



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1223352  
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: \_\_\_\_\_

1223352

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

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

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

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |              |                            |
|--|------------------|----------------|--------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><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: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

|   |  |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method:<br><input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
|---|--|

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

|  |  |   |
|--|--|---|
| <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> <input type="checkbox"/> Other <i>(Specify)</i> _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--|--|---|

|           |                                    |
|-----------|------------------------------------|
| Form      | ACO1 - Well Completion             |
| Operator  | L. D. Drilling, Inc.               |
| Well Name | ELLINWOOD LAND & CATTLE, INC. 1-24 |
| Doc ID    | 1223352                            |

Tops

| Name             | Top  | Datum |
|------------------|------|-------|
| ANHYDRITE        | 787  | +1104 |
| BASE ANYDRITE    | 813  | +1078 |
| HEEBNER          | 3148 | -1257 |
| TORONTO          | 3158 | -1267 |
| DOUGLAS          | 3170 | -1279 |
| BROWN LIME       | 3245 | -1354 |
| LANSING          | 3255 | -1364 |
| BASE KANSAS CITY | 3469 | -1578 |
| CONGLOMERATE     | 3497 | -1606 |
| ARBUCKLE         | 3505 | -1614 |



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: ellinwoodl&cdst1

TIME ON: 20:53 8-23  
 TIME OFF: 02:06 8-24

Company L. D. Drilling, Inc. Lease & Well No. Ellinwood Land & Cattle, Inc.  
 Contractor Petromark Drilling - Rig 2 Charge to L. D. Drilling, Inc.  
 Elevation 1889 est Formation L/KC "A-C" Effective Pay -- Ft. Ticket No. S0486  
 Date 8-23-14 Sec. 24 Twp. 20 S Range 14 W County Barton State KANSAS  
 Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3,247 ft. to 3,310 ft. Total Depth 3,310 ft.

Packer Depth 3,242 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3,247 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3,235 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3,251 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 58 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 4,800 P.P.M. Drill Pipe Length 3,098 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out No Anchor Length 63 (31.5A) ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: WSB - Died in 12 mins. NOBB

2nd Open: No Blow - No Build. NOBB

Recovered 10 ft. of M 100% M (few oil specks)

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

TOOL SAMPLE: 100% M (few oil specks) Total \_\_\_\_\_

Time Set Packer(s) 8-23 10:57 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 8-24 12:17 AM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 101

Initial Hydrostatic Pressure..... (A) 1541 P.S.I.

Initial Flow Period..... Minutes 20 (B) 10 P.S.I. to (C) 16 P.S.I.

Initial Closed In Period..... Minutes 20 (D) 35 P.S.I.

Final Flow Period..... Minutes 20 (E) 17 P.S.I. to (F) 18 P.S.I.

Final Closed In Period..... Minutes 20 (G) 25 P.S.I.

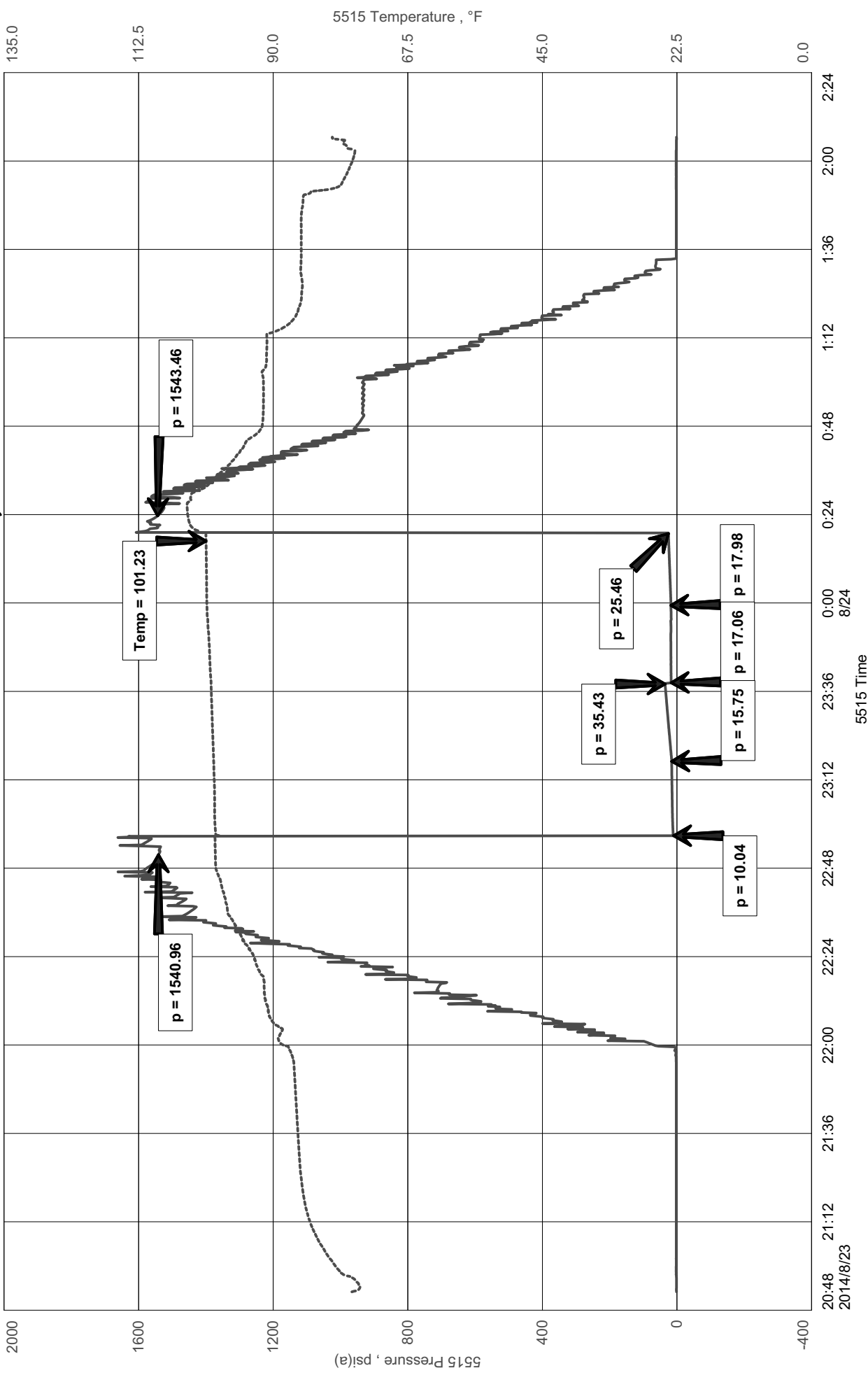
Final Hydrostatic Pressure..... (H) 1543 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

L. D. Drilling, Inc.  
 DST #1 L/KC "A-C" 3247-3310'  
 Start Test Date: 2014/08/23  
 Final Test Date: 2014/08/24

Ellinwood Land & Cattle, Inc.  
 Formation: DST #1 L/KC "A-C" 3247-3310  
 Pool: Infield  
 Job Number: S0486

# Ellinwood Land & Cattle, Inc.



# Diamond Testing LLC

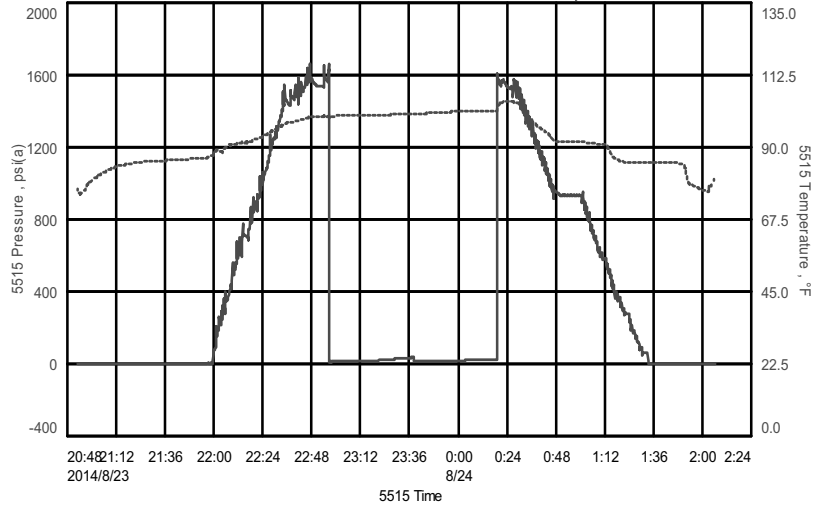
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name L. D. Drilling, Inc.  
Contact L. D. Davis  
Well Name Ellinwood Land & Cattle, Inc.  
Unique Well ID DST #1 L/KC "A-C" 3247-3310'  
Surface Location SEC 24-20S-14W Barton County  
Field Pritchard North  
Well Type Vertical  
Test Type Drill Stem Test  
Formation DST #1 L/KC "A-C" 3247-3310  
Well Fluid Type 01 Oil  
Start Test Date 2014/08/23  
Start Test Time 20:53:00  
Final Test Date 2014/08/24  
Final Test Time 02:06:00  
Job Number S0486  
Representative Jacob McCallie  
Report Date 2014/08/24  
Qualified By Jim Musgrove

### Ellinwood Land & Cattle, Inc.



### Test Results

#### Recovery:

10' Mud 100% M (few oil specks)

#### Tool Sample:

100% M (few oil specks)



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: ellinwoodl&cdst2

TIME ON: 16:12  
 TIME OFF: 22:18

Company L. D. Drilling, Inc. Lease & Well No. Ellinwood Land & Cattle, Inc.  
 Contractor Petromark Drilling - Rig 2 Charge to L. D. Drilling, Inc.  
 Elevation 1889 est Formation L/KC HIJ Effective Pay -- Ft. Ticket No. S0487  
 Date 8-24-14 Sec. 24 Twp. 20 S Range 14 W County Barton State KANSAS  
 Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3371 ft. to 3430 ft. Total Depth 3430 ft.

Packer Depth 3366 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3371 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3359 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3407 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 47 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 7,000 P.P.M. Drill Pipe Length 3222 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out No Anchor Length 59 (27.5A) ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: WSB- Died in 11 min **NOBB**

2nd Open: 1/4" Blow- No Build **NOBB**

Recovered 26 ft. of OSM 1% O 99% M

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

TOOL SAMPLE: 5% O 95% M

Time Set Packer(s) 6:09 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 8:39 PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 104

Initial Hydrostatic Pressure..... (A) 1615 P.S.I.

Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 19 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 69 P.S.I.

Final Flow Period..... Minutes 45 (E) 19 P.S.I. to (F) 24 P.S.I.

Final Closed In Period..... Minutes 45 (G) 69 P.S.I.

Final Hydrostatic Pressure..... (H) 1623 P.S.I.

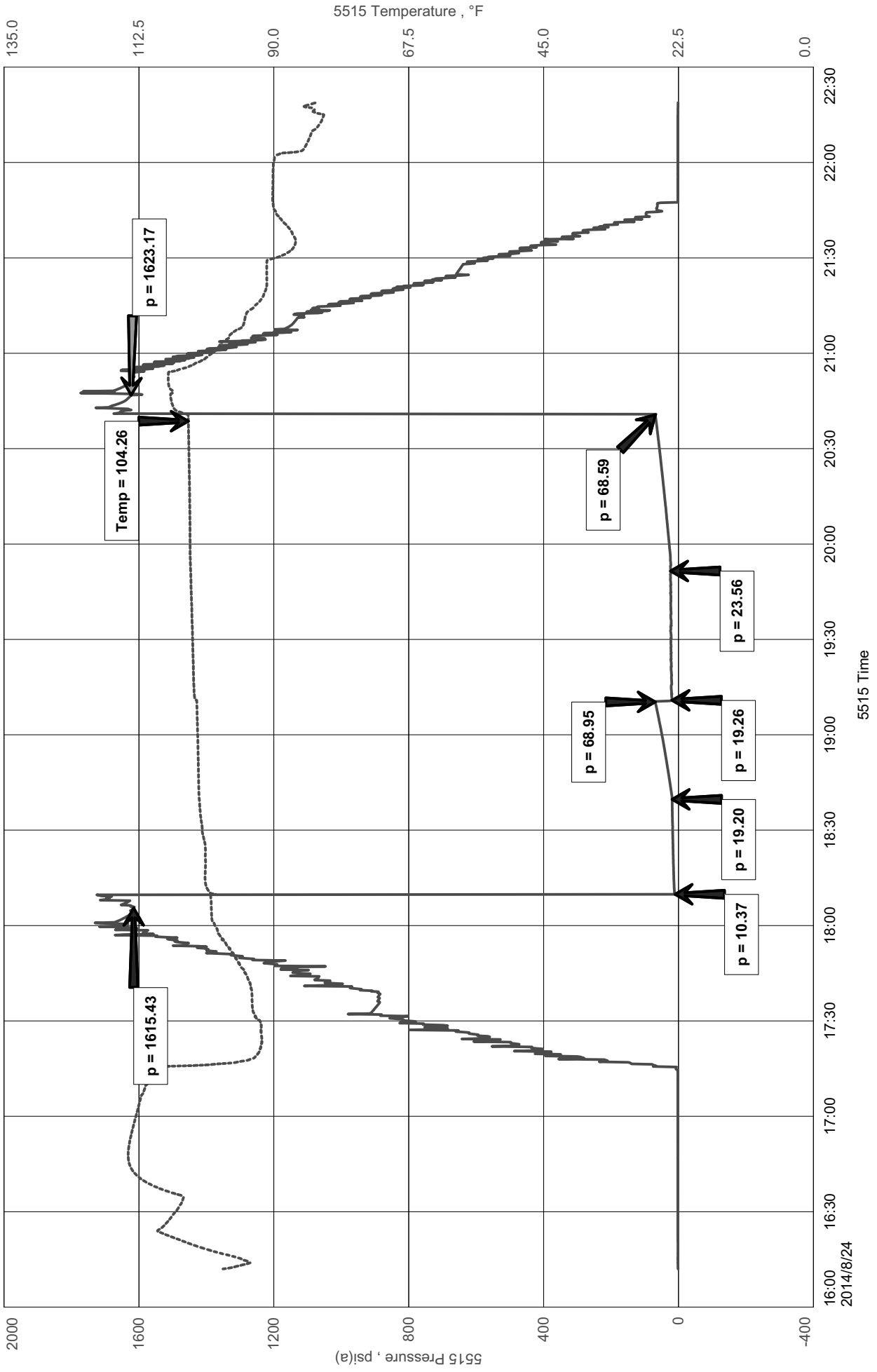
|               |
|---------------|
| Price Job     |
| Other Charges |
| Insurance     |
| Total         |

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L.D. Drilling Inc.  
DST #2 Lan HIJ 3371-3430'  
Start Test Date: 2014/08/24  
Final Test Date: 2014/08/24

Ellinwood Land & Cattle Inc.  
Formation: DST #2 Lan HIJ 3371-3430'  
Pool: Infield  
Job Number: S0487

# Ellinwood Land & Cattle Inc.





# Diamond Testing LLC

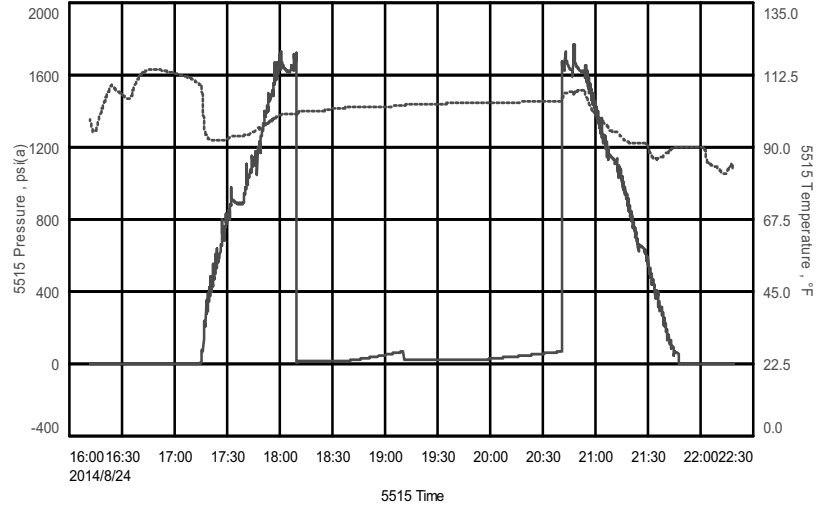
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name L.D. Drilling Inc.  
Contact LD Davis  
Well Name Ellinwood Land & Cattle Inc.  
Unique Well ID DST #2 Lan HIJ 3371-3430'  
Surface Location SEC 24-20S-14W Barton County  
Field Pritchard North  
Well Type Vertical  
Test Type Drill Stem Test  
Formation DST #2 Lan HIJ 3371-3430'  
Well Fluid Type 01 Oil  
Start Test Date 2014/08/24  
Start Test Time 16:12:00  
Final Test Date 2014/08/24  
Final Test Time 22:18:00  
Job Number S0487  
Representative Jacob McCallie  
Report Date 2014/08/24  
Qualified By Jim Musgrove

### Ellinwood Land & Cattle Inc.



### Test Results

RECOVERY:  
26' OSM 1% O 99% M

TOOL SAMPLE:  
5% O 95% M



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: ellinwoodl&cdst3

TIME ON: 12:10  
 TIME OFF: 17:49

Company L. D. Drilling, Inc. Lease & Well No. Ellinwood Land & Cattle, Inc.  
 Contractor Petromark Drilling - Rig 2 Charge to L. D. Drilling, Inc.  
 Elevation 1889 est Formation Arbuckle Effective Pay -- Ft. Ticket No. S0488  
 Date 8-25-14 Sec. 24 Twp. 20 S Range 14 W County Barton State KANSAS  
 Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 3510 ft. to 3526 ft. Total Depth 3526 ft.

Packer Depth 3505 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3510 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3498 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3511 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 46 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.5 Water Loss 12 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides 8000 P.P.M. Drill Pipe Length 3361 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out No Anchor Length 16 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB- Built to 1" in 30 min NOBB

2nd Open: 3/4" Blow- Built to 2" in 30 min NOBB

Recovered 123 ft. of GIP

Recovered 8 ft. of MUD 100% M

Recovered 8 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

TOOL SAMPLE: <1% O >99% M

Time Set Packer(s) 1:54 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 3:54 PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 105

Initial Hydrostatic Pressure..... (A) 1693 P.S.I.

Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 15 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 41 P.S.I.

Final Flow Period..... Minutes 30 (E) 14 P.S.I. to (F) 16 P.S.I.

Final Closed In Period..... Minutes 30 (G) 45 P.S.I.

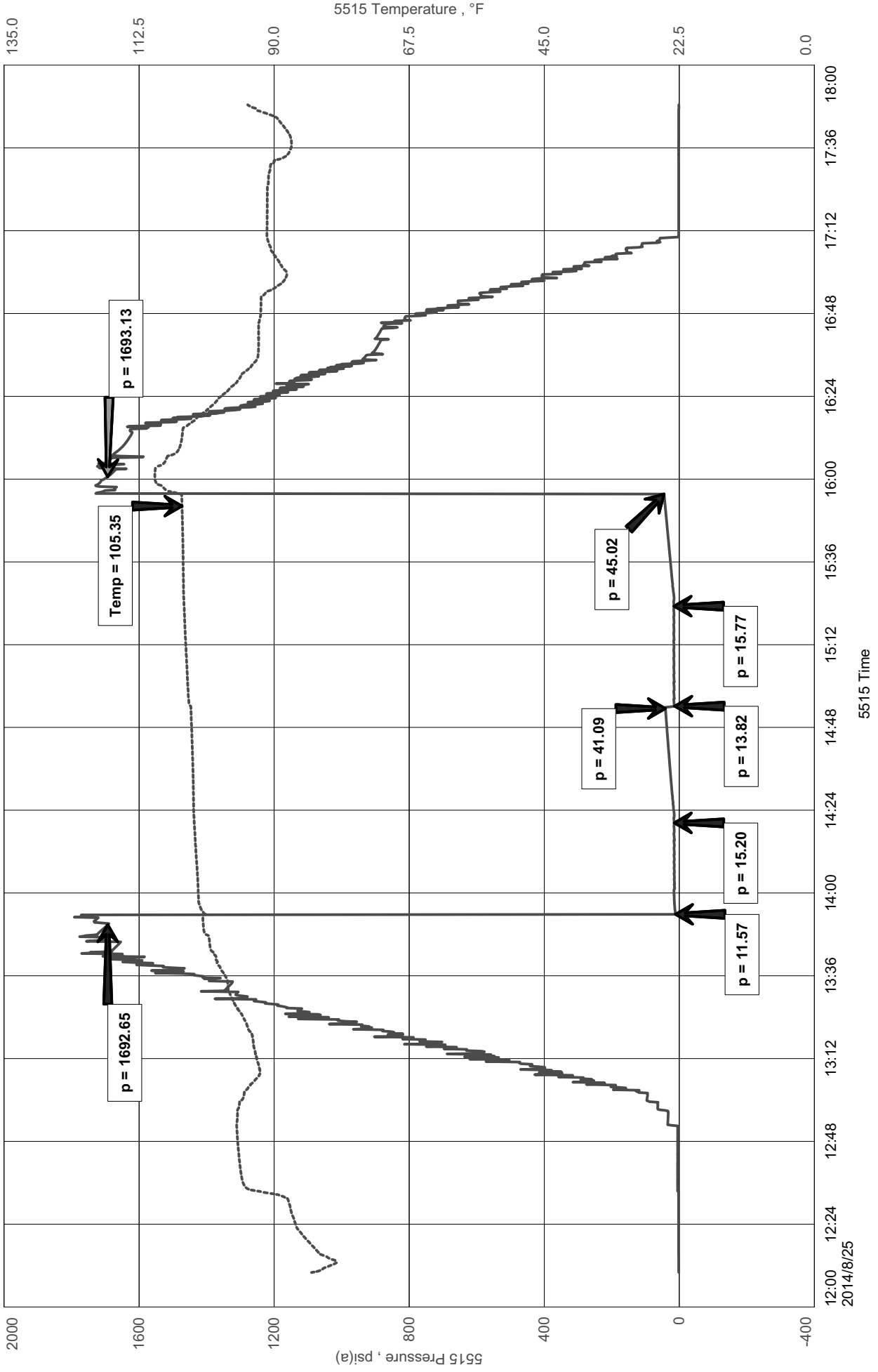
Final Hydrostatic Pressure..... (H) 1693 P.S.I.

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LD Drilling Inc.  
DST #3 Arbuckle 3510-3526'  
Start Test Date: 2014/08/25  
Final Test Date: 2014/08/25

Ellinwood Cattle & Land Inc.  
Formation: DST #3 Arbuckle 3510-3526'  
Pool: Infield  
Job Number: S0488

# Ellinwood Cattle & Land Inc.



# Diamond Testing LLC

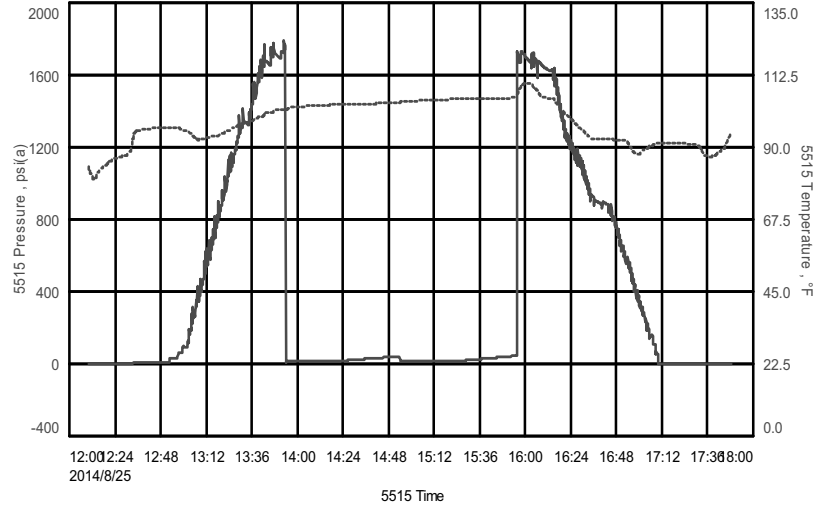
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name LD Drilling Inc.  
Contact LD Davis  
Well Name Ellinwood Cattle & Land Inc.  
Unique Well ID DST #3 Arbuckle 3510-3526'  
Surface Location SEC 24-20S-14W Barton County  
Field Pritchard North  
Well Type  
Test Type Drill Stem Test  
Formation DST #3 Arbuckle 3510-3526'  
Well Fluid Type 01 Oil  
Start Test Date 2014/08/25  
Start Test Time 12:10:00  
Final Test Date 2014/08/25  
Final Test Time 17:49:00  
Job Number S0488  
Representative Jacob McCallie  
Report Date 2014/08/25  
Qualified By Jim Musgrove

### Ellinwood Cattle & Land Inc.



### Test Results

#### RECOVERY:

123' GIP  
8' MUD 100% M  
8' TOTAL FLUID

#### TOOL SAMPLE:

<1 % O >99% M



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: ellinwoodl&cdst4

TIME ON: 00:31  
TIME OFF: 06:43

Company L. D. Drilling, Inc. Lease & Well No. Ellinwood Land & Cattle, Inc.  
Contractor Petromark Drilling - Rig 2 Charge to L. D. Drilling, Inc.  
Elevation 1889 est Formation Arbuckle Effective Pay -- Ft. Ticket No. S0489  
Date 8-26-14 Sec. 24 Twp. 20 S Range 14 W County Barton State KANSAS  
Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 4 Interval Tested from 3526 ft. to 3546 ft. Total Depth 3546 ft.

Packer Depth 3521 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3526 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3514 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3530 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 46 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.5 Water Loss 12 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 8000 P.P.M. Drill Pipe Length 3377 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out No Anchor Length 20 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: 1/4" Blow- No Build **NOBB**

2nd Open: WSB- Built to 1/2" in 30 min **NOBB**

Recovered 60 ft. of GIP

Recovered 8' ft. of MUD 100% M

Recovered 8 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

TOOL SAMPLE: 100% M

Time Set Packer(s) 3:04 AM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 5:04 AM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 105

Initial Hydrostatic Pressure..... (A) 1698 P.S.I.

Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 101 P.S.I.

Final Flow Period..... Minutes 30 (E) 26 P.S.I. to (F) 23 P.S.I.

Final Closed In Period..... Minutes 30 (G) 31 P.S.I.

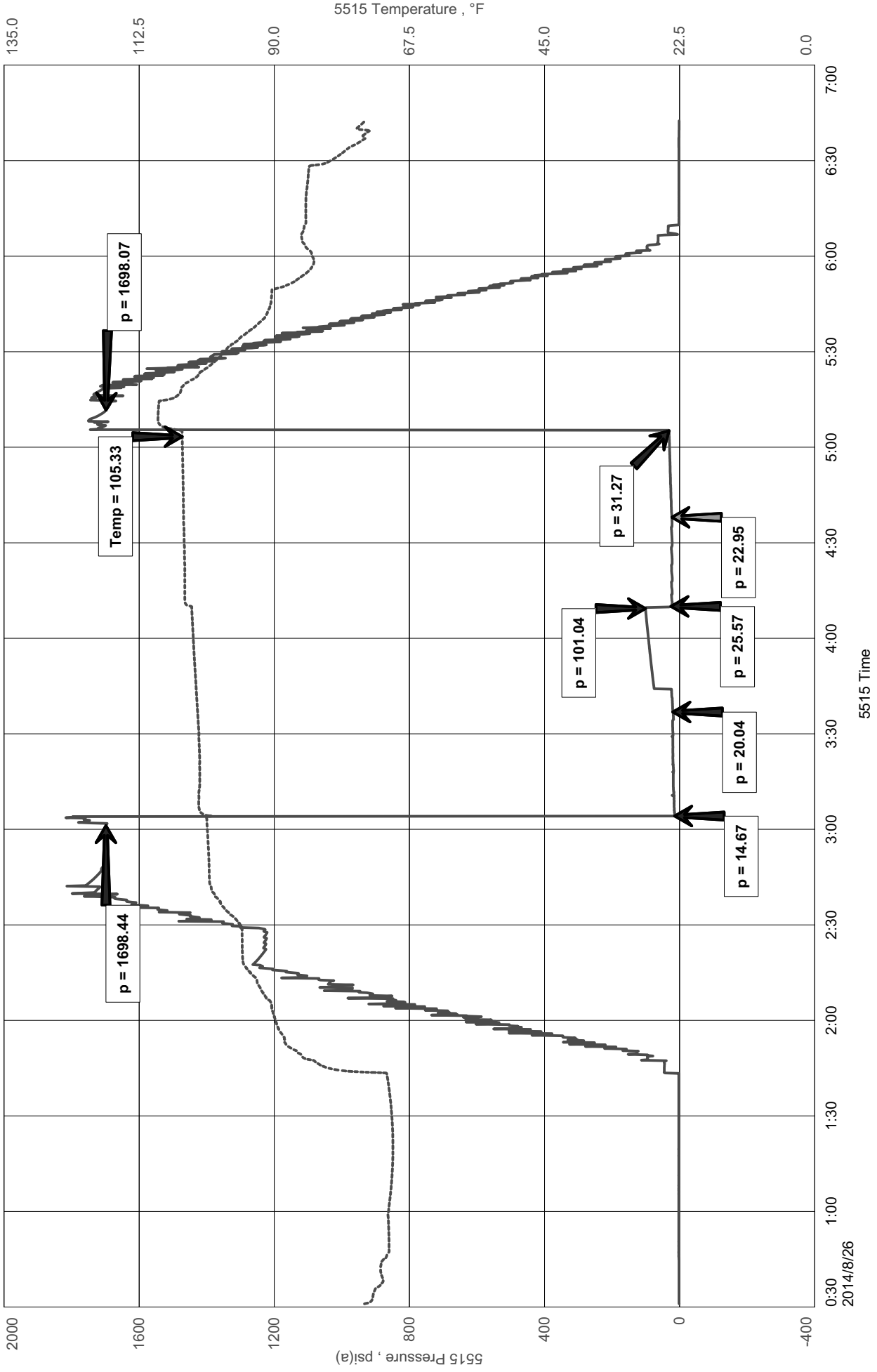
Final Hydrostatic Pressure..... (H) 1698 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

LD Drilling Inc  
DST #4 Arbuckle 3526-3546'  
Start Test Date: 2014/08/26  
Final Test Date: 2014/08/26

Ellinwood Land & Cattle Inc.  
Formation: DST #4 Arbuckle 3526-3546'  
Pool: Infield  
Job Number: S0489

# Ellinwood Land & Cattle Inc.



# Diamond Testing LLC

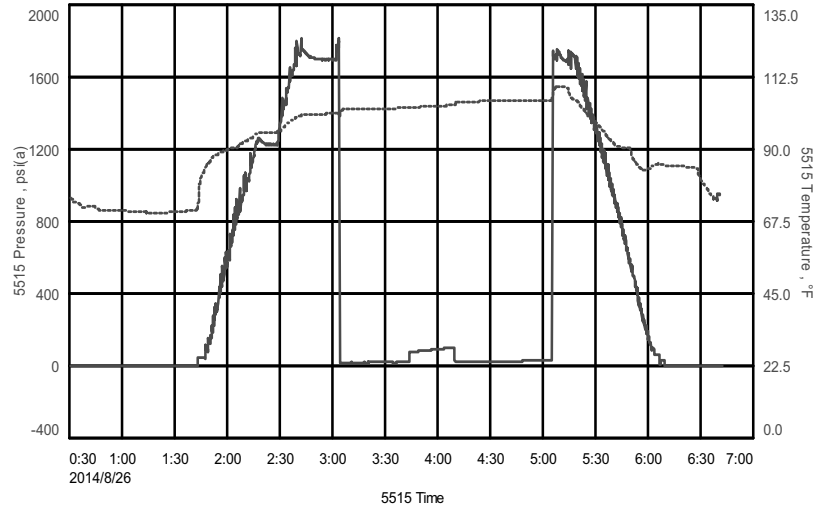
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name LD Drilling Inc  
Contact LD Davis  
Well Name Ellinwood Land & Cattle Inc.  
Unique Well ID DST #4 Arbuckle 3526-3546'  
Surface Location SEC 24-20S-14W Barton County  
Field Pritchard North  
Well Type Vertical  
Test Type Drill Stem Test  
Formation DST #4 Arbuckle 3526-3546'  
Well Fluid Type 01 Oil  
Start Test Date 2014/08/26  
Start Test Time 00:31:00  
Final Test Date 2014/08/26  
Final Test Time 06:43:00  
Job Number S0489  
Representative Jacob McCallie  
Report Date 2014/08/26  
Qualified By Jim Musgrove

### Ellinwood Land & Cattle Inc.



### Test Results

#### RECOVERY:

60' GIP  
8' MUD 100% M  
8' TOTAL FLUID

#### TOOL SAMPLE:

100% M



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: ellinwoodl&cdst5

TIME ON: 12:50  
TIME OFF: 18:08

Company L. D. Drilling, Inc. Lease & Well No. Ellinwood Land & Cattle, Inc.  
Contractor Petromark Drilling - Rig 2 Charge to L. D. Drilling, Inc.  
Elevation 1889 est Formation Arbuckle Effective Pay -- Ft. Ticket No. S0490  
Date 8-26-14 Sec. 24 Twp. 20 S Range 14 W County Barton State KANSAS  
Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 5 Interval Tested from 3546 ft. to 3566 ft. Total Depth 3566 ft.  
Packer Depth 3541 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.  
Packer Depth 3546 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3534 ft. Recorder Number 5515 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3550 ft. Recorder Number 5586 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 49 Drill Collar Length 123 ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 9.2 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.  
Chlorides 8000 P.P.M. Drill Pipe Length 3397 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out No Anchor Length 20 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB- No Build **NOBB**  
2nd Open: No Blow- No Build **NOBB**

|  |               |
|--|---------------|
| Recovered <u>5</u> ft. of <u>MUD</u> <u>100% M</u> |               |
| Recovered _____ ft. of _____                       |               |
| Recovered _____ ft. of _____                       |               |
| Recovered _____ ft. of _____                       |               |
| Recovered _____ ft. of _____                       | Price Job     |
| Recovered _____ ft. of _____                       | Other Charges |
| Remarks: _____                                     | Insurance     |
| <b>TOOL SAMPLE: 100% M</b>                         | Total         |

Time Set Packer(s) 2:33 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 4:33 PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 104

Initial Hydrostatic Pressure..... (A) 1742 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 18 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 30 P.S.I.  
Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 20 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 26 P.S.I.  
Final Hydrostatic Pressure..... (H) 1731 P.S.I.

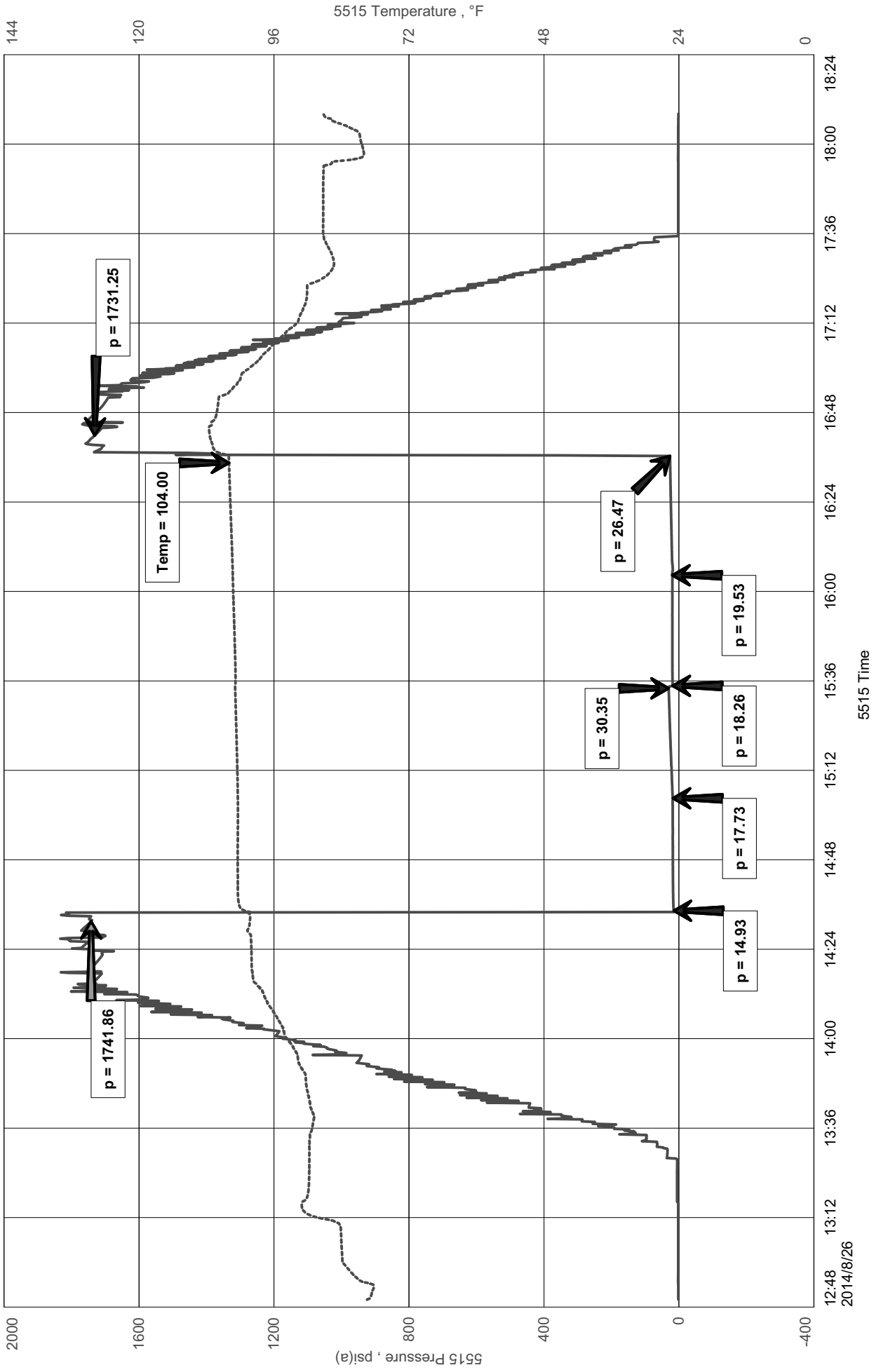
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



LD Drilling Inc.  
DST # 5 Arbuckle 3546-3566'  
Start Test Date: 2014/08/26  
Final Test Date: 2014/08/26

Ellinwood Land & Cattle Inc  
Formation: DST # 5 Arbuckle 3546-3566'  
Pool: Infield  
Job Number: S0490

# Ellinwood Land & Cattle Inc



# Diamond Testing LLC

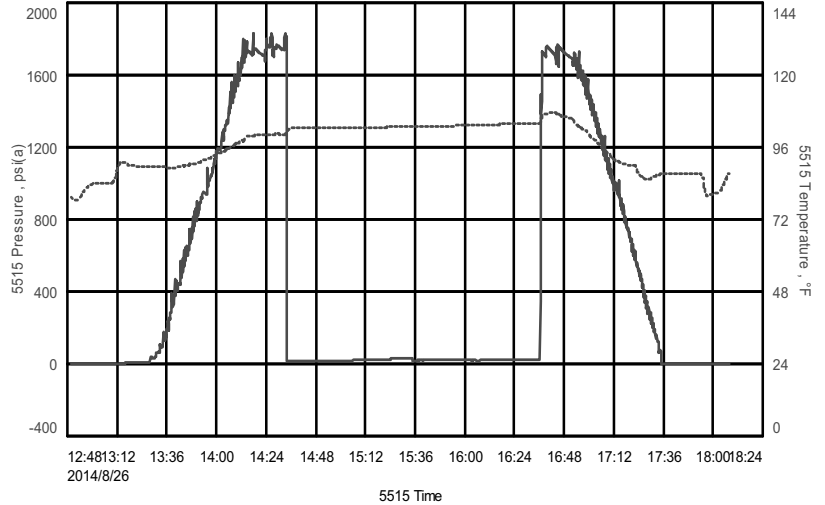
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name LD Drilling Inc.  
Contact LD Davis  
Well Name Ellinwood Land & Cattle Inc  
Unique Well ID DST # 5 Arbuckle 3546-3566'  
Surface Location SEC 24-20S-14W Barton County  
Field Pritchard North  
Well Type Vertical  
Test Type Drill Stem Test  
Formation DST # 5 Arbuckle 3546-3566'  
Well Fluid Type 01 Oil  
Start Test Date 2014/08/26  
Start Test Time 12:50:00  
Final Test Date 2014/08/26  
Final Test Time 18:08:00  
Job Number S0490  
Representative Jacob McCallie  
Report Date 2014/08/26  
Qualified By Jim Musgrove

### Ellinwood Land & Cattle Inc



### Test Results

RECOVERY: 5' MUD 100% M

TOOL SAMPLE: 100% M



James C. Musgrove  
Petroleum Geologist

Office (620) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67525 Home (620) 587-3444

# GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L.D. Drilling Inc.  
LEASE Ellinwood Hand & Cattle Inc.  
FIELD Maybach  
LOCATION NE-SW-NW-SE (1928' FSL, 2123' FEL)  
SEC 24 TWSP 20<sup>S</sup> RGE 14<sup>W</sup>  
COUNTY Barton STATE Kansas

ELEVATIONS  
KB 1891  
DF \_\_\_\_\_  
GL 1886  
Measurements Are All From -KB-

CONTRACTOR Petromark Drilling (rig #2)  
SPUD 8/19/2014 COMP 8/26/2014  
RTD 3666 LTD -no log-  
MUD UP 2600' TYPE MUD Chemical displaced

CASING SURFACE 8 3/8" @ 813'  
PRODUCTION -none-  
ELECTRICAL SURVEYS -none-

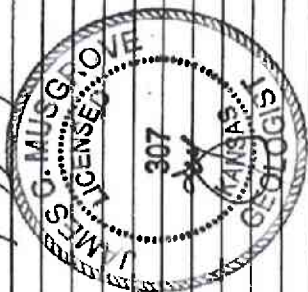
SAMPLES SAVED FROM 3000' TO \_\_\_\_\_  
DRILLING TIME KEPT FROM 3000' TO \_\_\_\_\_  
SAMPLES EXAMINED FROM 3100' TO \_\_\_\_\_  
GEOLOGICAL SUPERVISION FROM 3150' TO \_\_\_\_\_  
GEOLOGIST ON WELL Jim Musgrove

| FORMATION TOPS   | LOG    | SAMPLES    |
|------------------|--------|------------|
| anhydrite        | No log | 787 +1104  |
| Base anhydrite   |        | 813 +1078  |
| Heebner          |        | 3148 -1257 |
| Toronto          |        | 3158 -1267 |
| Douglas          |        | 3170 -1279 |
| Brown lime       |        | 3245 -1354 |
| Mansing          |        | 3255 -1364 |
| Base Kansas City |        | 3469 -1578 |
| conglomerate     |        | 3497 -1606 |
| Arbuckle         |        | 3505 -1614 |
| RTD              |        | 3666 -1675 |

REMARKS

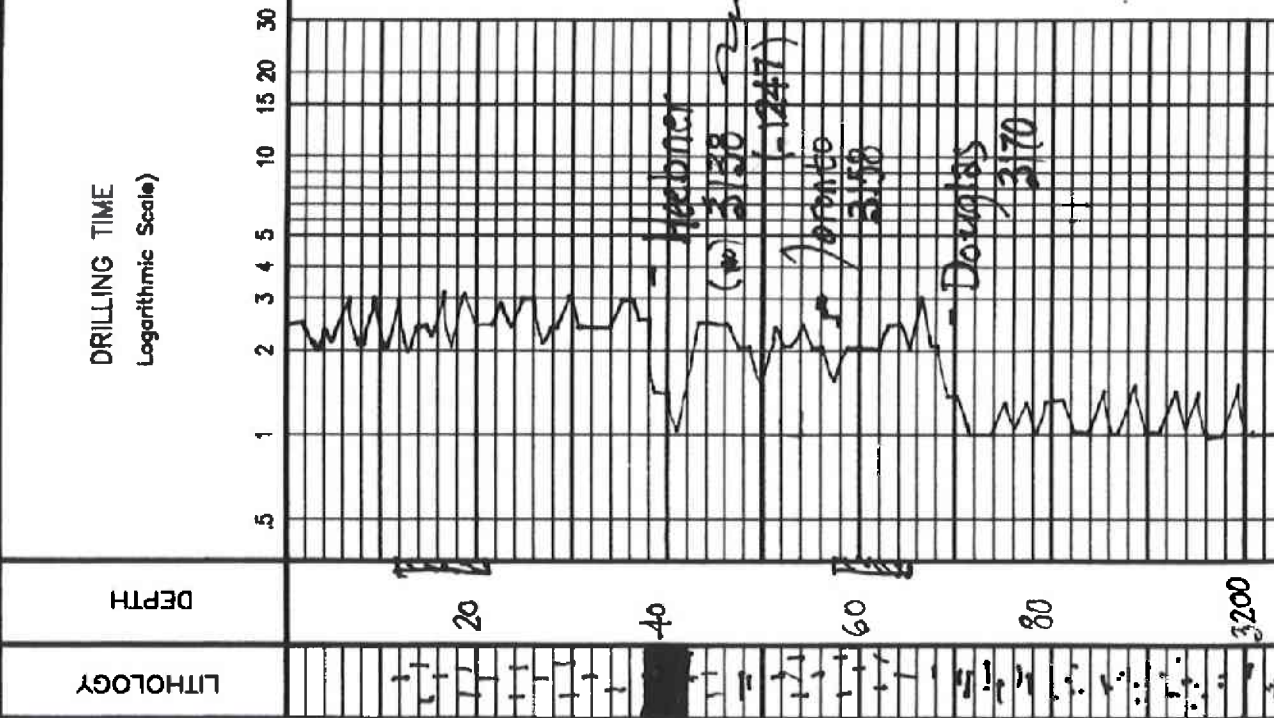
The Ellinwood Hand & Cattle Inc. was plugged & abandoned at the Rotary Total Depth 3666

Respectfully Submitted,  
James C. Musgrove  
Petroleum Geologist



## LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Ool. Lime
- Chert
- Dolomite



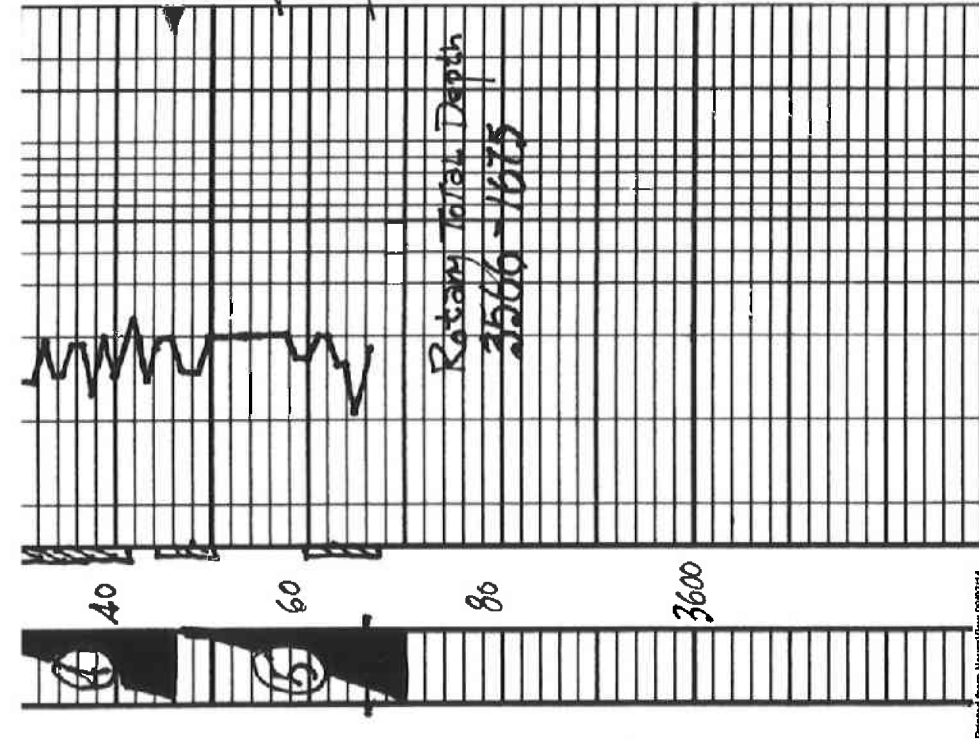
REMARKS

SAMPLE DESCRIPTIONS

1891 KB -

See + 50' (mud) (see w/ friable in part) this dead sh, no log, no add (Scott 107)





Ratam 16124 Depth  
3566 - 1675

30-30-30-30  
Blow weak  
Recovery; 123 gas in pipe  
8' mud  
Pressures:  
Isp 41 ps  
fsp 45  
Isp 12-16  
fsp 14-16  
MSH  
1693-1693 ps  
DST # 4  
3526-3546  
30-30-30-30  
Blow weak  
Rec: 60 gas in pipe  
8' mud  
pressures Isp 101 ps  
fsp 15-20  
Isp 26-23  
MSH  
1698  
-1698 ps

30-30-30-30  
Blow weak  
Recovery; 123 gas in pipe  
8' mud  
Pressures:  
Isp 41 ps  
fsp 45  
Isp 12-16  
fsp 14-16  
MSH  
1693-1693 ps  
DST # 4  
3526-3546  
30-30-30-30  
Blow weak  
Rec: 60 gas in pipe  
8' mud  
pressures Isp 101 ps  
fsp 15-20  
Isp 26-23  
MSH  
1698  
-1698 ps



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 11307 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

24 205 14w

| DATE OF JOB <b>8-27-14</b> DISTRICT |            | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: |     |                     |     |                            |                |           |              |
|-------------------------------------|------------|--|-----|---------------------|-----|----------------------------|----------------|-----------|--------------|
| CUSTOMER <b>L.D. Drilling Inc</b>   |            | LEASE <b>Ellinwood Land + Cattle Inc</b>   |     | WELL NO <b>1-24</b> |     |                            |                |           |              |
| ADDRESS                             |            | COUNTY <b>Barton</b>   |     | STATE <b>KS</b>     |     |                            |                |           |              |
| CITY STATE                          |            | SERVICE CREW <b>Scott, Pat, Dale</b>   |     |                     |     |                            |                |           |              |
| AUTHORIZED BY                       |            | JOB TYPE: <b>Plug to Abandon enw</b>   |     |                     |     |                            |                |           |              |
| EQUIPMENT#                          | HRS        | EQUIPMENT#   | HRS | EQUIPMENT#          | HRS | TRUCK CALLED               | DATE           | AM PM     | TIME         |
| <b>58970</b>                        | <b>2.2</b> |  |     |                     |     |                            |                |           |              |
| <b>19926 20426</b>                  | <b>2.2</b> |  |     |                     |     |                            | <b>8-26-14</b> | <b>AM</b> | <b>9:30</b>  |
| <b>19903 19860</b>                  | <b>2.2</b> |  |     |                     |     |                            | <b>8-26-14</b> | <b>AM</b> | <b>11:30</b> |
|                                     |            |  |     |                     |     |                            | <b>8-27-14</b> | <b>PM</b> | <b>1:43</b>  |
|                                     |            |  |     |                     |     |                            | <b>8-27-14</b> | <b>PM</b> | <b>2:30</b>  |
|                                     |            |  |     |                     |     | MILES FROM STATION TO WELL |                |           |              |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT        | QUANTITY   | UNIT PRICE | \$ AMOUNT        |
|---------------------|---------------------------------------|-------------|------------|------------|------------------|
| <b>CP103</b>        | <b>60140 POZ</b>                      | <b>SK</b>   | <b>220</b> |            | <b>2640 00</b>   |
| <b>CC 200</b>       | <b>Cement Gel</b>                     | <b>lb</b>   | <b>380</b> |            | <b>95 00</b>     |
| <b>CC 131</b>       | <b>Sugar</b>                          | <b>lb</b>   | <b>50</b>  |            | <b>250 00</b>    |
| <b>E 100</b>        | <b>Unit Mileage Pick ups</b>          | <b>MI</b>   | <b>45</b>  |            | <b>191 25</b>    |
| <b>E 101</b>        | <b>Heavy Equipment Mileage</b>        | <b>MI</b>   | <b>90</b>  |            | <b>630 00</b>    |
| <b>E 113</b>        | <b>Prop + Equip Delivery Charge</b>   | <b>TM</b>   | <b>428</b> |            | <b>940 50</b>    |
| <b>CE 204</b>       | <b>Depth Charge 3001-4000'</b>        | <b>4hrs</b> | <b>1</b>   |            | <b>2160 00</b>   |
| <b>CE 240</b>       | <b>Blending + Mixing Charge</b>       | <b>SK</b>   | <b>220</b> |            | <b>308 00</b>    |
| <b>S 003</b>        | <b>Service Supervisor</b>             | <b>Ea</b>   | <b>1</b>   |            | <b>175 00</b>    |
|                     |                                       |             |            |            | <b>SUB TOTAL</b> |

| CHEMICAL / ACID DATA: |  |  |
|-----------------------|--|--|
|                       |  |  |
|                       |  |  |
|                       |  |  |

|                     |            |                   |
|---------------------|------------|-------------------|
| SERVICE & EQUIPMENT | %TAX ON \$ |                   |
| MATERIALS           | %TAX ON \$ |                   |
| <b>TOTAL</b>        |            | <b>KG 5690 11</b> |

SERVICE REPRESENTATIVE   
FIELD SERVICE ORDER NO.

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:   
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

|   |                          |  |                      |
|---|--------------------------|--|----------------------|
| Customer<br><b>LD Drilling Inc</b>          | Lease No.                | Date<br><b>8-27-14</b>                 |                      |
| Lease<br><b>Ellinwood Land &amp; Cattle</b> | Well #<br><b>6</b>       |  |                      |
| Field Order #<br><b>11307A</b>              | Station<br><b>Pratt</b>  | Casing                                 | Depth<br><b>3500</b> |
| Type Job<br><b>Plug to Abandon</b>          | Formation<br><b>CRMW</b> | County<br><b>Barton</b>                | State<br><b>KS</b>   |
|   |                          | Legal Description<br><b>24 203 14W</b> |                      |

| PIPE DATA                            |              | PERFORATING DATA |    | FLUID USED |            | TREATMENT RESUME |       |                  |
|--------------------------------------|--------------|------------------|----|------------|------------|------------------|-------|------------------|
| Casing Size<br><b>2 7/8</b>          | Tubing Size  | Shots/Ft         |    | Acid       |            | RATE             | PRESS | ISIP             |
| Depth<br><b>3500</b>                 | Depth        | From             | To | Pre Pad    | Max        |                  |       | 5 Min.           |
| Volume<br><b>146</b>                 | Volume       | From             | To | Pad        | Min        |                  |       | 10 Min.          |
| Max Press<br><b>150</b>              | Max Press    | From             | To | Frac       | Avg        |                  |       | 15 Min.          |
| Well Connection<br><b>Drill Pipe</b> | Annulus Vol. | From             | To |            | HHP Used   |                  |       | Annulus Pressure |
| Plug Depth<br><b>3500</b>            | Packer Depth | From             | To | Flush      | Gas Volume |                  |       | Total Load       |

|                               |   |                                |
|-------------------------------|---|--------------------------------|
| Customer Representative       | Station Manager<br><b>Kevin Goodley</b> | Treater<br><b>Scott Graves</b> |
| Service Units<br><b>38970</b> | <b>19826</b>                            | <b>19803</b>                   |
| Driver Names<br><b>Scott</b>  | <b>Pat</b>                              | <b>Dale</b>                    |

| Time  | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log                       |
|-------|-----------------|-----------------|--------------|------|-----------------------------------|
| 9:30  |                 |                 |              |      | On Location Safety meeting Rig up |
| 11:20 |                 |                 |              |      | Fill well with mud                |
| 11:30 | 150             |                 | 15           | 3.5  | Pump H2O spacer                   |
| 11:35 | 150             |                 | 10.68        | 5    | Mix 50SKS 60/40 POZ at 14.8 ppq   |
| 11:38 | 100             |                 | 5.25         | 5    | Pump H2O spacer                   |
| 11:40 | 100             |                 | 37           | 5    | Pump mud                          |
| 11:48 | Ø               |                 |              |      | Shut down                         |
| 11:50 |                 |                 |              |      | Pull Drill pipe to 870'           |
| 12:45 | 50              |                 | 5            | 5    | Pump H2O spacer                   |
| 12:46 | 100             |                 | 17.09        | 4.8  | Mix 80SKS 60/40 POZ at 14.8 ppq   |
| 12:50 | 50              |                 | 2            | 4    | Pump H2O spacer                   |
| 12:51 | 50              |                 | 12           | 4.2  | Pump Mud                          |
| 12:55 | Ø               |                 |              |      | Shut down                         |
| 12:58 |                 |                 |              |      | Pull Drill pipe to 270'           |
| 1:09  | Ø               |                 | 3            | 5.1  | Pump H2O spacer                   |
| 1:09  | Ø               |                 | 10.68        | 5.2  | Mix 50SKS 60/40 POZ at 14.8 ppq   |
| 1:20  | Ø               |                 | 3            | 3.5  | Pump H2O                          |
| 1:22  |                 |                 |              |      | Shut Down pull Drill pipe to 40'  |
| 1:30  | Ø               |                 | 2.5          | 3    | Mix 10SKS 60/40 POZ at 14.8 ppq   |
| 1:35  |                 |                 |              |      | Shut Down                         |
| 1:40  | Ø               |                 | 6.5          | 3    | Plug Rat hole 30 SKS 60/40 POZ    |
| 1:43  |                 |                 |              |      | Shut Down Job Complete            |



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 11182 A

24-20-14

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

|                            |                                     |  |                                   |                               |                              |                              |                     |    |    |       |
|----------------------------|-------------------------------------|--|-----------------------------------|-------------------------------|------------------------------|------------------------------|---------------------|----|----|-------|
| DATE OF JOB: 8-20-14       | DISTRICT: PIATT                     | NEW WELL <input checked="" type="checkbox"/> | OLD WELL <input type="checkbox"/> | PROD <input type="checkbox"/> | INJ <input type="checkbox"/> | WDW <input type="checkbox"/> | CUSTOMER ORDER NO.: |    |    |       |
| CUSTOMER: LD Drilling, inc | LEASE: Ellinwood land + cattle, inc | WELL NO. 1-24                                |                                   |                               |                              |                              |                     |    |    |       |
| ADDRESS:                   | COUNTY: BAITON                      | STATE: KS                                    |                                   |                               |                              |                              |                     |    |    |       |
| CITY:                      | STATE:                              | SERVICE CREW: MATTAI HANSON COBB             |                                   |                               |                              |                              |                     |    |    |       |
| AUTHORIZED BY:             | JOB TYPE: CNW SURFACE               |  |                                   |                               |                              |                              |                     |    |    |       |
| EQUIPMENT#                 | HRS                                 | EQUIPMENT#                                   | HRS                               | EQUIPMENT#                    | HRS                          | TRUCK CALLED                 | DATE: 8-20-14       | AM | PM | TIME  |
| 37586                      | .5                                  |  |                                   |                               |                              |                              |                     |    |    | 11:00 |
|                            |                                     |  |                                   |                               |                              | ARRIVED AT JOB               |                     |    |    | 1:20  |
| 27467                      | .5                                  |  |                                   |                               |                              | START OPERATION              |                     |    |    | 4:35  |
|                            |                                     |  |                                   |                               |                              | FINISH OPERATION             |                     |    |    | 5:15  |
| 19800 / 2010               | .5                                  |  |                                   |                               |                              | RELEASED                     |                     |    |    | 5:45  |
|                            |                                     |  |                                   |                               |                              | MILES FROM STATION TO WELL   | 45                  |    |    |       |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| CP101               | A-CO <sub>2</sub>                     | SK   | 200      |            | 3600 00   |
| CP100C              | COMMON                                | SK   | 200      |            | 3200 00   |
| CC102               | CELLULOSE                             | LB   | 100      |            | 370 00    |
| CC109               | CALCIUM CHLORIDE                      | LB   | 940      |            | 287 00    |
| CK105               | TOP RUBBER Plug 8 5/8                 | EA   | 1        |            | 225 00    |
| CK1773              | CENTRALIZER 8 5/8                     | EA   | 3        |            | 435 00    |
| E100                | P.U. Miles                            | MI   | 45       |            | 191 25    |
| E101                | Heavy eq Miles                        | MI   | 90       |            | 630 00    |
| E113                | Pool + bulk Del.                      | TR   | 846      |            | 1,861 20  |
| CE201               | DEPT charge 501'-1001'                | 4h   | 1        |            | 1,200 00  |
| CE240               | Blend + mix charge                    | SK   | 400      |            | 560 00    |
| EE504               | Plug CONT.                            | TOP  | 1        |            | 250 00    |
| S003                | SUPERVISOR                            | EA   | 1        |            | 175 00    |
| SUB TOTAL           |                                       |      |          |            | 10,537 03 |

| CHEMICAL / ACID DATA: |  |  |  |
|-----------------------|--|--|--|
|                       |  |  |  |
|                       |  |  |  |
|                       |  |  |  |

|                     |            |  |
|---------------------|------------|--|
| SERVICE & EQUIPMENT | %TAX ON \$ |  |
| MATERIALS           | %TAX ON \$ |  |
| TOTAL               |            |  |

SERVICE REPRESENTATIVE: Mike Mattai

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



|  |                         |                                      |
|--|-------------------------|--------------------------------------|
| Customer<br><b>L.D. Drilling, Inc</b>            | Lease No.               | Date<br><b>8-20-14</b>               |
| Lease<br><b>Ellinwood Land &amp; Cattle, Inc</b> | Well #<br><b>1-24</b>   |                                      |
| Field Order #<br><b>1182</b>                     | Station<br><b>Pratt</b> | Casing<br><b>8 5/8</b>               |
|  |                         | Depth<br><b>798.55</b>               |
| Type Job<br><b>CNW SURFACE</b>                   | Formation               | County<br><b>Barton</b>              |
|  |                         | State<br><b>KS</b>                   |
|  |                         | Legal Description<br><b>24-20-14</b> |

| PIPE DATA                    |              | PERFORATING DATA |    | FLUID USED                 |                      | TREATMENT RESUME |                        |                         |
|------------------------------|--------------|------------------|----|----------------------------|----------------------|------------------|------------------------|-------------------------|
| Casing Size<br><b>8 5/8</b>  | Tubing Size  | Shots/Ft         |    | Acid amt<br><b>200 SKS</b> | A-CO <sub>1</sub>    | RATE<br><b>3</b> | PRESS<br><b>300 cc</b> | ISIP<br><b>14.5 Min</b> |
| Depth<br><b>798.55</b>       | Depth        | From             | To | Pre Pad<br><b>200 SUR</b>  | Max<br><b>COMMON</b> |                  |                        |                         |
| Volume<br><b>49.9</b>        | Volume       | From             | To | Pad                        | Min                  |                  |                        | 10 Min.                 |
| Max Press<br><b>580</b>      | Max Press    | From             | To | Frac                       | Avg                  |                  |                        | 15 Min.                 |
| Well Connection<br><b>PC</b> | Annulus Vol. | From             | To |                            | HHP Used             |                  |                        | Annulus Pressure        |
| Plug Depth<br><b>795.9</b>   | Packer Depth | From             | To | Flush<br><b>49.5</b>       | Gas Volume           |                  |                        | Total Load              |

|   |  |                               |
|---|--|-------------------------------|
| Customer Representative<br><b>DAVID ROACH</b> | Station Manager<br><b>Kevin Guidry</b> | Treater<br><b>MIKE MATTAL</b> |
| Service Units<br><b>37586</b>                 | <b>27463</b>                           | <b>19860 21010</b>            |
| Driver Names<br><b>MATTAL</b>                 | <b>AMSON</b>                           | <b>C O B B</b>                |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log                                  |
|------|-----------------|-----------------|--------------|------|--|
| 1:20 |                 |                 |              |      | ON LOCATION / SAFETY MEETING                 |
| 1:50 |                 |                 |              |      | run 8 5/8 28" casing, cent @ 800', 400', 40' |
| 4:08 |                 |                 |              |      | Casing on bottom                             |
| 4:25 |                 |                 |              |      | Hook up to casing / Break circ w. Rig        |
| 4:35 | 200             |                 | 3            |      | pull 3 BBL water                             |
| 4:36 | 200             |                 | 85           | 6    | Mix 200 SKS A-CO <sub>1</sub>                |
| 4:50 | 300             |                 | 44           | 6    | Mix 200 SKS COMMON                           |
| 5:00 | —               |                 | —            | —    | release plug                                 |
| 5:03 | 200             |                 | —            | 5    | START DISP                                   |
| 5:15 | 300             |                 | 49.5         |      | plug down, shut in well<br>20 BBL amt to pit |
|      |                 |                 |              |      | JOB COMPLETE                                 |
|      |                 |                 |              |      | THANK YOU!                                   |
|      |                 |                 |              |      | MIKE MATTAL                                  |