



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1179539  
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: \_\_\_\_\_

1179539

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | H & D Exploration LLC  |
| Well Name | Snider 1               |
| Doc ID    | 1179539                |

Tops

| Name              | Top  | Datum |
|-------------------|------|-------|
| Anhydrite         | 681  |       |
| Basel Anhydrite   | 708  |       |
| Heebner           | 2935 |       |
| Toronto           | 2951 |       |
| Douglas           | 2966 |       |
| Brown Lime        | 3021 |       |
| Lansing           | 3032 |       |
| Conglomerate      | 3282 |       |
| Conglomerate Sand | 3298 |       |
| RTD               | 3303 |       |
| LTD               | 3303 |       |





Office (620) 585-4250 Home (620) 587-3444  
 212 Main St. • P.O. Box 215 • Clarin, KS 67525

# GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY H/D Exploration LLC

LEASE Snider #1

FIELD Beaver

LOCATION Se-SW-NE-NE

SEC 9 TWPSP 16S RGE 12W

COUNTY Barton STATE Kansas

CONTRACTOR Southern Wind Drilling (rig #2)

SPUD 10/18/2013 COMP 10/25/13

RTD 3303 LTD 3303

MUD UP 2551 TYPE MUD Chemical displaced

SAMPLES SAVED FROM 2700

DRILLING TIME KEPT FROM 2700

SAMPLES EXAMINED FROM 2700

GEOLOGICAL SUPERVISION FROM 2800

GEOLOGIST ON WELL Jim Musgrove

FORMATION TOPS LOG SAMPLES

anhydrite 681  
base anhydrite 708  
Hebner 2935  
Toronto 2951  
Douglas 2966  
Broken lime 3021  
Mansing 3032

## ELEVATIONS

KB 1870

DF 1861

Measurements Are All From - KB -

CAS/NO 85/811e 775

PRODUCT NO. 5/211e 3299

ELECTRICAL SURVEYS  
 Bay Pines

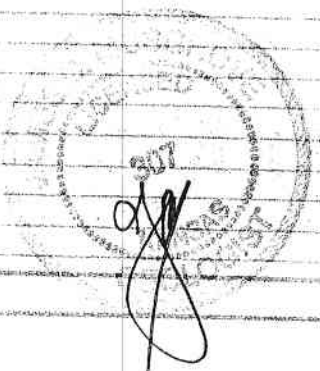
Dual Inductum, Dual

Compensated Forestry

RTD =

5 1/2" production casing was set & cemented on the Snider #1.

Respectfully submitted,  
 James C. Musgrove  
 Petroleum Geologist



## LEGEND

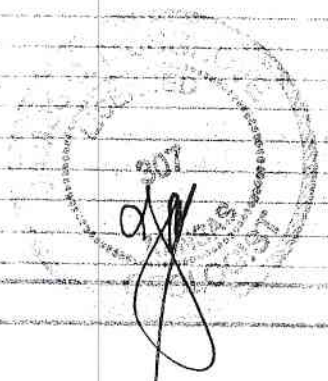
|           |      |           |       |         |           |           |       |          |
|-----------|------|-----------|-------|---------|-----------|-----------|-------|----------|
|           |      |           |       |         |           |           |       |          |
| Anhydrite | Salt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

DRILLING TIME



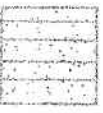





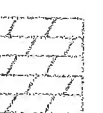
5 1/2" production casing was  
 Set & cemented on the Snider #1.

Respectfully submitted)

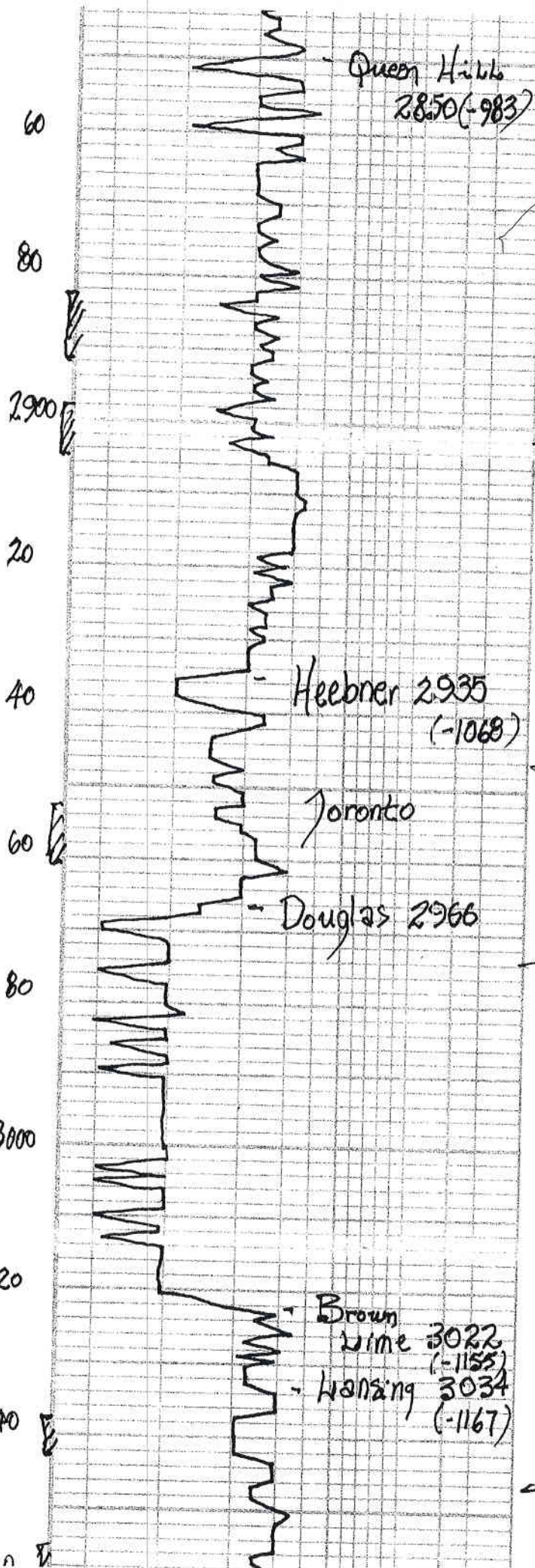
James C. Maxson  
 Petroleum Geologist.



LEGEND

-   
Anhydrite
-   
Salt
-   
Sandstone
-   
Shale
-   
Carb sh
-   
Limestone
-   
Coll. Lims
-   
Chert
-   
Dolomite

| DEPTH | DRILLING TIME<br>(Logarithmic Scale)                | SAMPLE DESCRIPTIONS                            | REMARKS |
|-------|---|--|---------|
|       | .5    1    2    3    4    5    10    15    20    30 |  |         |
| 20    | [Hand-drawn drilling time curve]                    | LS; wh/gry; fine gran,<br>cherty; poorly dev.; |         |
| 40    | [Hand-drawn drilling time curve]                    |  |         |
| 60    | [Hand-drawn drilling time curve]                    |  |         |
| 80    | [Hand-drawn drilling time curve]                    |  |         |
| 200   | [Hand-drawn drilling time curve]                    |  |         |



Queen Hills  
2850 (-983)

~ blk carb sh.

- 1867KB -

ls, gry-wh-fx, l;  
few gran, cherty

~ 2

ls, wh/gry, fx, ls, gran, few  
foss, Jr. brown stn, nsfo,  
no odor.

~ and, poorly dev, n/s

~ 2

ls, gry, brown, fx, l, cherty  
Jr. gry A

Heebner 2935  
(-1068)

~ blk carb. sh.

~ gry/green soft sh

Toronto

ls, brown, fx, l, cherty,  
Jr. brown spotty stn, nsfo,  
no odor.

Douglas 2966

~ mar/gry-green-brick  
red sh/silty sh.

~ 2

Jr. sand, gry, wh, vfg, sub-rounded,  
fritate, mica, shaly in part  
n/s

~ 2

Brown  
Lime 3022  
(-1155)

ls, tan, gry, fx, l, dense

- 1867KB -

Lansing 3034  
(-1167)

ls, gry, finely ool/oomy, Jr.  
brown stn, Jr. fo, ft. odor.

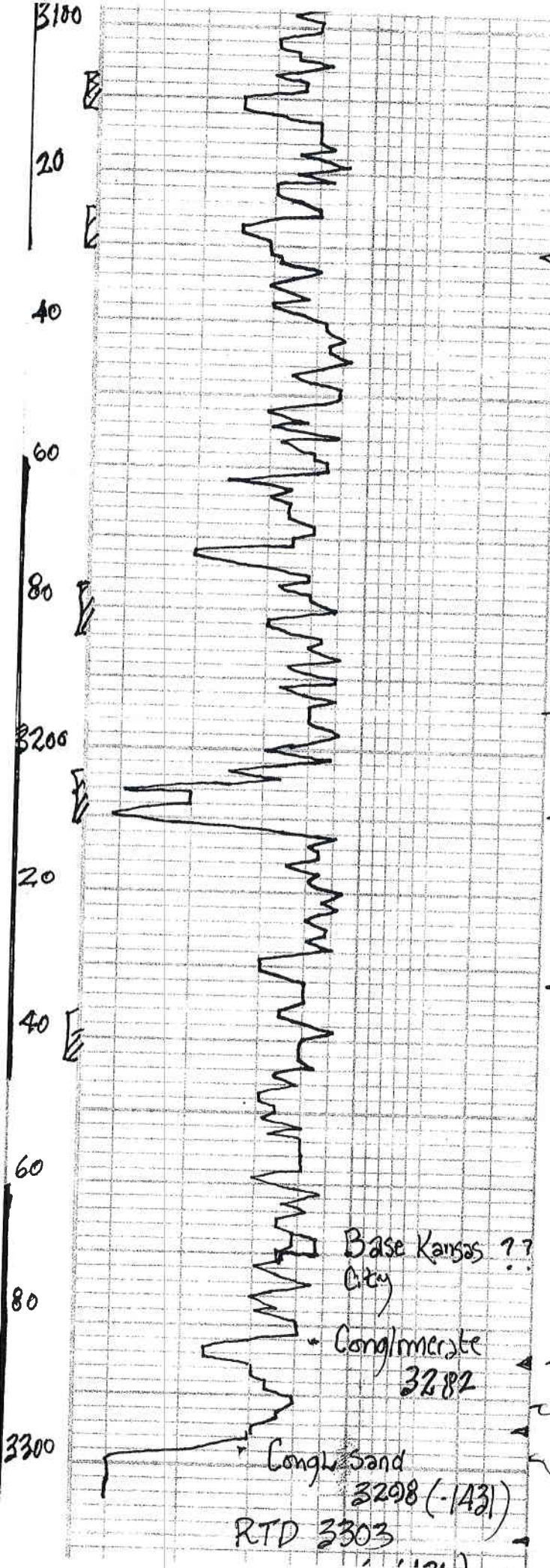
DSC #1 3026  
-3064

~ ls, ax, scatt stn, sfo,  
odor.

30-30-45-60

Blow; strong  
(Bob 10 mins)

~ 2



LS, wh, fxl, finely ool  
 Sparry calcite cement, golden brown  
 sfo, ??? odor

pressures; Isip 630 psi  
 Ss: p 616 "  
 Ifp 43-122 "  
 SsP 124-228 "  
 HSH  
 1472-1463'

LS, wh/gray, fxl, ool, com  
 Slightly dry, Jr. str  
 nsfo; no odor

Dst #2 3096-3131  
 30-30-45-60  
 Blow; strong  
 (Bob 10 mins)

LS, tan, brown, fxl,  
 Slightly dry (dense)

2nd opening; strong  
 (Bob 9 mins)  
 Rec; 250' gas in pipe  
 120' slightly oil  
 gas cut watery  
 mud  
 (590 oil; 2590 gas)  
 10% water; 60% mud

blk carb sh.

LS, wh, gray, com, slightly  
 chky; dry, fr. com  
 Jr. brown str, Jr. sfo  
 ft. odor

pressures; Isip 602 psi  
 fs: p 601 "

LS, wh/tan, ool; poor o;  
 Jr. str, nsfo;

Ifp 22-63 "  
 SsP 71-129 "  
 HSH  
 1512-1493'

LS, wh, ool, com, fr o;  
 brown str, sfo, odor

Dst #3 3160-3246  
 30-30-30-45  
 Blow; strong (Bob  
 2 mins)

slug/v.c sh

2nd opening; strong, G.T.S.  
 20 mins, TSTM

LS, gray, tan, fxl, chky  
 poor

Rec; 680' clean  
 Gassy oil

aa, inc; dry (dense)

pressures; Isip 675 psi  
 fs: p 646 "  
 Ifp 45-133 "  
 SsP 141-222 "  
 HSH  
 1548-1536'

LS, wh/gray - chky

Base Kansas ??  
 City

Conglomerate  
 3282

max / buck red soft  
 blocky sh.

(1428)

aa  
 LS, wh/fxl sandy in  
 part ms

Dst #4 3261-3303  
 30-30-30-30  
 Blow; strong

A wh/tan, drusy/opaque  
 sand, wh/red; sub rounded,  
 silty; friable, fr 10%;  
 Golden str, Jr. sfo, etc odor ???

Rec; 120' GIP  
 850' Gassy oil  
 pressures; Isip 670 psi

Congl. Sand  
 3298 (-1431)  
 RTD 3303



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7554

|   |          |      |   |                     |    |       |    |  |        |       |    |  |  |        |         |
|---|----------|------|---|---------------------|----|-------|----|--|--------|-------|----|--|--|--------|---------|
| Date                                      | 10-25-13 | Sec. | 9 | Twp.                | 16 | Range | 12 | County   | Barton | State | Ks | On Location  |  | Finish | 7:00 PM |
| Lease                                     |          |      |   |                     |    |       |    | Location   |        |       |    |  |  |        |         |
| Snider                                    |          |      |   |                     |    |       |    | Peaver, Ks - 1E, 2 1/2 N, W into   |        |       |    |  |  |        |         |
| Contractor                                |          |      |   | Well No.            |    |       |    | Owner  |        |       |    | To Quality Oilwell Cementing, Inc.   |  |        |         |
| Southwind #2                              |          |      |   | #1                  |    |       |    | You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |        |       |    |  |  |        |         |
| Type Job                                  |          |      |   | T.D.                |    |       |    | Charge To  |        |       |    | The above was done to satisfaction and supervision of owner agent or contractor. |  |        |         |
| Production                                |          |      |   | 3303'               |    |       |    | H/D Exploration  |        |       |    |  |  |        |         |
| Hole Size                                 |          |      |   | Depth               |    |       |    | Street   |        |       |    |  |  |        |         |
| 7 7/8"                                    |          |      |   | 3298'               |    |       |    |  |        |       |    |  |  |        |         |
| Csg. New                                  |          |      |   | Tbg. Size           |    |       |    | City   |        |       |    | State  |  |        |         |
| 5 1/2" 15.56#                             |          |      |   |                     |    |       |    |  |        |       |    |  |  |        |         |
| Toof                                      |          |      |   | Cement Left in Csg. |    |       |    | Cement Amount Ordered  |        |       |    | 180 sx Common 10% Salt 5 1/2 G/salt  |  |        |         |
|   |          |      |   | 21.80'              |    |       |    | 21.80'   |        |       |    |  |  |        |         |
| Meas Line                                 |          |      |   | Displace            |    |       |    | 500 gal mud Clear  |        |       |    | 48 - 20 BLS KCL  |  |        |         |
|   |          |      |   | 78 BLS              |    |       |    |  |        |       |    |  |  |        |         |
| <b>EQUIPMENT</b>                          |          |      |   |                     |    |       |    |  |        |       |    |  |  |        |         |
| Pumptrk                                   |          |      |   | Cementer            |    |       |    | Common   |        |       |    |  |  |        |         |
| 16  |          |      |   | Billy               |    |       |    | Poz. Mix   |        |       |    |  |  |        |         |
| Bulkirk                                   |          |      |   | Driver              |    |       |    | Gel.   |        |       |    |  |  |        |         |
| 14  |          |      |   | David               |    |       |    |  |        |       |    |  |  |        |         |
| Bulkirk                                   |          |      |   | Driver              |    |       |    | Calcium  |        |       |    | KCL 2 gal  |  |        |         |
| pic                                       |          |      |   | Rick                |    |       |    | Hulls  |        |       |    |  |  |        |         |
| <b>JOB SERVICES &amp; REMARKS</b>         |          |      |   |                     |    |       |    |  |        |       |    |  |  |        |         |
| Remarks: pipe on bottom break Circulation |          |      |   |                     |    |       |    | Salt 17  |        |       |    |  |  |        |         |
| for 10 min. Shut down.                    |          |      |   |                     |    |       |    | Flowseal   |        |       |    |  |  |        |         |
| Mouse Hole Drop ball set triplex shoe     |          |      |   |                     |    |       |    | Kol-Seal 900#  |        |       |    |  |  |        |         |
| Centralizers Break Circulation again.     |          |      |   |                     |    |       |    | Mud CLR 48 500 gal   |        |       |    |  |  |        |         |
| Baskets pump 500 gal mud Clear 48         |          |      |   |                     |    |       |    | CFL-117 or CD110 CAF 38  |        |       |    |  |  |        |         |
| D/V or Port Collar pump 10 BLS of water.  |          |      |   |                     |    |       |    | Sand   |        |       |    |  |  |        |         |
| plug Rathod w/ 30 sx plug mix set hole    |          |      |   |                     |    |       |    | Handling 206   |        |       |    |  |  |        |         |
| w/ 155 shut down. Hook to 5 1/2"          |          |      |   |                     |    |       |    | Mileage  |        |       |    |  |  |        |         |
| Casing + mix 150 sx Cement, Shut          |          |      |   |                     |    |       |    | <b>FLOAT EQUIPMENT</b>   |        |       |    |  |  |        |         |
| down. wash pump + lines Released          |          |      |   |                     |    |       |    | Guide Shoe   |        |       |    |  |  |        |         |
| plug + Displaced with 78 BLS              |          |      |   |                     |    |       |    | Centralizer 8 turbo's  |        |       |    |  |  |        |         |
| of water. Released + held.                |          |      |   |                     |    |       |    | Baskets 1  |        |       |    |  |  |        |         |
| Lift pressure 800 #                       |          |      |   |                     |    |       |    | AFU inserts  |        |       |    |  |  |        |         |
| Land plug to 1600 #                       |          |      |   |                     |    |       |    | Float Shoe   |        |       |    |  |  |        |         |
| 150 sx Down 5 1/2" Casing                 |          |      |   |                     |    |       |    | Latch Down 1   |        |       |    |  |  |        |         |
|   |          |      |   |                     |    |       |    | Triplex shoe   |        |       |    |  |  |        |         |
|   |          |      |   |                     |    |       |    | Pumptrk Charge   |        |       |    |  |  |        |         |
|   |          |      |   |                     |    |       |    | 32 prod Long String  |        |       |    |  |  |        |         |
|   |          |      |   |                     |    |       |    | Mileage  |        |       |    |  |  |        |         |
|   |          |      |   |                     |    |       |    | Tax  |        |       |    |  |  |        |         |
|   |          |      |   |                     |    |       |    | Discount   |        |       |    |  |  |        |         |
|   |          |      |   |                     |    |       |    | Total Charge   |        |       |    |  |  |        |         |
| Signature                                 |          |      |   |                     |    |       |    |  |        |       |    |  |  |        |         |
| William Swelan                            |          |      |   |                     |    |       |    |  |        |       |    |  |  |        |         |

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7892

| Date     | Sec. | Twp. | Range | County | State | On Location | Finish  |
|----------|------|------|-------|--------|-------|-------------|---------|
| 10-19-13 | 9    | 16   | 12    | Barton | KS    | 9:30AM      | 10:30AM |

Location Beresh 1E 2 1/2 N Winto

Lease ~~Smith~~ Snider Well No. 1 Owner \_\_\_\_\_

Contractor Southwind 2 To Quality Oilwell Cementing, Inc.  
You are hereby requested to rent cementing equipment and furnish  
cementer and helper to assist owner or contractor to do work as listed.

Type Job Surface Hole Size 12 1/4 T.D. 776 Chr To \_\_\_\_\_

Csg. 8 3/8 Depth \_\_\_\_\_ Strer' \_\_\_\_\_

Tbg. Size \_\_\_\_\_ Depth \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Tool \_\_\_\_\_ Depth \_\_\_\_\_ The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 42.47 Shoe Joint 42.47 Cement Amount Ordered 300 3/8 CC 200

Meas Line \_\_\_\_\_ Displace 46,5 BBL oil

**EQUIPMENT**

|                             |                           |                   |
|-----------------------------|---------------------------|-------------------|
| Pumptrk <u>17</u> No. _____ | Cementer/Helper <u>mt</u> | Common <u>300</u> |
| Bulktrk <u>18</u> No. _____ | Driver <u>Coody</u>       | Poz. Mix _____    |
| Bulktrk <u>94</u> No. _____ | Driver <u>Clayton</u>     | Gel. <u>6</u>     |
|                             |                           | Calcium <u>11</u> |

**JOB SERVICES & REMARKS**

|                    |                         |
|--------------------|-------------------------|
| Remarks:           | Hulls                   |
| Rat Hole           | Salt                    |
| Mouse Hole         | Flowseal                |
| Centralizers       | Kol-Seal                |
| Baskets            | Mud CLR 48              |
| D/V or Port Collar | CFL-117 or CD110 CAF 38 |
|                    | Sand                    |
|                    | Handling <u>317</u>     |
|                    | Mileage _____           |

**FLOAT EQUIPMENT**

|  |                                    |
|--|------------------------------------|
|  | Guide Shoe                         |
|  | Centralizer                        |
|  | Baskets                            |
|  | AFU Inserts                        |
|  | Float Shoe                         |
|  | Latch Down                         |
|  | Duffle Plate                       |
|  | Rubber Plug                        |
|  | Pumptrk Charge <u>Long Surface</u> |
|  | Mileage <u>31</u>                  |

Cement did Circulate

Thank You

X Signature William Anderson

|              |  |
|--------------|--|
| Tax          |  |
| Discount     |  |
| Total Charge |  |