorder         | 0.00        | 8844       | Outside  | 4663.00    |                               |
| Perforations     | 29.00       |            |          | 4692.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4693.00    |                               |
| Drill Pipe       | 31.00       |            |          | 4724.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4725.00    |                               |
| Bullnose         | 5.00        |            |          | 4730.00    | 68.00 Bottom Packers & Anchor |

**Total Tool Length: 91.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Landmark Resources Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 56340

**DST#: 3**

ATTN: Terry McLeoud

Test Start: 2014.04.26 @ 03:00:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

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<br>ft | Description     | Volume<br>bbl |
|--------------|-----------------|---------------|
| 70.00        | mud w /oil scum | 0.344         |

Total Length: 70.00 ft      Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

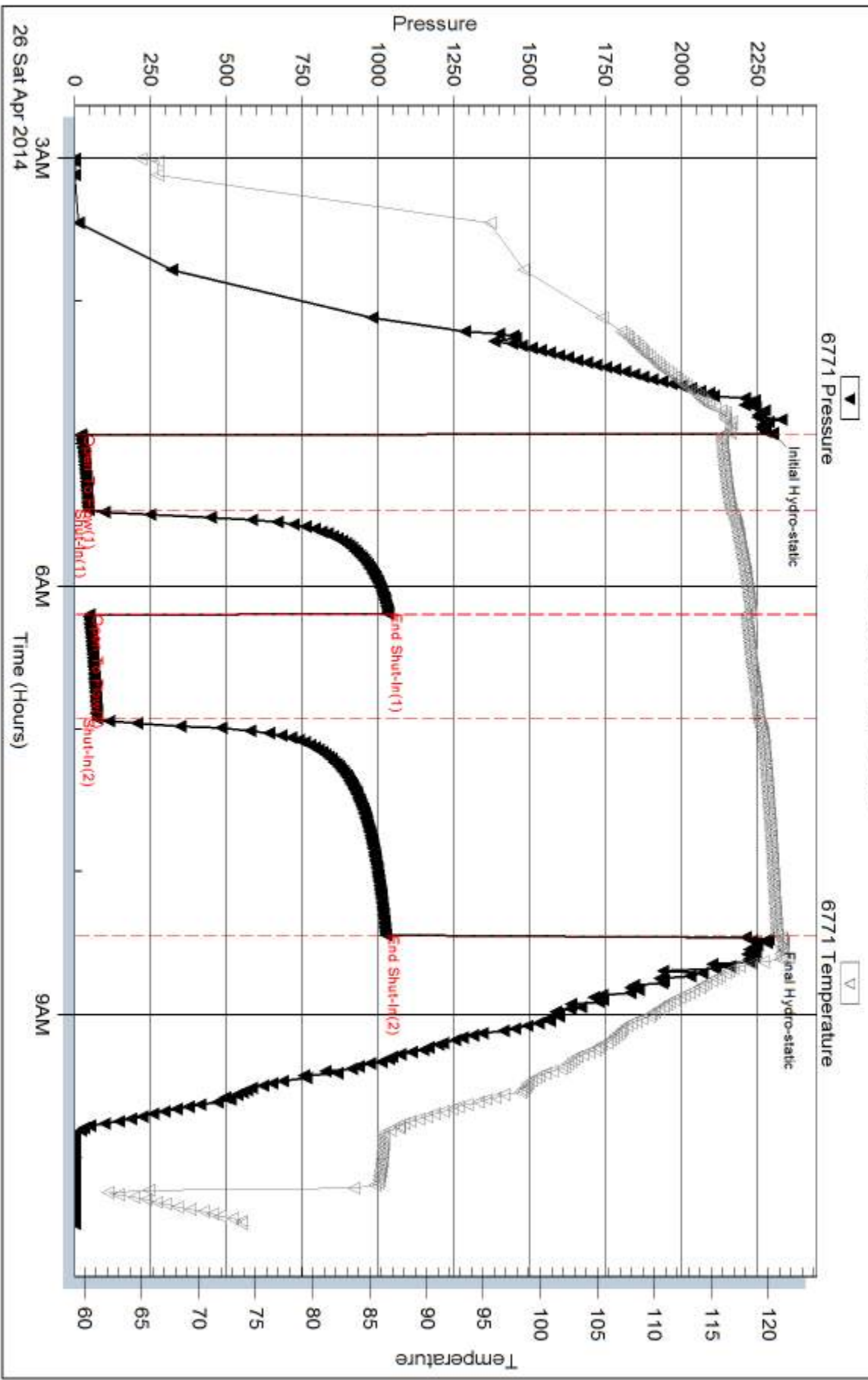
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



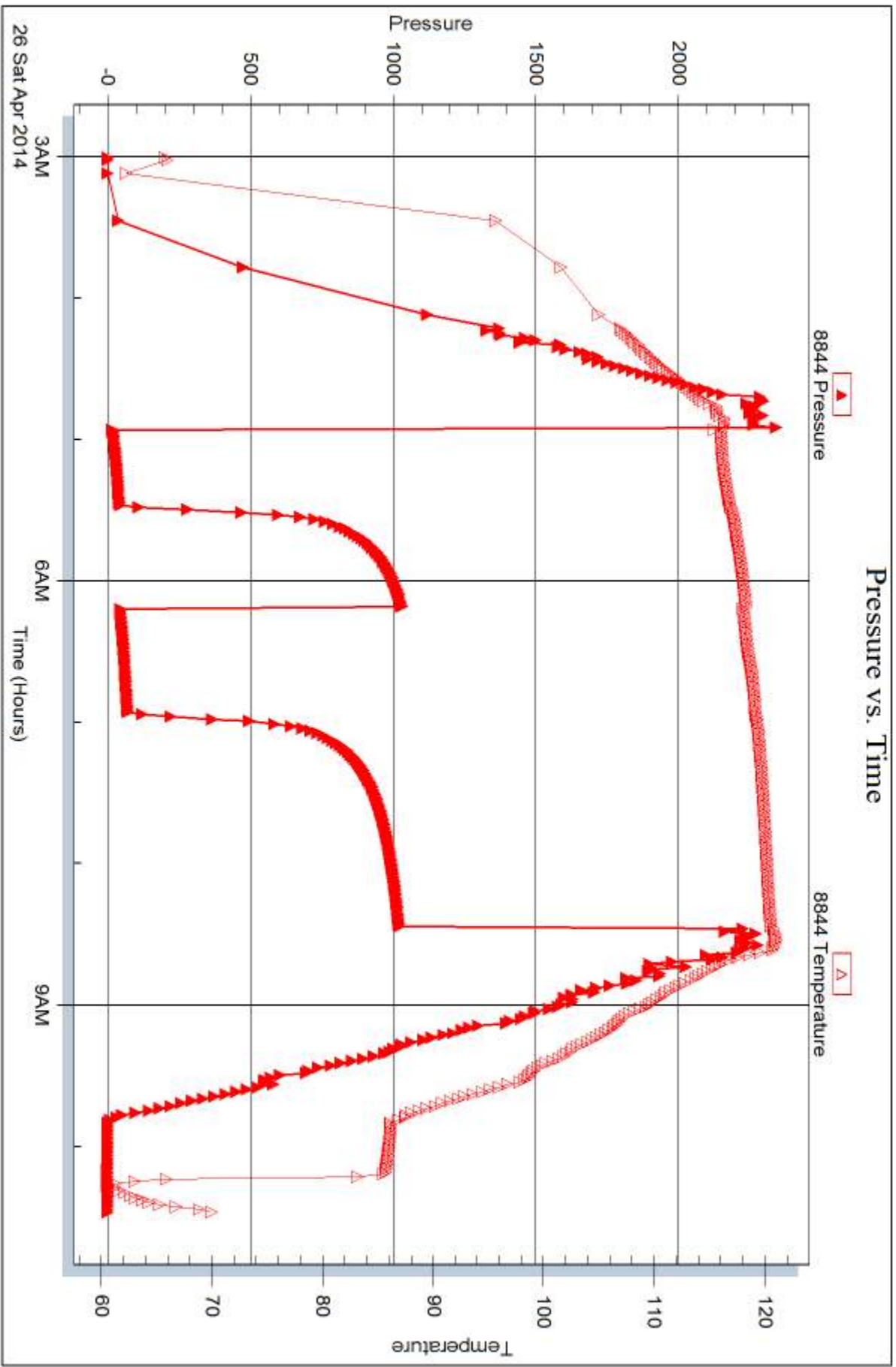


Serial #: 8844

Outside Landmark Resources Inc

Beeson A Unit #1-1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 56340

Printed: 2014.05.02 @ 09:56:30



## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

ATTN: Terry McLeoud

### **Beeson A Unit #1-1**

### **1-17s-32w Scott,KS**

Start Date: 2014.04.27 @ 07:08:00

End Date: 2014.04.27 @ 15:29:30

Job Ticket #: 57640                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.05.02 @ 09:48:10



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources Inc  
 1616 S. Voss Rd Ste 600  
 Houston, TX 77057-2641  
 ATTN: Terry McLeod

**1-17s-32w Scott,KS**

**Beeson A Unit #1-1**

Job Ticket: 57640

**DST#: 4**

Test Start: 2014.04.27 @ 07:08:00

## GENERAL INFORMATION:

Formation: **Marmaton - Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:35:15

Time Test Ended: 15:29:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

**Interval: 4416.00 ft (KB) To 4491.00 ft (KB) (TVD)**

Reference Elevations: 3111.00 ft (KB)

Total Depth: 4850.00 ft (KB) (TVD)

3100.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8522 Inside**

Press@RunDepth: 68.65 psig @ 4417.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.27 End Date: 2014.04.27

Last Calib.: 2014.04.27

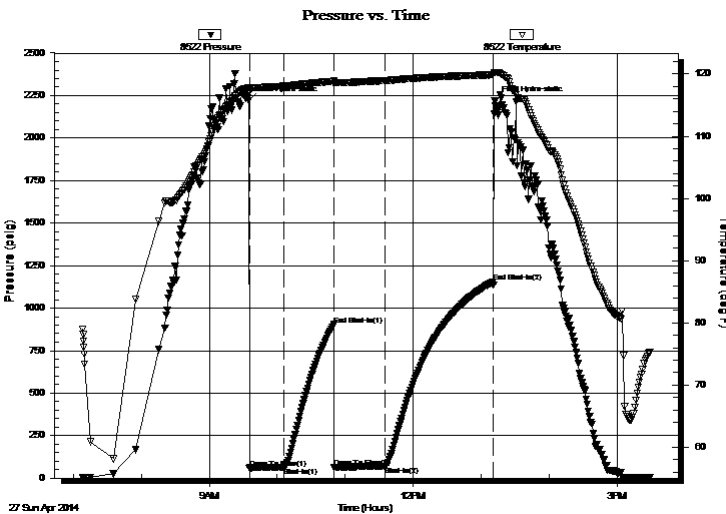
Start Time: 07:08:05 End Time: 15:29:29

Time On Btm: 2014.04.27 @ 09:34:45

Time Off Btm: 2014.04.27 @ 13:12:00

**TEST COMMENT:** IF: 1/2" blow, receded to a Surface blow.  
 IS: No return.  
 FF: No blow.  
 FS: No return

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2219.35         | 117.79       | Initial Hydro-static |
| 1           | 58.93           | 117.27       | Open To Flow (1)     |
| 31          | 63.04           | 118.05       | Shut-In(1)           |
| 76          | 902.99          | 118.85       | End Shut-In(1)       |
| 76          | 64.08           | 118.41       | Open To Flow (2)     |
| 120         | 68.65           | 118.94       | Shut-In(2)           |
| 216         | 1154.22         | 119.87       | End Shut-In(2)       |
| 218         | 2218.21         | 120.23       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                | Volume (bbl) |
|-------------|----------------------------|--------------|
| 30.00       | mud 100% oil spots in tool | 0.15         |
|             |                            |              |
|             |                            |              |
|             |                            |              |
|             |                            |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

Landmark Resources Inc  
1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641  
ATTN: Terry McLeod

**1-17s-32w Scott,KS**

**Beeson A Unit #1-1**

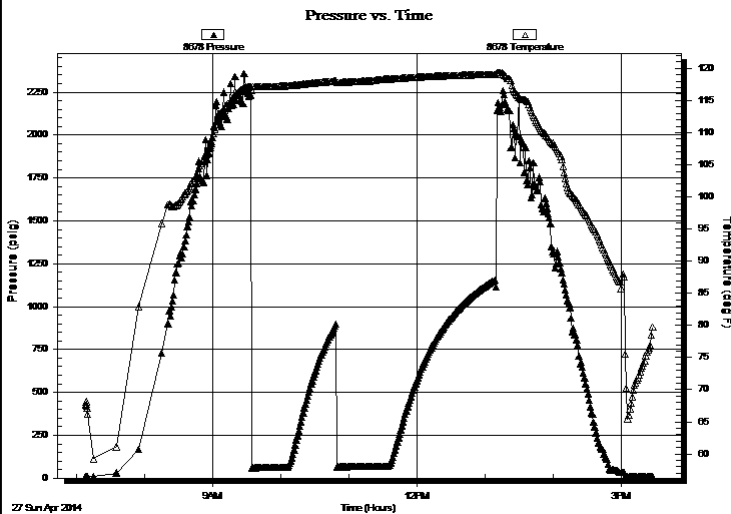
Job Ticket: 57640 **DST#: 4**  
Test Start: 2014.04.27 @ 07:08:00

**GENERAL INFORMATION:**

Formation: **Marmaton - Altamont**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 09:35:15  
Time Test Ended: 15:29:30  
Interval: **4416.00 ft (KB) To 4491.00 ft (KB) (TVD)**  
Total Depth: 4850.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Bradley Walter  
Unit No: 69  
Reference Elevations: 3111.00 ft (KB)  
3100.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8678 Outside**  
Press@RunDepth: psig @ 4417.00 ft (KB)  
Start Date: 2014.04.27 End Date: 2014.04.27  
Start Time: 07:08:05 End Time: 15:27:59  
Capacity: 8000.00 psig  
Last Calib.: 2014.04.27  
Time On Btm:  
Time Off Btm:

**TEST COMMENT:** IF: 1/2" blow , receded to a Surface blow .  
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) |
|-------------|----------------------------|--------------|
| 30.00       | mud 100% oil spots in tool | 0.15         |
|             |                            |              |
|             |                            |              |
|             |                            |              |
|             |                            |              |
|             |                            |              |

\* Recovery from multiple tests

**Gas Rates**

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



# DRILL STEM TEST REPORT

Landmark Resources Inc

1-17s-32w Scott, KS

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

ATTN: Terry McLeod

Job Ticket: 57640

**DST#: 4**

Test Start: 2014.04.27 @ 07:08:00

## GENERAL INFORMATION:

Formation: **Marmaton - Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:35:15

Time Test Ended: 15:29:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4416.00 ft (KB) To 4491.00 ft (KB) (TVD)**

Total Depth: 4850.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3111.00 ft (KB)

3100.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8677 Below (Straddle)**

Press@RunDepth: psig @ 4497.00 ft (KB)

Start Date: 2014.04.27 End Date: 2014.04.27

Start Time: 07:08:05 End Time: 15:27:59

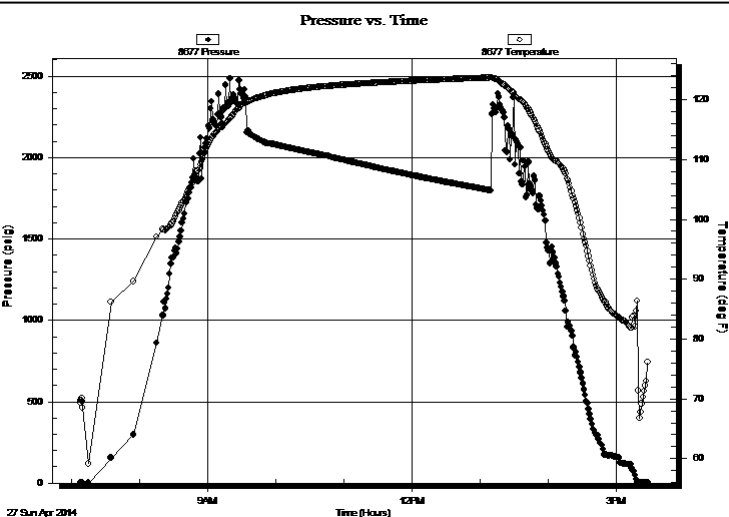
Capacity: 8000.00 psig

Last Calib.: 2014.04.27

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/2" blow , receded to a Surface blow .  
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) |
|-------------|----------------------------|--------------|
| 30.00       | mud 100% oil spots in tool | 0.15         |
|             |                            |              |
|             |                            |              |
|             |                            |              |
|             |                            |              |

## 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 Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 57640

**DST#: 4**

ATTN: Terry McLeoud

Test Start: 2014.04.27 @ 07:08:00

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4141.00 ft | Diameter: 3.80 inches | Volume: 58.09 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: 25000.00 lb  |
| Drill Collar:             | Length: 275.00 ft  | Diameter: 2.25 inches | Volume: 1.35 bbl               | Weight to Pull Loose: 95000.00 lb  |
|                           |                    |                       | <u>Total Volume: 59.44 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 20.00 ft           |                       |                                | String Weight: Initial 80000.00 lb |
| Depth to Top Packer:      | 4416.00 ft         |                       |                                | Final 80000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 434.00 ft          |                       |                                |                                    |
| Tool Length:              | 454.00 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   |      |         | 4397.00 |                                    |
| Shut In Tool    | 5.00   |      |         | 4402.00 |                                    |
| Hydraulic tool  | 5.00   |      |         | 4407.00 |                                    |
| Packer          | 5.00   |      |         | 4412.00 | 20.00 Bottom Of Top Packer         |
| Packer          | 4.00   |      |         | 4416.00 |                                    |
| Stubb           | 1.00   |      |         | 4417.00 |                                    |
| Recorder        | 0.00   | 8522 | Inside  | 4417.00 |                                    |
| Recorder        | 0.00   | 8678 | Outside | 4417.00 |                                    |
| Perforations    | 1.00   |      |         | 4418.00 |                                    |
| Change Over Sub | 1.00   |      |         | 4419.00 |                                    |
| Drill Pipe      | 62.00  |      |         | 4481.00 |                                    |
| Change Over Sub | 1.00   |      |         | 4482.00 |                                    |
| Perforations    | 5.00   |      |         | 4487.00 |                                    |
| Blank Off Sub   | 1.00   |      |         | 4488.00 | 434.00 Tool Interval               |
| Packer          | 3.00   |      |         | 4491.00 |                                    |
| Blank Spacing   | 1.00   |      |         | 4492.00 |                                    |
| Perforations    | 4.00   |      |         | 4496.00 |                                    |
| Change Over Sub | 1.00   |      |         | 4497.00 |                                    |
| Recorder        | 0.00   | 8677 | Below   | 4497.00 |                                    |
| Drill Pipe      | 349.00 |      |         | 4846.00 |                                    |
| Change Over Sub | 1.00   |      |         | 4847.00 |                                    |
| Bullnose        | 3.00   |      |         | 4850.00 | 1000453.00 Bottom Packers & Anchor |

**Total Tool Length: 454.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources Inc

**1-17s-32w Scott,KS**

1616 S. Voss Rd Ste 600  
Houston, TX 77057-2641

**Beeson A Unit #1-1**

Job Ticket: 57640

**DST#: 4**

ATTN: Terry McLeoud

Test Start: 2014.04.27 @ 07:08:00

## 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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description                 | Volume<br>bbl |
|--------------|-----------------------------|---------------|
| 30.00        | mud 100%m oil spots in tool | 0.148         |

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

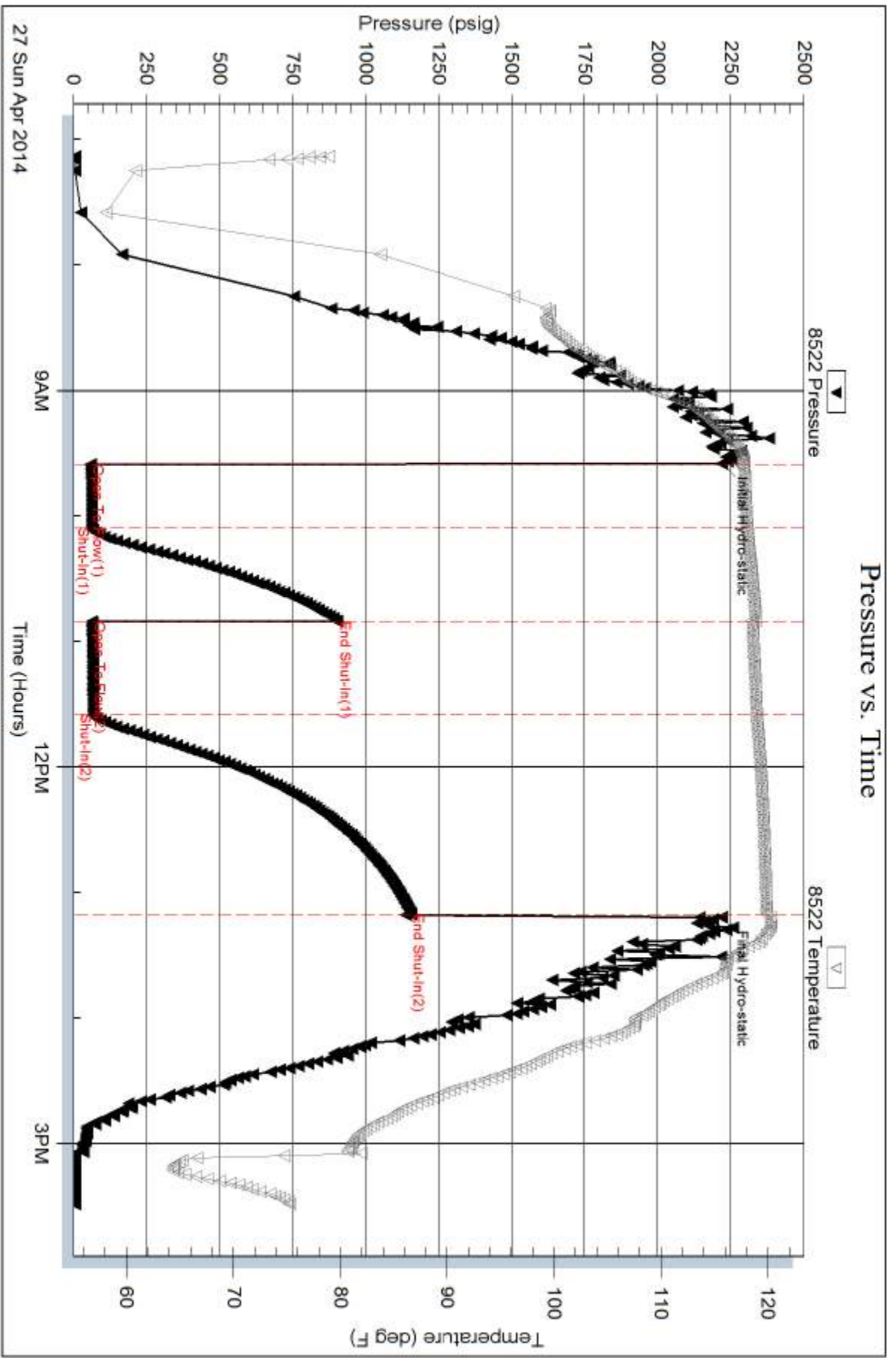
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



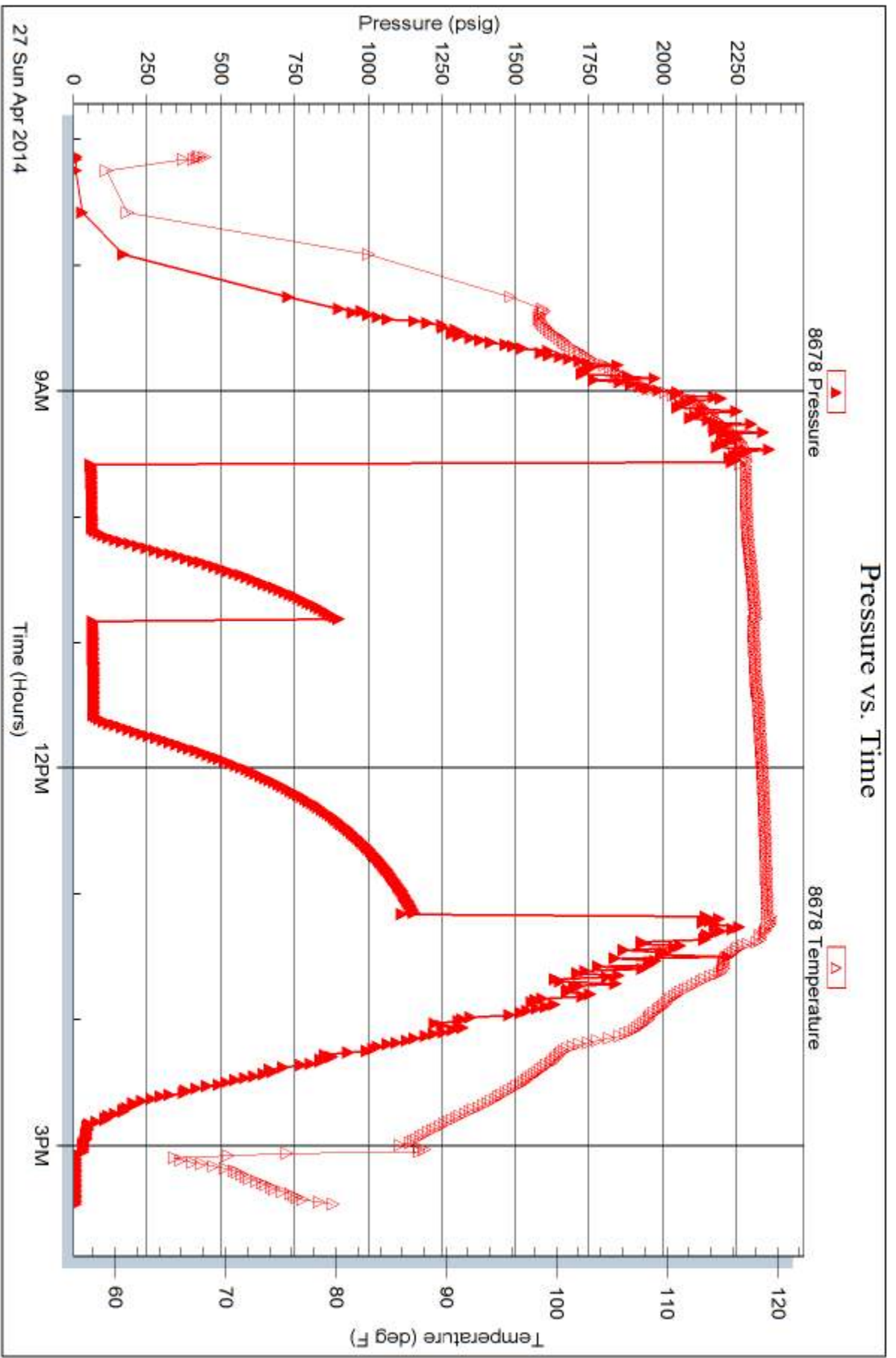


Serial #: 8678

Outside Landmark Resources Inc

Beeson A Unit #1-1

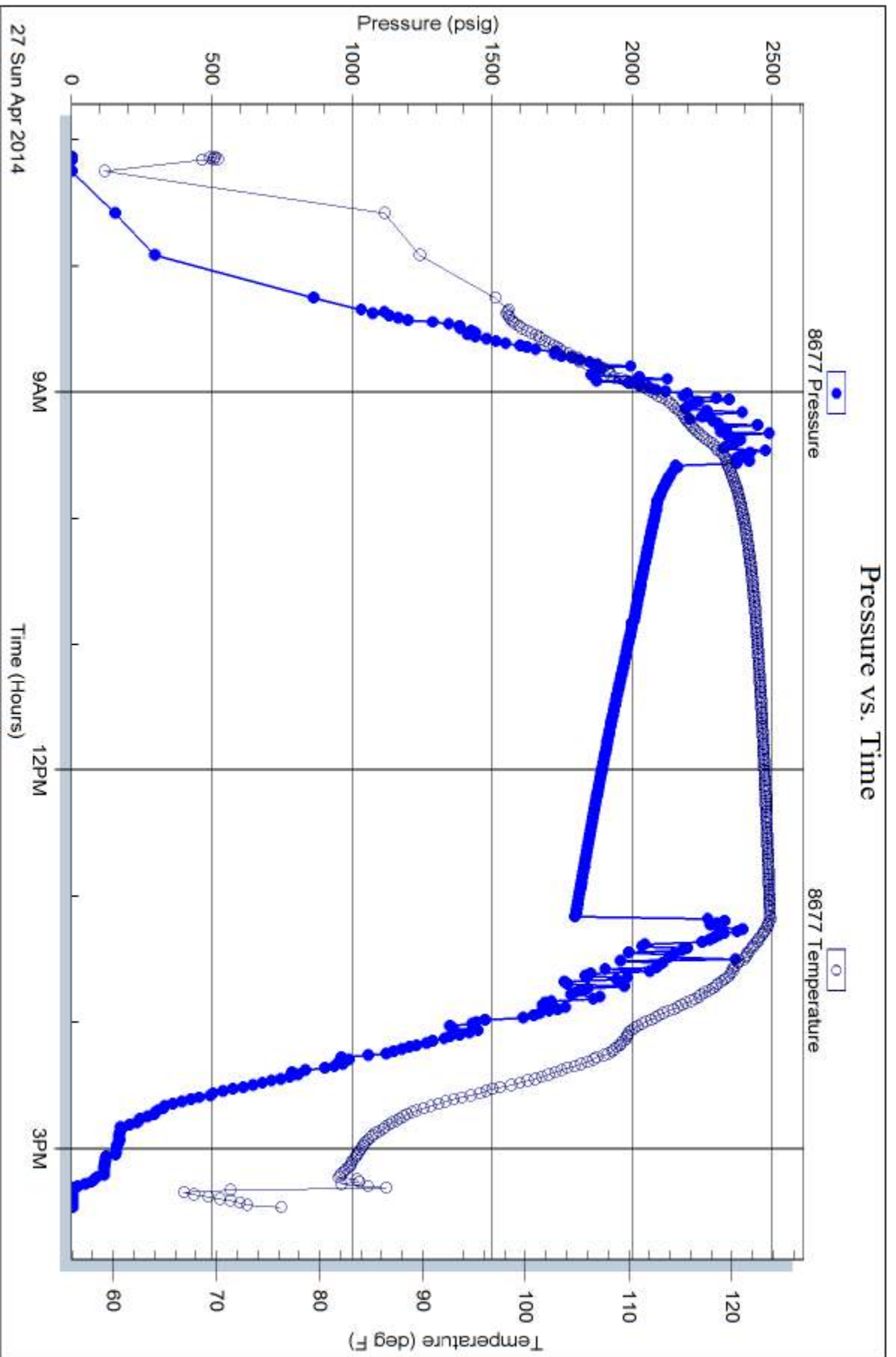
DST Test Number: 4

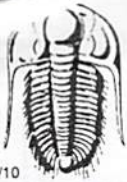


Trilobite Testing, Inc

Ref. No: 57640

Printed: 2014.05.02 @ 09:48:11





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **56338**

4/10

Well Name & No. Beeson A Unit # 1-1 Test No. #1 Date 2/24/14  
 Company Landmark Resources Inc Elevation 3111 KB 3100 GL  
 Address 1416 S. Voss Rd Ste 600 Houston, TX 77057-2641  
 Co. Rep / Geo. Terry McLeod Rig Martin #21  
 Location: Sec. 1 Twp. 17 Rge. 32w Co. Scott State Ks

Interval Tested 4417 4465 Zone Tested Marmaton A  
 Anchor Length 48 Drill Pipe Run 4142' Mud Wt. 9.2  
 Top Packer Depth 4412 Drill Collars Run 275' Vis 57  
 Bottom Packer Depth 4417 Wt. Pipe Run          WL 8.0  
 Total Depth 4465 Chlorides 3500 ppm System LCM #3

Blow Description weak blow dsed in 9 min.  
No return  
No blow  
No return

| Rec       | Feet of                    | %gas | %oil | %water     | %mud |
|-----------|----------------------------|------|------|------------|------|
| <u>5'</u> | <u>Mud</u>                 |      |      | <u>100</u> |      |
|           | <u>(oil spots in Tool)</u> |      |      |            |      |
|           |                            |      |      |            |      |
|           |                            |      |      |            |      |
|           |                            |      |      |            |      |

Rec Total 5' BHT 117' Gravity          API RW          @          F Chlorides          ppm

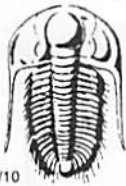
(A) Initial Hydrostatic 2206  Test 1250 T-On Location 04:30  
 (B) First Initial Flow 20  Jars          T-Started 05:50  
 (C) First Final Flow 22  Safety Joint 75 T-Open 08:00  
 (D) Initial Shut-In 229  Circ Sub N/C T-Pulled 11:30  
 (E) Second Initial Flow 21  Hourly Standby          T-Out 13:30  
 (F) Second Final Flow 23  Mileage 36 RT 55.80 Comments           
 (G) Final Shut-In 510  Sampler           
 (H) Final Hydrostatic 2187  Straddle           Ruined Shale Packer         

Initial Open 30  Shale Packer           Ruined Packer 320  
 Initial Shut-In 45  Extra Packer           Extra Copies           
 Final Flow 35  Extra Recorder          Sub Total 0  
 Final Shut-In 40  Day Standby          Total 1700.80  
 Accessibility          MP/DST Disc't           
 Sub Total 1380.80

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. **56339**

4/10

Well Name & No. Beeson A Unit #1-1 Test No. #2 Date 4/25/14  
 Company Landmark Resources Inc Elevation 3111 KB 3100 GL  
 Address 1616 S Vass Rd. Ste 600 Houston, TX 77057-2641  
 Co. Rep / Geo. Terry McLeod Rig Muskog #21  
 Location: Sec. 1 Twp. 17 Rge. 32w Co. Scott State Ks

Interval Tested 4463 4530 Zone Tested Altamont  
 Anchor Length 69 Drill Pipe Run 4175' Mud Wt. 9.4  
 Top Packer Depth 4458 Drill Collars Run 275' Vis 54  
 Bottom Packer Depth 4463 Wt. Pipe Run — WL 8.0  
 Total Depth 4530 Chlorides 4000 ppm System LCM Ø

Blow Description 6 1/2" in blow  
No return  
5 1/2" in blow  
No return

| Rec        | Feet of      | %gas | %oil       | %water    | %mud |
|------------|--------------|------|------------|-----------|------|
| <u>90</u>  | <u>wcm</u>   |      | <u>40</u>  | <u>60</u> |      |
| <u>120</u> | <u>mcw</u>   |      | <u>70</u>  | <u>30</u> |      |
| <u>125</u> | <u>water</u> |      | <u>100</u> |           |      |
| Rec        | Feet of      | %gas | %oil       | %water    | %mud |
| Rec        | Feet of      | %gas | %oil       | %water    | %mud |

Rec Total 335' BHT 119° Gravity — API RW 415 @ 45 ° F Chlorides 27,000 ppm

|                                     |                                                                       |                                              |
|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| (A) Initial Hydrostatic <u>2231</u> | <input checked="" type="checkbox"/> Test <u>1250</u>                  | T-On Location <u>23:35</u>                   |
| (B) First Initial Flow <u>22</u>    | <input type="checkbox"/> Jars                                         | T-Started <u>00:05</u>                       |
| (C) First Final Flow <u>115</u>     | <input checked="" type="checkbox"/> Safety Joint <u>75</u>            | T-Open <u>02:00</u>                          |
| (D) Initial Shut-In <u>1131</u>     | <input checked="" type="checkbox"/> Circ Sub <u>N/C</u>               | T-Pulled <u>05:30</u>                        |
| (E) Second Initial Flow <u>119</u>  | <input type="checkbox"/> Hourly Standby                               | T-Out <u>07:45</u>                           |
| (F) Second Final Flow <u>171</u>    | <input checked="" type="checkbox"/> Mileage <u>36 RT</u> <u>55.80</u> | Comments                                     |
| (G) Final Shut-In <u>1119</u>       | <input type="checkbox"/> Sampler                                      |                                              |
| (H) Final Hydrostatic <u>2112</u>   | <input type="checkbox"/> Straddle                                     | <input type="checkbox"/> Ruined Shale Packer |
|                                     | <input type="checkbox"/> Shale Packer                                 | <input type="checkbox"/> Ruined Packer       |
|                                     | <input type="checkbox"/> Extra Packer                                 | <input type="checkbox"/> Extra Copies        |
|                                     | <input type="checkbox"/> Extra Recorder                               | Sub Total <u>0</u>                           |
|                                     | <input type="checkbox"/> Day Standby                                  | Total <u>1380.80</u>                         |
|                                     | <input type="checkbox"/> Accessibility                                | MP/DST Disc't                                |
|                                     | Sub Total <u>1380.80</u>                                              |                                              |

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 90

Approved By Terry McLeod Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **56340**

4/10

Well Name & No. Beeson A Unit #1-1 Test No. #3 Date 4/26/14  
 Company Landmark Resources Inc Elevation 3111 KB 3100 GL  
 Address 1616 S. Voss Rd Ste 600 Houston, Tx 77057-2641  
 Co. Rep / Geo. Terry McLeod Rig Martini #21  
 Location: Sec. 1 Twp. 17 Rge. 32w Co. Scott State KS

Interval Tested 4662 4730 Zone Tested Johnson  
 Anchor Length 68 Drill Pipe Run 4395 Mud Wt. 9.4  
 Top Packer Depth 4057 Drill Collars Run 275' Vis 57  
 Bottom Packer Depth 4662 Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth 4730 Chlorides 3500 ppm System LCM #2

Blow Description 2" in blow  
No return  
1/4" in blow  
No return

| Rec        | Feet of               | %gas        | %oil | %water      | %mu       |
|------------|-----------------------|-------------|------|-------------|-----------|
| <u>70'</u> | <u>Mud w/oil/seum</u> | <u>Scum</u> |      | <u>100%</u> | <u>mu</u> |
| Rec        | Feet of               | %gas        | %oil | %water      | %mu       |
| Rec        | Feet of               | %gas        | %oil | %water      | %mu       |
| Rec        | Feet of               | %gas        | %oil | %water      | %mu       |
| Rec        | Feet of               | %gas        | %oil | %water      | %mu       |

Rec Total 70' BHT 121° Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

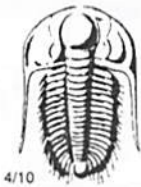
(A) Initial Hydrostatic 2301  Test 1250 T-On Location 02:20  
 (B) First Initial Flow 20  Jars \_\_\_\_\_ T-Started 03:00  
 (C) First Final Flow 45  Safety Joint 75 T-Open 04:55  
 (D) Initial Shut-In 1034  Circ Sub N/C T-Pulled 08:25  
 (E) Second Initial Flow 48  Hourly Standby \_\_\_\_\_ T-Out 10:40  
 (F) Second Final Flow 74  Mileage 36 RT 111.60 Comments Picked up tool  
 (G) Final Shut-In 1025  Sampler \_\_\_\_\_ 3 released on 4/26/14  
 (H) Final Hydrostatic 2287  Straddle \_\_\_\_\_ 1 @ 16:00 pm.  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 45  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 45  Day Standby \_\_\_\_\_ Total 1436.60  
 Final Shut-In 90  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1436.60

Approved By Terry McLeod Our Representative \_\_\_\_\_

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 57640

Well Name & No. Beeson A Unit #1-1 Test No. 4 Date 4/27/14  
 Company Landmark Resources, Inc Elevation 3111 KB 3100 GL  
 Address 1616 S Voss Rd STE 600 Houston, Tx 77057  
 Co. Rep / Geo. Terry McLeod Rig Martin 21  
 Location: Sec. 1 Twp. 17S Rge. 32W Co. Scott State Ks

Interval Tested 4416-4491 TO 4850 Zone Tested Marmaton - Altamont  
 Anchor Length 75' Anchor 359' Tail Drill Pipe Run 4141 Mud Wt. 9.4  
 Top Packer Depth 4411 Drill Collars Run 275 Vis 61  
 Bottom Packer Depth 4416 / 4491 Wt. Pipe Run 0 WL 8.0  
 Total Depth 4850 Chlorides 5000 ppm System LCM 2#

Blow Description IF! 1/2" blow detected to a surface blow.  
ISI! No return.  
FF! No blow  
FSI! No return.

| Rec       | Feet of                  | %gas | %oil | %water     | %mud |
|-----------|--------------------------|------|------|------------|------|
| <u>30</u> | <u>MUD</u>               |      |      | <u>100</u> |      |
|           | <u>oil spots in tool</u> |      |      |            |      |
|           |                          |      |      |            |      |
|           |                          |      |      |            |      |
|           |                          |      |      |            |      |

Rec Total 30 BHT 120 Gravity — API RW — @ —° F Chlorides — ppm

|                                     |                                                                |                                              |
|-------------------------------------|----------------------------------------------------------------|----------------------------------------------|
| (A) Initial Hydrostatic <u>2219</u> | <input checked="" type="checkbox"/> Test <u>1250</u>           | T-On Location <u>0625</u>                    |
| (B) First Initial Flow <u>59</u>    | <input type="checkbox"/> Jars                                  | T-Started <u>0708</u>                        |
| (C) First Final Flow <u>63</u>      | <input type="checkbox"/> Safety Joint                          | T-Open <u>0936</u>                           |
| (D) Initial Shut-In <u>903</u>      | <input checked="" type="checkbox"/> Circ Sub <u>NC</u>         | T-Pulled <u>1306</u>                         |
| (E) Second Initial Flow <u>64</u>   | <input type="checkbox"/> Hourly Standby                        | T-Out <u>1530</u>                            |
| (F) Second Final Flow <u>69</u>     | <input checked="" type="checkbox"/> Mileage <u>35 AT 55.80</u> | Comments                                     |
| (G) Final Shut-In <u>1154</u>       | <input type="checkbox"/> Sampler                               |                                              |
| (H) Final Hydrostatic <u>2218</u>   | <input checked="" type="checkbox"/> Straddle <u>600</u>        | <input type="checkbox"/> Ruined Shale Packer |
|                                     | <input checked="" type="checkbox"/> Shale Packer <u>250</u>    | <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>2155.80</u>                         |
| Final Shut-In <u>90</u>             | <input type="checkbox"/> Accessibility                         | MP/DST Disc't                                |
|                                     | Sub Total <u>2155.80</u>                                       |                                              |

Approved By \_\_\_\_\_ Our Representative [Signature]

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