

#### Kansas Corporation Commission Oil & Gas Conservation Division

#### 1055300

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License #  | API No. 15   |
|--|--|
| Name:  | Spot Description:  |
| Address 1:   | SecTwpS. R   |
| Address 2:   | Feet from North / South Line of Section  |
| City: State: Zip:+   | Feet from East / West Line of Section  |
| Contact Person:  | Footages Calculated from Nearest Outside Section Corner:   |
| Phone: ()  | □NE □NW □SE □SW  |
| CONTRACTOR: License #  | County:  |
| Name:  | Lease Name: Well #:  |
| Wellsite Geologist:  | Field Name:  |
| Purchaser:   | Producing Formation:   |
| Designate Type of Completion:  | Elevation: Ground: Kelly Bushing:  |
| New Well Re-Entry Workover   | Total Depth: Plug Back Total Depth:  |
| Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | 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: sx cmt |
| Operator:  |  |
| Well Name:   | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)   |
| Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR                                 | Chloride content: ppm Fluid volume: bbls  Dewatering method used:  |
| Plug Back: Plug Back Total Depth   | Location of fluid disposal if hauled offsite:  |
| Commingled Permit #:   | Operator Name:   |
| Dual Completion Permit #:  | Lease Name: License #:   |
| SWD Permit #:  | QuarterSec TwpS. R East West   |
| ENHR Permit #:   | County: Permit #:  |
| GSW Permit #:  |  |
| Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date                           |  |

#### **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                |  |  |  |  |  |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Letter of Confidentiality Received |  |  |  |  |  |  |  |  |  |  |
| Date:                              |  |  |  |  |  |  |  |  |  |  |
| Confidential Release Date:         |  |  |  |  |  |  |  |  |  |  |
| Wireline Log Received              |  |  |  |  |  |  |  |  |  |  |
| Geologist Report Received          |  |  |  |  |  |  |  |  |  |  |
| UIC Distribution                   |  |  |  |  |  |  |  |  |  |  |
| ALT I II Approved by: Date:        |  |  |  |  |  |  |  |  |  |  |

Side Two



| Operator Name:   |  |                                     |                                | _ Lease N            | lame:     |                        |   | Well #:          |          |                         |
|--|--|-------------------------------------|--------------------------------|----------------------|-----------|------------------------|---|------------------|----------|-------------------------|
| Sec Twp  | S. R   | East                                | West                           | County:              |           |                        |   |                  |          |                         |
| INSTRUCTIONS: Sh<br>time tool open and clo<br>recovery, and flow rate<br>line Logs surveyed. A | osed, flowing and shu<br>es if gas to surface te | t-in pressures,<br>st, along with f | whether sh<br>inal chart(s     | nut-in press         | ure reach | ed static level,       | hydrostatic pres                          | ssures, bottom h | ole temp | erature, fluid          |
| Drill Stem Tests Taker<br>(Attach Additional S   |  | Yes                                 | No                             |                      | Log       | y Formation            | n (Top), Depth a                          | nd Datum         |          | Sample                  |
| Samples Sent to Geo  | logical Survey                                   | Yes                                 | No                             |                      | Name      |                        |   | Тор              | I        | Datum                   |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitte<br>(If no, Submit Copy                | d Electronically                                 | Yes Yes Yes                         | ☐ No<br>☐ No<br>☐ No           |                      |           |                        |   |                  |          |                         |
| List All E. Logs Run:  |  |                                     |                                |                      |           |                        |   |                  |          |                         |
|  |  | Report all                          | CASING I                       |                      | New       | Used mediate, producti | on, etc.                                  |                  |          |                         |
| Purpose of String  | Size Hole<br>Drilled                             | Size Hole Size Casing               |                                |                      | ht<br>Ft. | Setting<br>Depth       | Type of<br>Cement                         | # Sacks<br>Used  | , ,,     | and Percent<br>dditives |
|  |  |                                     |                                |                      |           |                        |   |                  |          |                         |
|  |  | AI                                  | DDITIONAL                      | CEMENTIN             | G / SQUE  | EZE RECORD             |   |                  |          |                         |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone                                  | Type of Co                                       | ement                               | # Sacks                        | Used                 |           | Type and               | Percent Additives                         |                  |          |                         |
|  |  |                                     |                                |                      |           |                        |   |                  |          |                         |
| Shots Per Foot   | PERFORATI<br>Specify I                           | ON RECORD -<br>Footage of Each      | Bridge Plugs<br>Interval Perfo | s Set/Type<br>orated |           |                        | cture, Shot, Cemei<br>mount and Kind of N |                  | d<br>    | Depth                   |
|  |  |                                     |                                |                      |           |                        |   |                  |          |                         |
|  |  |                                     |                                |                      |           |                        |   |                  |          |                         |
| TUBING RECORD:   | Size:  | Set At:                             |                                | Packer At:           |           | Liner Run:             |   |                  |          |                         |
| Date of First, Resumed   | Production, SWD or EN                            |                                     | ducing Meth                    | od:                  |           | as Lift C              | Yes No                                    | 0                |          |                         |
| Estimated Production<br>Per 24 Hours   | Oil  | Bbls.                               |                                | Mcf                  | Water     |                        | ols.                                      | Gas-Oil Ratio    |          | Gravity                 |
| DISPOSITIO   | ON OF GAS:                                       |                                     | M                              | IETHOD OF            | COMPLET   | ION:                   |   | PRODUCTIO        | ON INTER | VAL:                    |
| Vented Sold  | Used on Lease                                    | Open                                | Hole (Specify)                 | Perf.                | Dually (  |                        | nmingled<br>mit ACO-4)                    |                  |          |                         |

| Form      | ACO1 - Well Completion |
|-----------|------------------------|
| Operator  | L. D. Drilling, Inc.   |
| Well Name | JACK 2-6               |
| Doc ID    | 1055300                |

### All Electric Logs Run

| BOREHOLE COMPENSATED SONIC LOG |
|--------------------------------|
| DUAL COMPENSATED POROSITY LOG  |
| DUAL INDUCTION LOG             |
| MICRORESISTIVITY LOG           |
| SONIC CEMENT BOND LOG          |

| Form      | ACO1 - Well Completion |
|-----------|------------------------|
| Operator  | L. D. Drilling, Inc.   |
| Well Name | JACK 2-6               |
| Doc ID    | 1055300                |

#### Tops

| Name             | Тор  | Datum |
|------------------|------|-------|
| ANHYDRITE        | 685  | +1149 |
| BASE ANHYDRITE   | 707  | +1127 |
| HEEBNER          | 2953 | -1119 |
| TORONTO          | 2971 | -1137 |
| DOUGLAS          | 2986 | -1152 |
| BROWN LIME       | 3063 | -1229 |
| LANSING          | 3075 | -1241 |
| BASE KANSAS CITY | 3319 | -1485 |
| ARBUCKLE         | 3341 | -1507 |

# BASIC SERVICES

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

## FIELD SERVICE TICKET 1718 03858 A

|                |       | PING & WIRELINE    | 7-1  | DATE TICKET NO                           |                        |     |                                 |  |  |  |  |
|----------------|-------|--------------------|------|--|------------------------|-----|---------------------------------|--|--|--|--|
| DATE OF 3-26-1 | 1     | DISTRICT Pratt. IT | ansa | NEW OLD PROD INJ WDW CUSTOMER ORDER NO.: |                        |     |                                 |  |  |  |  |
| CUSTOMER [ ]   | Drill | ing, Incorpore     | ited | LEASE Jack WELL NO. 2-6                  |                        |     |                                 |  |  |  |  |
| ADDRESS        |       |                    |      | COUNTY Barton STATE TANSAS               |                        |     |                                 |  |  |  |  |
| CITY           |       | STATE              |      | SERVICE CREW Messich Matal: D. Phye      |                        |     |                                 |  |  |  |  |
| AUTHORIZED BY  |       |                    |      | 3.1                                      | JOBTYPEC. N. W Surface |     |                                 |  |  |  |  |
| EQUIPMENT#     | HRS   | EQUIPMENT#         | HRS  | EQU                                      | IIPMENT#               | HRS | TRUCK CALLED 3 25- V PM TIME    |  |  |  |  |
| 37,216         | . 5   | KAL NE II.         |      |  |                        |     | ARRIVED AT JOB 3-25-11 20:30    |  |  |  |  |
| 19.903-19.905  | 5     |                    |      |  |                        |     | START OPERATION 3-26-11 PM 1-15 |  |  |  |  |
| 17,705 17,705  | 2     |                    | R.   |  |                        |     | FINISH OPERATION 3 26-11 PM 145 |  |  |  |  |
| 19.960-19.918  | . 5   |                    | 1050 |  | 7 - 7 - 7              |     | RELEASED 3-26-11 PR 200         |  |  |  |  |
| * 11           |       |                    |      |  |                        |     | 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<br>REF. NO.     | MATERIAL, EQUIPMENT AND SERVICES  | S USED UNIT  | QUANTITY  | UNIT PRICE   | \$ AMOUNT  |   |
|----------------------------|---|--|---|--|--|---|
| CP 103                     | 60/40 PozCement   | SIT  | 3201  | \$   | 3,8400   | 0   |
| CC 102                     | Cellflate<br>Calcium Chloride   | Lb   | 81 -  | \$   | 299 7<br>869 to  | 0   |
| CF   53                    | Wooden Plug, 85/8"  | еч   | 1   | \$   | 160 0  | 0   |
| F 100<br>F 101<br>E 113    | Pickup Mileage<br>Heavy Equipment Mileage<br>Bulk Delivery                          | mi<br>mi<br>tm   | 70<br>140<br>966  | \$   | 297 5<br>980 0<br>1,54 <b>5</b> 6  | 50  |
| CE 200<br>CE 240<br>CE 504 | Cement Pump: OFeet To 500 F<br>Blending and Mixing Service<br>Plug Container        | eet hrs<br>sh<br>Job   | 320   | \$   | 1,000 0<br>448 0<br>250 0  | 00  |
| 5.00,3<br>CHE              | Service Supervisor  | SERVICE & EQUIPMENT MATERIALS  |   |  | 7,398 9  | 30  |
|                            | CE 103<br>CC 109<br>CE 153<br>E 100<br>E 101<br>E 113<br>CE 200<br>CE 240<br>CE 504 | CF 103 60/40 Poz Cement  CC 102 Cell flate  CC 109 Calcium Chloride  CF 153 Wooden Plug, 85/8"  F 100 Pictrup Mileage  F 101 Heavy Equipment Mileage  E 113 Bult Delivery  CF 200 Cement Pump: OFeet To 500 F  CE 240 Blending and Mixing Service  CF 504 Plug Container | CC 103 60/40 Poz Cement  CC 103 Cell flatre  CC 109 Calcium Chloride  CF 153 Wooden Plug, 85/8"  E 100 Pick up Mileage  F 101 Heavy Equipment Mileage  E 113 Bulk Delivery  The CF 200 Cement Pump: Ofeet To 500 Feet  CF 240 Blending and Mixing Service  CF 504 Plug Container  CHEMICAL/ACID DATA:  CHEMICAL/ACID DATA:  SERVICE & EQUIPMENT | CF 103 60/40 Poz Cement  CC 102 Cell flatte CC 109 Calcium Chloride  CF 153 Wooden Plug, 85/8"  E 100 Pick up Mileage F 101 Heavy Equipment Mileage E 113 Bult Delivery  TM 966  CF 200 Cement Pump: Offeet To 500 Feet CF 240 Blending and Mixing Service CF 504 Plug Container  CHEMICAL/ACID DATA:  CHEMICAL/ACID DATA:  SERVICE & EQUIPMENT %TAX | CC 102 Cellflatre  CC 109 Calcium Chloride  CF 153 Wooden Plug, 85/8"  E 100 Pictrup Mileage F 101 Heavy Equipment Mileage F 101 Heavy Equipment Mileage F 101 Bult Delivery  TM 966  SERVICE & EQUIPMENT  SERVICE & EQUIPMENT  MATERIALS  SERVICE & EQUIPMENT | CC 103 60/40 Poz Cement Sh 320 \$ 3,840 \$ CC 103 Cellflatre CC 109 Calcium Chloride  CF 153 Wooden Plug, 858"  E 100 Pich up Mileage F 101 Heavy Equipment Mileage F 101 Heavy Equipment Mileage F 113 Bulh Delivery  TM 966 \$ 1,545 6  CF 200 Cement Pump; Offeet To 500 Feet  CF 240 Blending and Mixing Service  Sh 320 \$ 448 C  CF 504 Plug Centainer  SERVICE & EQUIPMENT \$ SUB TOTAL  CHEMICAL / ACID DATA:  SERVICE & EQUIPMENT \$ TAX ON \$  MATERIALS \$ \$TAX ON \$ |

| SERVICE (      | L am |        |
|----------------|------|--------|
| REPRESENTATIVE | RIII | 0.0014 |

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



### TREATMENT REPORT

|                     | C3 -2           |                |             |       |        |           |          |          |      |                 |  |             |       |        |             |      |             |  |  |
|---------------------|-----------------|----------------|-------------|-------|--------|-----------|----------|----------|------|-----------------|--|-------------|-------|--------|-------------|------|-------------|--|--|
| Customer            | illing,         | I              | heer        | porc  | atea   |           |          |          |      |                 |  | Date        | Z     | -      | 6-          | 1    | 1           |  |  |
|                     | ach             | 744            |             | -     | w      | ell# /    | <u> </u> | 6        | ar.  | Liberth         |  | Count       |       | d      | 0_          | Tigh | to          |  |  |
| Eield Order#        | Station         | L              | catt,       | Ta    | 1159   | 15        |          | Casin    | 3 2  | Pormation       | 340F0  | County<br>1 |       | Sart.  | O N         | 111  | te<br>GNSqs |  |  |
| Type Job            | ourt            |                | _           |       |        | Formation |          |          |      | 6 T             | escription   | W           |       |        |             |      |             |  |  |
| PIPI                | E DATA          |                | PERF        | ORA   | FING   | PATA      | nt       |          | DL   | JSED            |  |             | TREAT | MENT   | MENT RESUME |      |             |  |  |
| Casting Size 4      | L Tubing Siz    | 2 <del>0</del> | Shots/Fi    | t     | 32     | 050       | A        | rs 60    | )/   | 40 Poz          | with   | RATE        | PRE   |        | ISIP        |      |             |  |  |
| Depth OFee          |                 |                | From        |       |        | Ge        | 914      | 3 Ca     | İc   | ium Chl         | Max J  | 25          | Lb.1  | st.c   | 5 Min.)     | ilre |             |  |  |
| Volume Bb           | Volume          |                | From        |       | То     | 4.81      | 0.       | 1/Gal    |      | 5.18 Gal        | Min. L.  | 210         | U.F   | T./Sh  |             |      |             |  |  |
| Max Press           | Max Press       |                | From        |       | То     |           | 19302    | 10°      |      |                 | Avg  |             |       |        | 15 Min.     |      |             |  |  |
| Well Connection     |                 |                | From        |       | То     |           | _        |          |      |                 | HHP Used   |             |       |        | Annulus     |      | ıre         |  |  |
| Plug-Depth_         |                 |                | From        |       | То     |           | Flu      | do       | B    | ol, Frest       | Gas Young  | 14 - N      |       |        | Total Loa   |      |             |  |  |
| Customer Rep        | presentative    |                | 450         | n     |        | Statio    | _        | D        |      | id Sco          |  | rea         | a(e   | nce R. | Mess        | ict  |             |  |  |
| Service Units       | 37,216          | 19             | 903         | 7     | 05     | 19,9      | 60       | 19,918   | }    |                 |  |             |       |        |             |      |             |  |  |
| Driver<br>Names M € | SSICH<br>Casing | 5.5            | Ma<br>ubing | ttal  |        |           | Ph       | ye       |      |                 |  |             |       |        |             |      | n soulide   |  |  |
| Time P. /           | . Pressure      |                | essure      | Bbls  | s. Pum | ped       |          | Rate     | _    |                 | Service Log  |             |       |        |             |      |             |  |  |
| 10:30               |                 |                |             |       |        |           |          |          |      | location        |  |             |       |        | /           |      |             |  |  |
| 12:15               | Petron          | ar.            | t Dri       | lline | sto    | urt t     | YVI      | 18 Ja    | 21.4 | ts new 2        |  |             |       |        |             |      |             |  |  |
| 1:00                |                 | _              |             |       |        | -         |          | -        | _    |                 | in well. Circolate for 5 minutes.  |             |       |        |             |      |             |  |  |
| 1:10                | 250             | _              |             |       |        | -         |          | <u></u>  |      | 17              | Fresh Water Pre-Flush.   |             |       |        |             |      |             |  |  |
|                     | 300             | _              |             | -     | 10     | -         |          | <u> </u> |      |                 | mixing 320 suchs 60140 Poz cement  |             |       |        |             |      |             |  |  |
|                     | -0-             | _              |             | _(    |        | -         | Α        |          | _    |                 | pumping. Shut in Well. Release Wooden  |             |       |        |             |      |             |  |  |
| 1:25                | l a m           | _              |             |       |        | _         | -        | 5        |      |                 | Open Well.   |             |       |        |             |      |             |  |  |
| 1:30                | 100             | _              | 19 A        | -     | 20     |           |          |          |      |                 | Freshwater displacement.<br>lown. Shut in well.  |             |       |        |             |      |             |  |  |
| 1:35                | 350             | _              |             |       | 20     |           | _        |          |      | /               |  |             |       |        | # h = 4     |      |             |  |  |
|                     |                 |                |             |       | _      |           |          |          |      | Circula         |  |             |       |        | Life Dill   |      | -           |  |  |
| 2:00                |                 |                | ж .         |       |        |           | _        |          |      | Washu           |  |             |       |        |             | _    |             |  |  |
| a:00                |                 |                |             |       |        |           |          |          |      | Job Co<br>Thank | - Vall   |             |       |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      | Clare           | NO MI  | To.         | Dale  |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      | Ciale           | The Cartest of the Ca | ,           | 2410  |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      |                 |  |             |       |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      |                 |  |             |       |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      |                 |  | < 1°        |       |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      |                 |  |             |       |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      |                 |  |             |       |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      |                 |  |             |       |        |             |      |             |  |  |
|                     |                 |                |             |       |        |           |          |          |      |                 |  |             |       |        |             |      |             |  |  |



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

## FIELD SERVICE TICKET 1718 03646 A

& WIRELINE DATE TICKET NO.\_\_\_\_\_

| DATE OF<br>JOB 3 - 3 | 1-11             | DISTRI                         | OT KANSA   | S                                 |                              | WELL X                           | VELL□ F    | PROD [] INJ           | □ WDW               | □ CU<br>OR | STOMER<br>DER NO.; |               |
|----------------------|------------------|--------------------------------|--|-----------------------------------|------------------------------|----------------------------------|------------|-----------------------|---------------------|------------|--------------------|---------------|
| CUSTOMER/            | D. D.            | cilli                          |  |                                   |                              | LEASE TACK WELL NO. 2-6          |            |                       |                     |            |                    |               |
| ADDRESS              |                  |                                | 1  | COUNTYBACTON 6-18-11 STATE KANSAS |                              |                                  |            |                       |                     |            |                    |               |
| CITY                 | 7 111            |                                | STATE  |                                   |                              |                                  |            |                       | B. Mit              |            | 1 1/               | Lesly         |
| AUTHORIZED B         | ΙΥ               |                                |  |                                   | 11.11                        | JOB TYPE: 4                      | 2 / 1      | ong St                |                     |            | 61                 | vw            |
| EQUIPMENT            | T# HR            | S E                            | EQUIPMENT#   | HRS                               | EQL                          | JIPMENT#                         | HRS        | TRUCK CALL            |                     | DATE       | AIM /              | TIME<br>/3 () |
| 28443                | PU 1/3           |                                |  |                                   |                              |                                  |            | ARRIVED AT            | JOB _>-             | 3 / - /    | / <b>常)</b> :3     | 00            |
| 19889-19             | 84517            | 12                             |  |                                   |                              |                                  |            | START OPE             |                     | 31-1       | Levi               | 0 5           |
| 71212                |                  |                                |  |                                   |                              |                                  |            | FINISH OPE            | RATION              | 31-1       | GENT               | 00            |
|                      |                  |                                |  |                                   |                              |                                  |            | RELEASED              | 3 3                 |            | 1,111              | 300           |
|                      |                  |                                |  |                                   |                              |                                  |            | MILES FROM            | A STATION TO        | WELL       | 70-m               | ilss          |
| products, and/or su  | ipplies includes | s all of and o<br>hout the wri | this contract as an a<br>only those terms and<br>tten consent of an ol | conditions a<br>flicer of Bas     | appearing on<br>ic Energy Se | the front and back<br>rvices LP, | of this do | SIGNED:<br>(WELL OWNE | ional or substitute | contr      | ACTOR OR           | ions shall    |
| REF. NO.             |                  | MATER                          | IAL, EQUIPMENT   | AND SEF                           | IVICES US                    | ED                               | UNIT       | QUANTITY              | UNIT PRIC           | <b>注</b>   | \$ AMO             |               |
| CPID3                | 60/5             | 10 1                           | 02   |                                   |                              |                                  | 5/5<br>5K  | 15.0                  |                     | +          | 0                  | 60 00         |
| C 10 S               |                  |                                |  |                                   |                              | -                                | 24         | 30                    |                     |            | B > 1              | 100           |
| 4102                 | cell             | FIL                            | Kc   | H                                 |                              |                                  | 16         | 38                    | 2                   |            | 140                | -60           |
| CG111                | SALT             | F                              | Ne   |                                   |                              |                                  | 16         | 1336                  |                     | 1          | 166                | 7 80          |
| CC112                | Ceme             |                                | Friction   | 1 Re                              | duce.                        |                                  | 16         | 97                    |                     | 1          | 583                | +50           |
| CC 201               | Gilse            | wit-                           | •  |                                   |                              |                                  | 16         | 750                   |                     | 1          | 4 60               | 2 80          |
| CF102                | To               | Ruhl                           | ser cen  | ent                               | Plus                         | 4/2                              | EA         | - /                   | Traff               |            | 15 80              | 00            |
| CF 250               | Guio             | Pe S.                          | boe Reg  | . 41                              | " B                          | 14e 44                           | EA         | 1                     | į.                  |            | \$ 22              | 500           |
| CF 1450              | FIRER            | er T                           | ype IN   | seit                              | Flor                         | at Vile                          | EA         | 1                     |                     | * 1        | B 20               |               |
| CF1650               | Tuch             | oLiz                           | e- 4/2   | 15/                               | ue                           |                                  | EA         | _5                    |                     |            | K 42               | 2.00          |
| 0294                 | CS-1             | LK                             | CL 546   | 5                                 |                              |                                  | GAI        | 1                     |                     |            | 2 3                | 5. 00         |
| CC151                | much             | O FI                           | lush   |                                   |                              |                                  | 901        | -500                  |                     | B          | 43                 | 0. 00         |
|                      |                  |                                |  | -                                 |                              |                                  | -          |                       |                     | -          |                    |               |
|                      |                  |                                |  |                                   | -                            |                                  |            |                       |                     |            |                    |               |
|                      |                  |                                |  |                                   |                              |                                  |            |                       |                     |            |                    |               |
| CHI                  | EMICAL / ACII    | η ΠΑΤΑ·                        |  | 1                                 |                              |                                  |            |                       | SUB T               | OTAL       |                    | +             |
| CH                   | CIVIOAC / AOII   | DAIA.                          |  |                                   | SEI                          | RVICE & EQUIF                    | PMENT      | %TA                   | X ON \$             |            |                    |               |
|                      |                  |                                |  |                                   |                              | TERIALS                          |            |                       | X ON \$             |            |                    |               |
|                      |                  |                                |  | ]                                 | 8                            |                                  | 1          |                       | T                   | OTAL       |                    | 27            |
|                      |                  |                                |  |                                   |                              |                                  |            |                       |                     |            |                    | 1             |

SERVICE
REPRESENTATIVE Allen & West

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR UR AGENT)



## FIELD SERVICE TICKET

1718 03647 A

|                        |   | SERVICES Phon   | ne 620-6'     | 72-1201                     |  |                         | DATE                                | TICKET NO.  | 36          | ,46A                |            |       |
|------------------------|---|---|---------------|-----------------------------|--|-------------------------|-------------------------------------|---|-------------|---------------------|------------|-------|
| DATE OF<br>JOB 2 - 2   | 1-11 0                                      | DISTRICT KANSA  | 5             |                             | MEN N                                      | LD   F                  | ROD []INJ                           | □WDW  | □ Ĉŀ        | JSTOMER<br>RDER NO. | <b>.</b> : |       |
| CUSTOMER L.            | D. Do                                       | Him, IN   |               |                             | LEASE                                      | ick                     |                                     | 20.10   |             | WELL N              | io.> -     | -6    |
| ADDRESS                |   |   |               |                             | COUNTYBA                                   | ton                     | 6-18-                               | STATE   | AR          | ICAS                |            |       |
| CITY                   |   | STATE   |               |                             | SERVICE CRE                                | EWA.                    | Nerth                               | B. Mits   | be          | 1, K. C             | -51        | 1-1   |
| AUTHORIZED B           | Y   |   |               |                             | JOB TYPE: 4                                | 1/2                     | Long St                             |   | 100         | C1                  |            |       |
| EQUIPMENT              |   | EQUIPMENT#  | HRS           | EQL                         | JIPMENT#                                   | HRS                     | TRUCK CAL                           | LED 3-3/  | DATE<br>-// | PM                  | TIME       |       |
| 19889-19               | P. U. 1/2<br>142 1/2                        |   |               |                             |  |                         | ARRIVED AT                          | -5-2  | 1-1         |                     | 30         |       |
| 19959-21               |   |   |               |                             |  |                         | START OPE                           | 1-0   | 1-1         |                     |            |       |
|                        |   |   |               |                             |  |                         | FINISH OPE                          | RATION 3-3  | 1,-1        |                     | 700        | -0    |
|                        |   |   |               | A TO BE                     |  |                         | RELEASED                            | 3.3   | 1-1         |                     | 800        |       |
| 1447 79                |   |   |               |                             |  |                         | MILES FROM                          | M STATION TO  | NELL        | 70-m                | ile        | . 2   |
| products, and/or su    | d is authorized to e<br>pplies includes all | TRACT CONDITIONS: (This of<br>execute this contract as an ago<br>of and only those terms and of<br>the written consent of an office | jent of the o | customer. As<br>ppearing on | s such, the undersi-<br>the front and back | gned agre<br>of this do | ees and acknowl<br>cument. No addit | ledges that this cor  | terms :     | and/or cond         | litions    | shall |
| ITEM/PRICE<br>REF. NO. | TV  | MATERIAL, EQUIPMENT A   | AND SERV      | VICES US                    | ED   | UNIT                    | QUANTITY                            | UNIT PRICE  |             | \$ AMO              | TNUC       |       |
| E 100                  | unit m                                      | ilence Char   | ce            | Pick                        | UD.  | m i                     | 70                                  |   |             | # 29                | 7.         | 50    |
| F100                   | Hervy                                       | Easip mi  | 9. ne         | - Cl                        | ALSE                                       | mi                      | 140                                 |   |             | 4 88                | 0          | 00    |
| EU3                    | Bulk  | Delliver Ch   | ACSP          |                             | 9  | TM                      | 643                                 | 3 3   |             | B 86                | 8          | 00    |
| 0204                   | Depth                                       | Charge 30   | 01.4          | 1000                        | *  | 4-40                    |                                     |   |             | B 216               | 0.         | 00    |
| CE 2412                | Blendi                                      | Ny Amiximy  | Sec           | U. C.                       | Charge                                     | SK                      | 180                                 |   |             | 0 25                | ٥. ا       | 0.0   |
| CE 504                 | 01,   | portainer   | 1+1           | . n +                       | · on Chs.                                  | Tob                     | 1                                   |   |             | B 75                | 0          | 0.0   |
| 5003                   | Section                                     | e Commen  | first         | Shee                        | 201 / 20                                   | EA                      | 1                                   |   |             | 18 1 7.             | SWEET, ST  | 00    |
| 3003                   | 3870.0                                      | - Jupera Sar  | 1115          |                             |  | - /3                    |                                     | 11 = 7 = 1  | -           |                     |            |       |
|                        |   |   |               |                             |  |                         |                                     | Late Open Control of the Late |             | heart. Tr           |            |       |
|                        | V - V                                       |   |               |                             | I WILLY                                    |                         |                                     | A C UN  |             | -3-51               |            |       |
|                        |   |   |               |                             |  |                         |                                     |   |             |                     | 010        |       |
|                        |   |   |               |                             |  |                         |                                     |   |             |                     |            |       |
|                        |   |   |               |                             |  |                         | _                                   |   |             |                     |            | 10    |
|                        |   |   |               |                             | 12 10                                      |                         |                                     |   |             |                     |            |       |
|                        |   |   |               |                             |  |                         |                                     |   |             |                     |            |       |
|                        |   |   |               |                             |  | -                       |                                     |   |             |                     |            | -23   |
|                        |   |   | -             |                             |  |                         |                                     |   |             | E 4                 |            | -     |
|                        | EMON LAGO                                   | ATA.  | 1 1 1         |                             |  |                         |                                     | SUB TO  | TAL         |                     |            |       |
| CHI                    | EMICAL / ACID DA                            | AIA.  |               | 957                         | RVICE & EQUIP                              | MENT                    | 9/, T.A                             | X ON \$   | []          |                     |            |       |
|                        |   | #<br>   |               |                             | TERIALS                                    | VICIVI                  |                                     | X ON \$   |             |                     |            |       |
|                        |   | 1   |               |                             |  |                         |                                     |   | TAL         | 11                  |            |       |
|                        |   |   |               |                             |  |                         |                                     | DLS   |             | \$ 7,8.             | 22         | 58    |
|                        |   |   |               |                             |  |                         |                                     |   |             | 00                  |            |       |

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

REPRESENTATIVE

SERVICE



### TREATMENT REPORT

|                 | 85                 |                      | - , - , - , - , - , - , - , - , - , - , |          |   |          |           |            |            |             |            |              |
|-----------------|--------------------|----------------------|---|----------|---|----------|-----------|------------|------------|-------------|------------|--------------|
| Customer        | 2.00.              | Hive                 | TAK.                                    | ease No. |   |          |           |            | Date       |             |            |              |
| Lease JA        | cK                 | 0                    | V                                       | Vell#    |   |          |           |            |            | 3-31-1      | 1/         |              |
| Field Order #   | Station            | Att 1                | 5                                       |          | Ca  | sing /2  | Depth     | 7. 33      | County     | Barton      |            | State ANS.   |
| Type Job 4      | 1/2' 60            | inc St               | ring                                    |          | CNU   | <i>i</i> | Formation | 460        |            | Legal De    | escription |              |
| PIPI            | E DATA             | PERF                 | ORATING                                 | DATA     | FL  | UID USE  | ED        |            | Т          | REATMENT (  | RESUME     |              |
| Casing Size     | Tubing Siz         | e Shots/F            | t                                       | 20       | Acid<br>- P. G.I-                             | 2% 1     | CCL       |            | RATE       | PRESS       | ISIP       |              |
| کد_44 Depth     | Donth              | From                 | То                                      | 12       | Pre Pad                                       | Muc      | FIL       | Max<br>S 6 |            |             | 5 Min.     |              |
| Volume 1/2 C    | Nolume Nolume      | From                 | То                                      | /5       | Pad /s  | 60/4     | 10 Pc     | Min<br>2   | 15.4       | I GAL       | 10 Min.    |              |
| Max Press       | Max Press          | From                 | То                                      | 30       | Frac  | 60/      | 40 P      | Avg P      | 149.       | RA+1601     | 15 Min.    |              |
| Well Connection | on Annulus V       | ol. From             | То                                      |          |   |          |           | HHP Used   |            |             | Annulus F  |              |
| Plug Depth      | Packer De          | epth From            | То                                      |          | Flush   | . H      | 30        | Gas Volur  |            |             | Total Loa  | d<br>        |
| Customer Rep    | presentative       |                      | 1                                       | Station  | Manager                                       | COHY     | ,         |            | Treat      | erAllen     |            |              |
| Service Units   | 28443              | 19889                | 19842                                   |          |   | 010 1    | 3.        |            |            |             |            |              |
| Driver<br>Names | Weith              | Bradly               | mitche                                  | Kee      | UAM Les                                       | ley      |           |            |            |             | <u></u>    |              |
| Time            | Casing<br>Pressure | Tubing √<br>Pressure | Bbls. Pur                               | mped     | Rate  | -        |           | _          |            | Service Log | Pet,       | #7           |
| 300             |                    | 7:                   |   |          |   | 0        | NLOC      | Dis        | Cus        | c Satet     | Set        | up PlANITZ   |
|                 |                    |                      |   |          |   | L        | Aying     | down       | <u>v c</u> | allacs. &   | Rigy       | 7 10 Run 4/  |
| 430-            |                    |                      |   |          |   | 5        | FACT      | 4/2        | CAS        | ing, Sh     | ve J       | pint 17      |
|                 |                    |                      |   |          | _   | .1.1     | 1/R=      | g. O4      | , de       | Shoe, +     | Flagg      | er lype Ins. |
|                 |                    |                      |   |          |   |          | ent -     | 1-3-       | 7 - ک      | -9          | 1-         |              |
| 550             | 11                 |                      | _                                       |          |   | -19      | ASIA      | J @        | 34         | 55- HOC     | KUP        | + CIR        |
| 630             | 300 H              |                      | 2                                       |          |   | - 1      | ym        | 8 70       | 1515       | 15 27       | 0 / (      |              |
|                 |                    |                      | 12                                      | -        | <u>ر                                     </u> |          | ama       | 7 12       | 15/        | 1/200       | 01 1       | -1056        |
|                 |                    |                      |   | -        | 260   | S P      | um(g)     | -50        | 21010      | TO SEE      | PACE       | 11150-010    |
|                 |                    |                      | 7                                       | <i>\</i> |   |          | 1   X     | + Fu       | m          | 1505K       | 5 60       | + Direct     |
| 110             |                    |                      | 3                                       | 3        | , 1   | 10       | )caa      | Tag        | 1          | er Plus     | Z CI       | AI+DISP      |
| 652             | 400+               |                      |   |          | 10/   | 2 1      | no p      | PL N       | :- (7      | DC4         |            | 35047        |
| 7.40            | 4/30               |                      | _53                                     | 1/2      | 3   | 1        | 1/10      | do- E      |            | / -1-       | 1          |              |
| 700             | 24                 |                      | 32                                      | 100      |   | 16       | 20/2      | 000        | 957        | 04          |            |              |
| 1               | - 6/               |                      |   |          |   | 1        | 10.       | Rat        | No         | le w/       | 30.5F      | 5 60/40      |
| -               |                    |                      |   |          |   | 1        | 095       | 10V        | RNC        | KJPO        | Enwih      | 7-           |
| 700             |                    |                      |   |          |   |          | 06        | CAN        | 2010       | fe          | ) 0        |              |
| -3              |                    |                      |   |          |   | 7        | HLAN      | Ks         |            |             |            | - TAGE       |
|                 |                    |                      |   |          |   |          |           | 1/1        | on.        | Koru        | en l       | Bondley      |
|                 |                    |                      |   |          |   |          |           |            | 7          |             |            |              |
|                 |                    |                      |   |          |   | - 1      |           |            |            |             |            |              |

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

#### FIELD SERVICE TICKET 1718 03515

| F                      | PRESSURE PUM       | PING & WIRELINE   |                  |          |              |        | DATE                | TICKET NO                             |     | There              |             |
|------------------------|--------------------|---|------------------|----------|--------------|--------|---------------------|---------------------------------------|-----|--------------------|-------------|
| DATE OF                | 8-11               | DISTRICT FRAN   | T. Ks            |          | NEW P        | VELL P | ROD INJ             | □ wbw □                               |     | STOMER<br>DER NO.: |             |
| CUSTOMER 2             | 10x                | SRILIN  | G                |          | LEASE        | Ac     | *                   |                                       |     | WELL NO. Z         | -6          |
| ADDRESS                |                    |   |                  |          | COUNTY       | Bet    | RION                | STATE /                               | 3 5 |                    |             |
| CITY                   |                    | STATE   |                  |          | SERVICE CR   | EW /   | 16,K                | EEVEN                                 | n   | NCCIV              | Au.         |
| AUTHORIZED BY          | Υ                  |   |                  |          | JOB TYPE:    | CV     | UW-                 | SQUEE                                 | 20  |                    | 3           |
| EQUIPMENT              | # HRS              | EQUIPMENT#  | HRS              | EQI      | JIPMENT#     | HRS    | TRUCK CALL          | ED 4/0                                | ATE | AM TIME            | a           |
| 1990                   | 2                  | 19831   | 3                |          |              |        | ARRIVED AT          | JOB                                   | Y   | AM 07/             | 15          |
| 77.75                  | 0 _                | 21010   |                  |          |              |        | START OPER          | RATION                                | 1   | AM 08              | 00          |
| 23/0                   | 3                  |   |                  | -        |              |        | FINISH OPER         | RATION (                              | ""  | AM /03             | 0           |
| 2074                   |                    |   |                  |          |              |        | RELEASED            |                                       |     | AM //OC            | )           |
|                        |                    |   |                  |          |              |        | MILES FROM          | STATION TO W                          | ELL | 70                 |             |
| become a part of th    | is contract withou | I of and only those terms and out the written consent of an off | icer of Basic Er | nergy Se | ervices LP.  | s      | GNED:<br>(WELL OWNS | ER, OPERATOR, CO                      |     |                    | ENT)        |
| ITEM/PRICE<br>REF. NO. |                    | MATERIAL, EQUIPMENT   | AND SERVIC       | ES US    | SED          | UNIT   | QUANTITY            | UNIT PRICE                            |     | \$ AMICUNT         | -           |
| 67160                  | Com                | mon   |                  |          |              | SK     | 501                 |                                       | -   | 800.               | 00          |
| 87100                  | Co                 | Monnow  |                  |          |              | SIC    | 50-                 |                                       |     | 800                |             |
| CC105                  | DET                | OMMEN   |                  |          |              | 14.    | 12                  |                                       |     | 48.                | 00          |
| 00112                  | CF                 | -R  |                  |          |              | 16.    | 24,-                |                                       |     | 144                | 00          |
| CC129                  | 7                  | CA-322  |                  |          |              | 16.    | 24-                 |                                       |     | 180.               | 00          |
| P700.                  | 20/4               | U SHOW S  | AND              |          |              | CWI    | 2                   |                                       |     | 62.                | <b>Φ</b> υ  |
| E100                   | 240                | KUP INTO  | EI               |          |              | mile   | 70                  | , , , , , , , , , , , , , , , , , , , |     | 797.               | 30          |
| F101                   | TR                 | UCK WITH  | £ .              |          |              | Mil    | 140                 |                                       |     | 980.               | w           |
| E113,                  | 13                 | ULK DED IN  | VERY             |          |              | TWI    | 327                 |                                       | 25  | 526                | 70          |
| CE204                  | 2                  | Tent Clan   | MIL              | - <      |              | EM     | 100                 |                                       |     | 2160               | ~           |
| 0E240                  | 1348               | WARNE C   | imil             | 15       | 21.70        | 5K     | 100                 |                                       | 11  | 155                | 70          |
| 2005                   | 70                 | Wire Su   | WERE             |          | FOIL         | BA.    | 1                   |                                       |     | 430                | راد         |
| VE 500                 |                    | WEEK.   |                  | - Samuel | 0 64 3       | CH     |                     |                                       |     |                    | -1: man (4) |
|                        |                    |   |                  |          |              |        |                     |                                       |     | Marian             | 2=1         |
|                        |                    |   |                  |          |              |        |                     | OUD TOT                               | AL  |                    |             |
| CH                     | EMICAL / ACID I    | DATA;   | 1                |          |              |        |                     | SUB TOT                               | AL  | 5192.              | 05          |
|                        |                    |   | -                |          | RVICE & EQUI | PMENT  |                     | X ON \$                               | _   |                    |             |
|                        |                    |   |                  | _ M      | ATERIALS     |        | %1A                 | X ON \$<br>TOT                        | Δ1  | 113711             |             |
|                        |                    | 77  | 1                |          |              |        |                     | 101                                   | ,12 |                    |             |
|                        |                    |   |                  |          |              |        |                     |                                       |     |                    |             |
|                        |                    | 202   |                  |          |              |        |                     |                                       |     |                    |             |

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OF ERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

REPRESENTATIVE

SERVICE



### TREATMENT REPORT

| Customer        | 5 100              | TUD                | UC       | Lease No. |             |           |           | Date   | ,           |             |             |
|-----------------|--------------------|--------------------|----------|-----------|-------------|-----------|-----------|--------|-------------|-------------|-------------|
| Lease           | 100                | -//-               | manus Ko | Well #    | Ack 1       | 12-6      |           |        | 4-8-        | -11         |             |
| Field,Order #   | Station            | 704                | 17 6     | <u></u>   | Casing      | Depth     | i         | County | Rotas       | on          | State       |
| Type Job        | Mins               | - 50               | Sur      | 5578      |             | Formation | ARS       |        | Legal D     | Description | 5-18-11     |
| PIPE            | DATA               |                    |          | NG DATA   | FLUID U     | JSED      |           | T      | REATMENT    | RESUME      | :           |
| Casing Size     | Tubing Stat        | Shots/F            |          |           | Acid        |           |           | RATE   | PRESS       | ISIP        |             |
| Dépth           | Depth              | From               | 42       | To elel   | Pre Pad     |           | Max       |        |             | 5 Min.      |             |
| Volume /        | Volume             |                    |          | To 49     | Pad         |           | Min       |        |             | 10 Min.     |             |
| Max Press       | Max Press          | Frem               | -        | To 59     | Frac        |           | Avg       |        |             | 15 Min.     |             |
| Well Connection | n Annulus Vo       |                    | 8        | To 77_    |             |           | HHP Used  |        |             | Annulus     | Pressure    |
| Plug Depth      | Packer Det         |                    |          | То        | Flush       |           | Gas Volun | ne     |             | Total Loa   | d           |
| Customer Repr   | resentative        | US                 |          | Station   | Manager 5   | Cally     | 1         | Trea   | ter (nO)    | 1013        | 4           |
| Service Units   | 1990               | 3                  | 33)      | 708-      | 20920       | , /       | 1983      | 3/-    | 2/0/0       | 0           |             |
| Driver<br>Names | phc.               |                    |          | he        | noon        |           |           | 110    | CRAV        | 1           |             |
| Time            | Casing<br>Pressure | Tubing<br>Pressure | Bbis.    | Pumped    | Rate        |           |           |        | Service Log |             | 1553        |
| 9715            | 1820 - 18          |                    |          |           |             | ON        | 100       | 1452   | son         |             |             |
| Hg I            |                    |                    |          |           |             | 713       | 57 R      | BF     | -342        | 5 94        | 2-3399      |
| 4               |                    | 2000               |          | 3         |             |           | 1/22      | 5      | 2000        | A-          |             |
| 0810            | 4                  | 0                  | _/       | 0         | 2           | 5/        | 207       | 100    | # SAT       | WD          |             |
|                 |                    |                    |          |           |             | SE        | J PI      | 12     | 4 101       | 451         |             |
| 10900           |                    |                    |          |           |             | 50        | TH        | 12-    | 3255        |             |             |
|                 | 500                |                    |          | 3         |             | 10        | ATS       | 9W     | W           |             | 77) - 7     |
|                 |                    | 200                |          |           |             | Di        | 13.10     | AZZ    | 3 786       | - Z 00      | 34. 500     |
| 1915            |                    | 200                | <        | 2         | 2_          | 11/12     | y 50      | 5k     | ammi.       | or /        | 2/0 Hoff-30 |
|                 |                    |                    |          |           |             | 121       | CFK       | 2 1    | We De       | NOAN        | 00          |
|                 |                    | 100                |          | 0         | 2           | 147.3     | 5× 5      | 05     | c con       | mor         | 1051085     |
| 0000            | -                  | 1000               |          |           |             | 57/       | 11/1      |        | 5/-         | #           | 2 per       |
| 1930            |                    | 7000               |          | 2         | 12_         |           | 7125      | T      | - 600       | 101         | 4755        |
| nois            |                    | 2000               |          |           |             | 17.7      | 1968      | 77     | 16 10       | - A         | 4/43        |
| 1940            | 11/00              |                    |          | 20        |             | BEL       | 21036     |        | 000         | 1011        | 1 Maylan    |
| 1000            | 1400               |                    | _        |           |             | 2         | VEIL      | TI     | - TR        | 10 FD       | A A         |
| 1015            | 400                |                    | 7        | 20        | 2           | 110A      | 11 71     | 100    | COL         | 15757       | 5           |
| 10.30           | -                  |                    |          | 20        | 1           | 11/2      | ASH C     | 74.    | IN MES      | EBR         | 59          |
| 050             | 100                |                    |          |           | -           | Di        | 1 1       | 202    | 5 15        | TRA         |             |
|                 |                    |                    |          |           |             | 1126      | U / L     |        |             | 1           | 3           |
| 1100            |                    |                    |          |           |             | 78/       | 1/5       | VA     | ETE -       | Ka          | VD/         |
|                 | NE Hiw             | av 61 • F          | O. B     | ox 8613   | Pratt, KS 6 | 7124-86   | 13 • (620 | 0) 672 | 2-1201 • Fa | ax (620)    | 672-5383    |

## Diamond **Testing**

#### **General information Report**

#### **General Information**

Company Name L.D. DRILLING, INC.

Contact L.D. DAVIS

**Well Name** JACK #2-6 Job Number

**Unique Well ID** DST #1 LKC 3,087' - 3,153' Representative ROGER D. FRIEDLY Surface Location SEC 6-18S-11W BARTON COUNTY, KS Well Operator L.D. DRILLING, INC. 2011/03/29

**Well License Number** Report Date

WILDCAT Prepared By **ROGER D. FRIEDLY** Field

**Well Type** Vertical

**CONVENTIONAL DRILL-STEM TEST Test Type** 

**Formation** DST #1 LKC 3,087' - 3,153'

**Well Fluid Type** 01 Oil **Start Test Time** 18:37:00

00:45:00 **Final Test Time** 

2011/03/28 **Start Test Date** 2011/03/29 **Final Test Date** 

**Gauge Name** 1150

**Gauge Serial Number** 

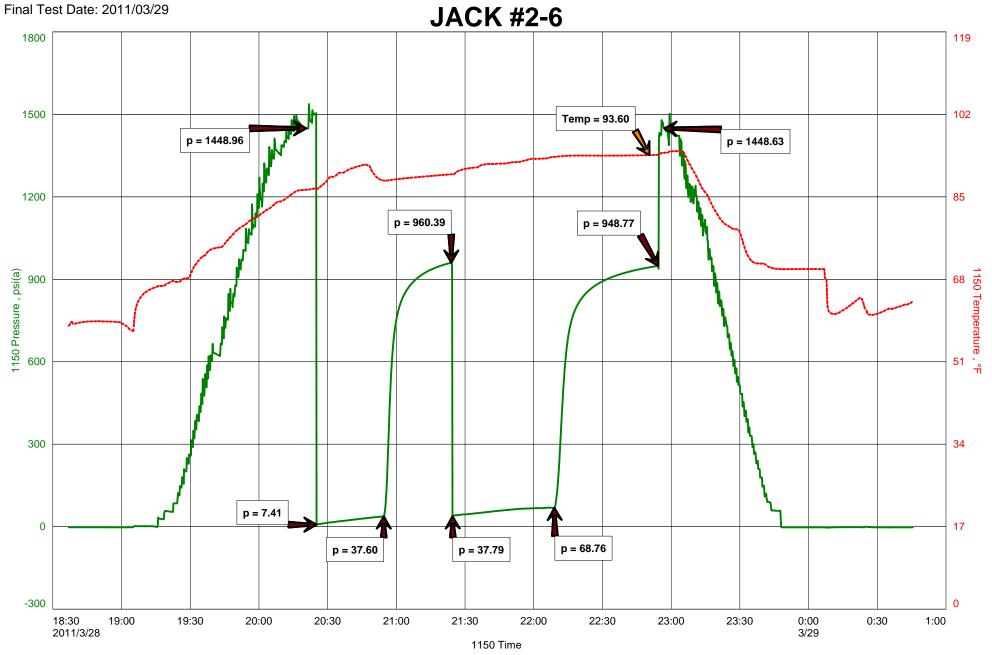
#### **Test Results**

RECOVERED: 10' DM 100% MUD - GOOD OIL SCUM 121' DM 100% MUD - FEW OIL SPECKS

131' TOTAL FLUID

TOOL SAMPLE: 5% GAS, 2% OIL, 93% MUD

ST #1 LKC 3,087' - 3,153' Formation: DST #1 LKC 3,087' - 3,155 cart Test Date: 2011/03/28



#### DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

#### DRILL-STEM TEST TICKET

| Company  | Lease & Well No                                   |
|--|---|
| Contractor                                     | Charge to   |
| ElevationFormation                             | Effective PayFt. Ticket No                        |
| Date Sec Twp S                                 | Range W County State KANSAS                       |
| Test Approved By                               | Diamond Representative ROGER D. FRIEDLY           |
| Formation Test No Interval Tested from         | ft. toft. Total Depthft.                          |
| Packer Depthft. Sizein.                        | Packer Depthft. Sizein.                           |
| Packer Depthft. Sizein.                        | Packer Depthft. Sizein.                           |
| Depth of Selective Zone Set                    |   |
| Top Recorder Depth (Inside)ft.                 | Recorder Number CapP.S.I.                         |
| Bottom Recorder Depth (Outside)ft.             | Recorder Number CapP.S.I.                         |
| Below Straddle Recorder Depthft.               | Recorder Number CapP.S.1.                         |
| Mud Type Viscosity                             | Drill Collar Lengthft. I.D2 1/4 in                |
| Weight Water Losscc.                           | Weight Pipe Lengthft. I.D27/8 in                  |
| Chlorides P.P.M.                               | Drill Pipe Lengthft. I.D3 1/2 in                  |
| Jars: MakeBOWENSerial Number                   | Test Tool Length ft. Tool Size 3 1/2-IF in        |
| Did Well Flow?Reversed Out                     | Anchor Lengthft. Size4 1/2-FH in                  |
| Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. | Surface Choke Size 1 in. Bottom Choke Size 5/8 in |
| Blow: 1st Open:                                |   |
| 2nd Open:                                      |   |
| Recovered ft. of                               |   |
| Recoveredft. of                                |   |
| Recoveredft. of                                |   |
| Recoveredft. of                                | Price Job   |
| Recoveredft. of                                | Other Charges                                     |
| Remarks:                                       | Insurance   |
|  | <i>*</i>  |
|  | Total   |
| Time Set Packer(s) A.M. P.M. Time Started O    | ff BottomP.M. Maximum Temperature                 |
| Initial Hydrostatic Pressure                   | (A)P.S.I.   |
| Initial Flow Period Minutes                    | (B)P.S.I. to (C)P.S.I.                            |
| Initial Closed In Period Minutes               | (D)P.S.I.   |
| Final Flow Period Minutes                      | (E)P.S.I. to (F)P.S.I.                            |
| Final Closed In Period Minutes                 | (G)P.S.I.   |
| Final Hydrostatic Pressure                     | (H)P.S.I.   |

# Diamond Testing

#### **General information Report**

#### **General Information**

Company Name L.D. DRILLLING, INC.

Contact L.D. DAVIE

Well Name JACK #2-6 Job Number

Unique Well ID DST #2 LKC 3,197' - 3,320' Representative ROGER D. FRIEDLY Surface Location SEC 6-18S-11W BARTON COUNTY, KS Well Operator L.D. DRILLING, INC.

Well License Number Report Date 2011/03/29
Field WILDCAT Prepared By ROGER D. FRIEDLY

Well Type Vertical

Test Type CONVENTIONAL DRILOL-STEM TEST

Formation DST #2 LKC 3,197' - 3,320'

Well Fluid Type 01 Oil Start Test Time 14:31:00

Final Test Time 20:53:00

Start Test Date 2011/03/29 Final Test Date 2011/03/29

Gauge Name 1150

**Gauge Serial Number** 

#### **Test Results**

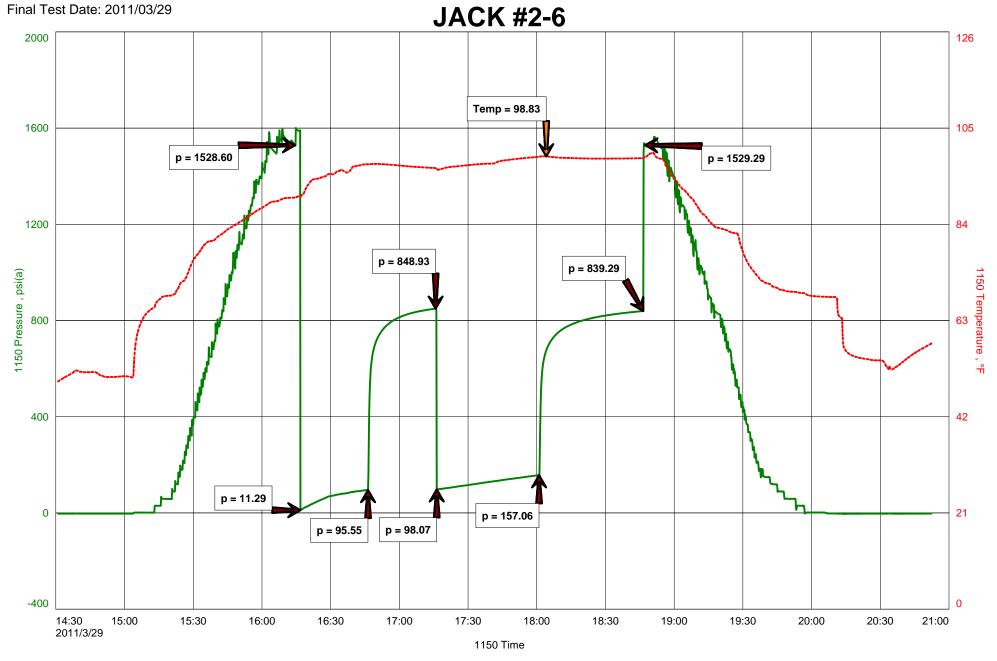
**RECOVERED: 144' WM 10% WTR, 90% MUD** 

124' WM 42% WTR, 58% MUD

121' SW 100% WTR CHLORIDES 24,000 Ppm

389' TOTAL FLUID

TOOL SAMPLE: 20% MUD, 80% WTR - GOOD SCUM OF OIL



#### DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

#### DRILL-STEM TEST TICKET

| Company  | Lease & Well No                                   |
|--|---|
| Contractor                                     | Charge to   |
| ElevationFormation                             | Effective PayFt. Ticket No                        |
| Date Sec Twp S                                 | Range W County State KANSAS                       |
| Test Approved By                               | Diamond Representative ROGER D. FRIEDLY           |
| Formation Test No Interval Tested from         | ft. toft. Total Depthft.                          |
| Packer Depthft. Sizein.                        | Packer Depthft. Sizein.                           |
| Packer Depthft. Sizein.                        | Packer Depthft. Sizein.                           |
| Depth of Selective Zone Set                    |   |
| Top Recorder Depth (Inside)ft.                 | Recorder Number CapP.S.I.                         |
| Bottom Recorder Depth (Outside)ft.             | Recorder Number CapP.S.I.                         |
| Below Straddle Recorder Depthft.               | Recorder Number CapP.S.1.                         |
| Mud Type Viscosity                             | Drill Collar Lengthft. I.D2 1/4 in                |
| Weight Water Losscc.                           | Weight Pipe Lengthft. I.D27/8 in                  |
| Chlorides P.P.M.                               | Drill Pipe Lengthft. I.D3 1/2 in                  |
| Jars: MakeBOWENSerial Number                   | Test Tool Length ft. Tool Size 3 1/2-IF in        |
| Did Well Flow?Reversed Out                     | Anchor Lengthft. Size4 1/2-FH in                  |
| Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. | Surface Choke Size 1 in. Bottom Choke Size 5/8 in |
| Blow: 1st Open:                                |   |
| 2nd Open:                                      |   |
| Recovered ft. of                               |   |
| Recoveredft. of                                |   |
| Recoveredft. of                                |   |
| Recoveredft. of                                | Price Job   |
| Recoveredft. of                                | Other Charges                                     |
| Remarks:                                       | Insurance   |
|  | <i>*</i>  |
|  | Total   |
| Time Set Packer(s) A.M. P.M. Time Started O    | ff BottomP.M. Maximum Temperature                 |
| Initial Hydrostatic Pressure                   | (A)P.S.I.   |
| Initial Flow Period Minutes                    | (B)P.S.I. to (C)P.S.I.                            |
| Initial Closed In Period Minutes               | (D)P.S.I.   |
| Final Flow Period Minutes                      | (E)P.S.I. to (F)P.S.I.                            |
| Final Closed In Period Minutes                 | (G)P.S.I.   |
| Final Hydrostatic Pressure                     | (H)P.S.I.   |

# Diamond Testing

#### **General information Report**

#### **General Information**

Company Name L.D. DRILLING, INC.

Contact L.D. DAVIS

Well Name JACK #2-6 Job Number

Unique Well ID DST #3 ARBUCKLE 3,315' - 3,366' Representative ROGER D. FRIEDLY Surface Location SEC 6-18S-11W BARTON COUNTY, KS Well Operator L.D. DRILLING, INC.

Well License Number Report Date 2011/03/30

Field WILDCAT Prepared By ROGER D. FRIEDLU Well Type Vertical

Test Type DONVENTIONAL DRILL-STEM TEST

Formation DST #3 ARBUCKLE 3,315' - 3,366'
Well Fluid Type 01 Oil Start Test Time 04:35:00

Final Test Time 11:22:00

Start Test Date 2011/03/30 Final Test Date 2011/03/30

Gauge Name 1150

Gauge Serial Number

#### **Test Results**

**RECOVERED: 90' GAS IN PIPE** 

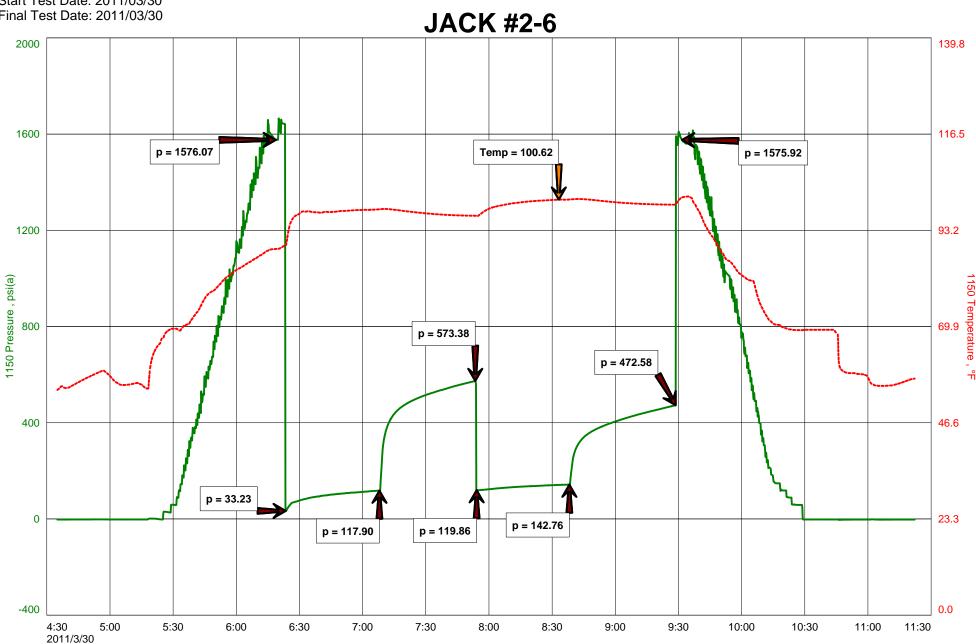
138' CO 40 GRAVITY @ 60 deg.

276' HG&COM 10% GAS, 38% OIL, 52% MUD

414' TOTAL FLUID

**TOOL SAMPLE: 2% GAS, 65% OIL, 33% MUD** 

Start Test Date: 2011/03/30 Final Test Date: 2011/03/30



1150 Time

#### DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

#### DRILL-STEM TEST TICKET

| Company  | Lease & Well No                                   |
|--|---|
| Contractor                                     | Charge to   |
| ElevationFormation                             | Effective PayFt. Ticket No                        |
| Date Sec Twp S                                 | Range W County State KANSAS                       |
| Test Approved By                               | Diamond Representative ROGER D. FRIEDLY           |
| Formation Test No Interval Tested from         | ft. toft. Total Depthft.                          |
| Packer Depthft. Sizein.                        | Packer Depthft. Sizein.                           |
| Packer Depthft. Sizein.                        | Packer Depthft. Sizein.                           |
| Depth of Selective Zone Set                    |   |
| Top Recorder Depth (Inside)ft.                 | Recorder Number CapP.S.I.                         |
| Bottom Recorder Depth (Outside)ft.             | Recorder Number CapP.S.I.                         |
| Below Straddle Recorder Depthft.               | Recorder Number CapP.S.1.                         |
| Mud Type Viscosity                             | Drill Collar Lengthft. I.D2 1/4 in                |
| Weight Water Losscc.                           | Weight Pipe Lengthft. I.D27/8 in                  |
| Chlorides P.P.M.                               | Drill Pipe Lengthft. I.D3 1/2 in                  |
| Jars: MakeBOWENSerial Number                   | Test Tool Length ft. Tool Size 3 1/2-IF in        |
| Did Well Flow?Reversed Out                     | Anchor Lengthft. Size4 1/2-FH in                  |
| Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. | Surface Choke Size 1 in. Bottom Choke Size 5/8 in |
| Blow: 1st Open:                                |   |
| 2nd Open:                                      |   |
| Recovered ft. of                               |   |
| Recoveredft. of                                |   |
| Recoveredft. of                                |   |
| Recoveredft. of                                | Price Job   |
| Recoveredft. of                                | Other Charges                                     |
| Remarks:                                       | Insurance   |
|  | <i>*</i>  |
|  | Total   |
| Time Set Packer(s) A.M. P.M. Time Started O    | ff BottomP.M. Maximum Temperature                 |
| Initial Hydrostatic Pressure                   | (A)P.S.I.   |
| Initial Flow Period Minutes                    | (B)P.S.I. to (C)P.S.I.                            |
| Initial Closed In Period Minutes               | (D)P.S.I.   |
| Final Flow Period Minutes                      | (E)P.S.I. to (F)P.S.I.                            |
| Final Closed In Period Minutes                 | (G)P.S.I.   |
| Final Hydrostatic Pressure                     | (H)P.S.I.   |

# Diamond Testing

#### **General information Report**

#### **General Information**

Company Name L.D. DRILLING, INC.

Contact L.D. DAVIS

Well Name JACK #2-6 Job Number

Unique Well ID DST #4 ARBUCKLE 3,364' - 3,378' Representative ROGER D. FRIEDLY Surface Location SEC 6-18S-11W BARTON COUNTY, KS Well Operator L.D. DRILLING, INC.

Well License Number Report Date 2011/03/30

Field WILDCAT Prepared By ROGER D. FRIEDLY Well Type Vertical

Test Type CONVENTIONAL DRILL-STEM TEST

Formation DST #4 ARBUCKLE 3,364' - 3,378'

Well Fluid Type 01 Oil Start Test Time 16:16:00

Final Test Time 22:49:00

Start Test Date 2011/03/30 Final Test Date 2011/03/30

Gauge Name 1150

**Gauge Serial Number** 

#### **Test Results**

**RECOVERED: 40' GAS IN PIPE** 

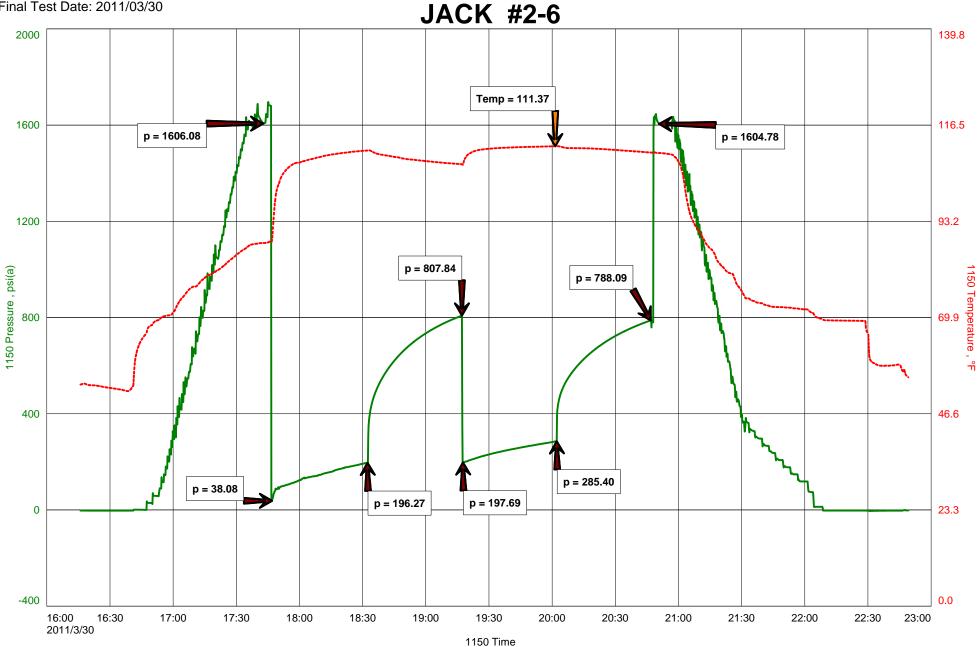
183' CLEAN OIL 40 GRAVITY @ 60 deg. 124' GCMO 10% GAS, 45% OIL, 45% MUD 124' OCMW 10% OIL, 70% WTR, 20% MUD

245' SW 100% WTR CHLORIDES 15,000 Ppm.

682' TOTAL FLUID

**TOOL SAMPLE: 15% OIL, 70% WTR, 15% MUD** 

Start Test Date: 2011/03/30 Final Test Date: 2011/03/30



#### DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

#### DRILL-STEM TEST TICKET

| Company  | Lease & Well No                                   |
|--|---|
| Contractor                                     | Charge to   |
| ElevationFormation                             | Effective PayFt. Ticket No                        |
| Date Sec Twp S                                 | Range W County State KANSAS                       |
| Test Approved By                               | Diamond Representative ROGER D. FRIEDLY           |
| Formation Test No Interval Tested from         | ft. toft. Total Depthft.                          |
| Packer Depthft. Sizein.                        | Packer Depthft. Sizein.                           |
| Packer Depthft. Sizein.                        | Packer Depthft. Sizein.                           |
| Depth of Selective Zone Set                    |   |
| Top Recorder Depth (Inside)ft.                 | Recorder Number CapP.S.I.                         |
| Bottom Recorder Depth (Outside)ft.             | Recorder Number CapP.S.I.                         |
| Below Straddle Recorder Depthft.               | Recorder Number CapP.S.1.                         |
| Mud Type Viscosity                             | Drill Collar Lengthft. I.D2 1/4 in                |
| Weight Water Losscc.                           | Weight Pipe Lengthft. I.D27/8 in                  |
| Chlorides P.P.M.                               | Drill Pipe Lengthft. I.D3 1/2 in                  |
| Jars: MakeBOWENSerial Number                   | Test Tool Length ft. Tool Size 3 1/2-IF in        |
| Did Well Flow?Reversed Out                     | Anchor Lengthft. Size4 1/2-FH in                  |
| Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. | Surface Choke Size 1 in. Bottom Choke Size 5/8 in |
| Blow: 1st Open:                                |   |
| 2nd Open:                                      |   |
| Recovered ft. of                               |   |
| Recoveredft. of                                |   |
| Recoveredft. of                                |   |
| Recoveredft. of                                | Price Job   |
| Recoveredft. of                                | Other Charges                                     |
| Remarks:                                       | Insurance   |
|  | <i>*</i>  |
|  | Total   |
| Time Set Packer(s) A.M. P.M. Time Started O    | ff BottomP.M. Maximum Temperature                 |
| Initial Hydrostatic Pressure                   | (A)P.S.I.   |
| Initial Flow Period Minutes                    | (B)P.S.I. to (C)P.S.I.                            |
| Initial Closed In Period Minutes               | (D)P.S.I.   |
| Final Flow Period Minutes                      | (E)P.S.I. to (F)P.S.I.                            |
| Final Closed In Period Minutes                 | (G)P.S.I.   |
| Final Hydrostatic Pressure                     | (H)P.S.I.   |



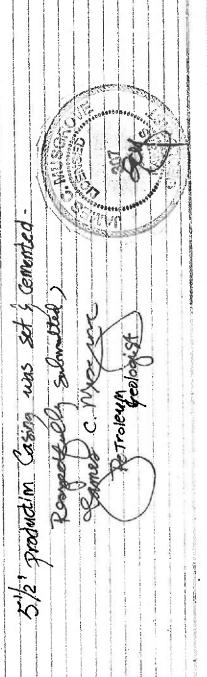
James C. Meusgrove Peroleum Beusgist 212 Mein St. + P.O. Sex 213 + Claffin, KS 67525 Office

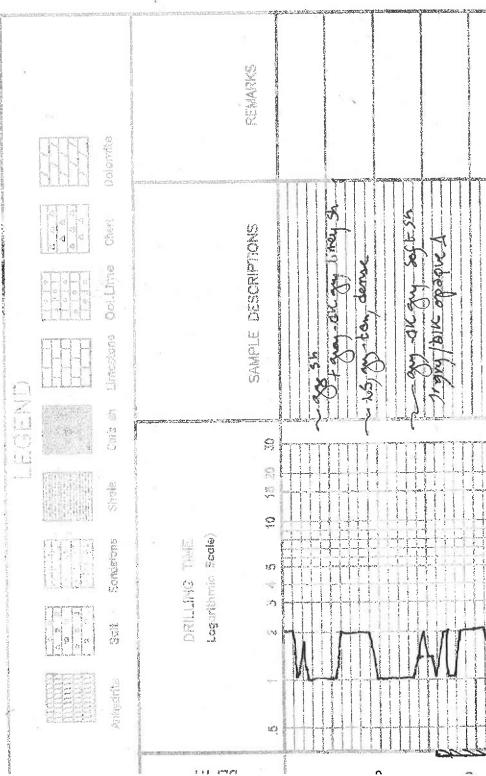
Home (620) 587-3444

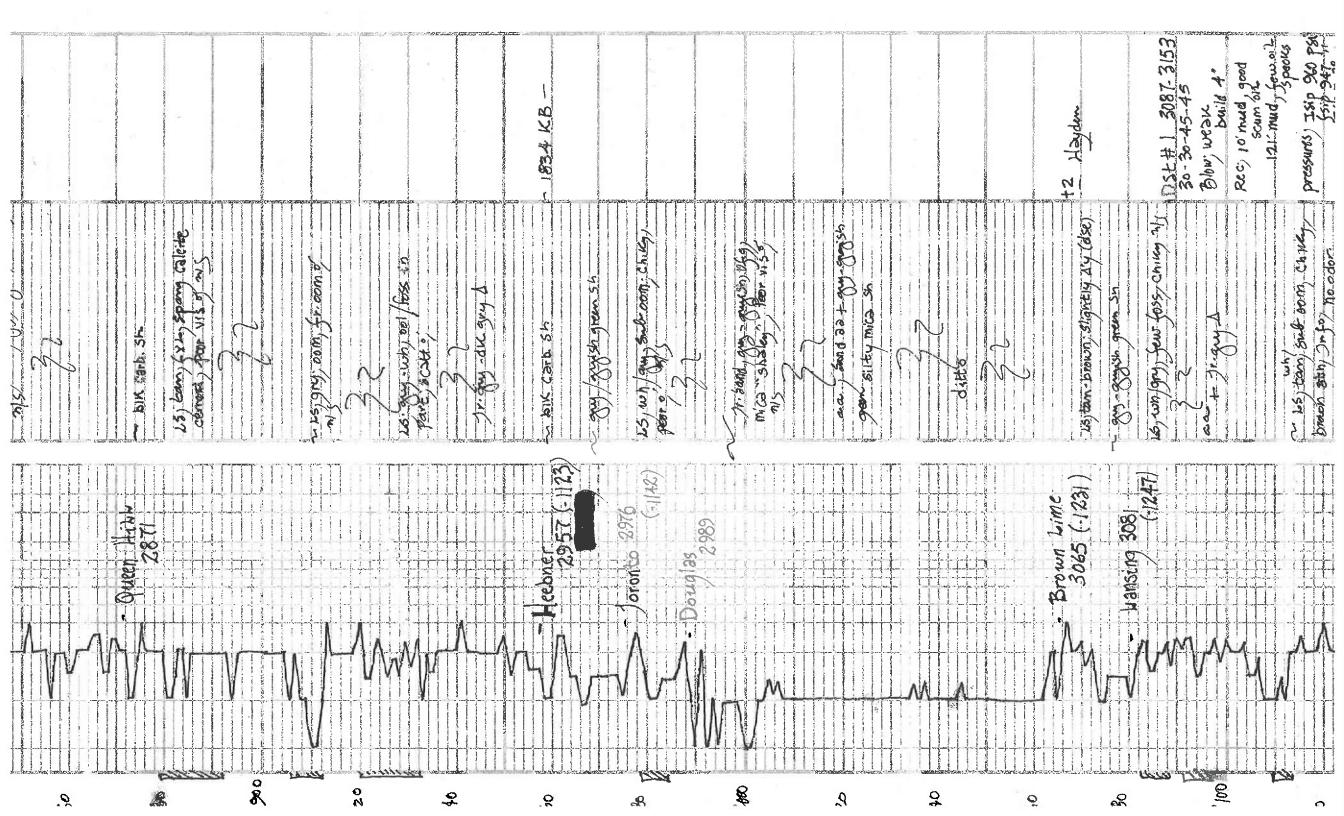
(620) 508-4250

GEOLOGIST'S REPORT

|                         | DRILLING TIME  | AND SAMP   | LE LOG  |
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| COMPANY LO Dril         | ing Inc.   | and the second s | ELEVATIONS  |
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| COUNTY Barton           |  |  | Free KB   |
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| FORMATION TOPS          | 100  | SAMP   | ES  |
| anhydrite               | 685 +1149<br>707 +1127   | A area<br>Base   | 3299-1465   |
| Base on hydrite Heebner | 707 + 127  | City   |   |
| Toronto                 | 2971 -1137   |  |   |
| Douglas Brown Lime      | 2986 ~ 1152<br>3063 ~ 1229   |  |   |







| vidas gardensena puri  |  | 2 K 4   | 3197-3320                 | Strong<br>mud<br>or mud<br>or mud  | 4888 88  | e general de la fantación para de la maio contra agreca de anticario e anticario | 5.336<br>45<br>8-11:12)           | 7 52.20 THE TOTAL THE TOTA     | <b>3</b> /4                             | 33.78<br>27.89<br>27.60  |
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|  |  |   | · \$                      | 2  | 2  | ο Θ  | 8                                 | 2 .9   | , <u>0</u>                              | •  |

