



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1226373  
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: \_\_\_\_\_



1226373

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | Raney Oil Company, LLC |
| Well Name | Sutor C 2              |
| Doc ID    | 1226373                |

Tops

| Name | Top  | Datum |
|------|------|-------|
| ANH  | 1596 | +571  |
| BANH | 1632 | +535  |
| TOP  | 3178 | -1011 |
| HEEB | 3385 | -1240 |
| LKC  | 3425 | -1258 |
| BKC  | 3635 | -1468 |
| ARB  | 3723 | -1556 |
| RTD  | 3727 | -1560 |



# GLOBAL CEMENTING, L.L.C.

1313

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

|                                  |                 |          |       |            |                     |                         |                          |
|----------------------------------|-----------------|----------|-------|------------|---------------------|-------------------------|--------------------------|
| DATE <u>5-2-14</u>               | SEC.            | TWP.     | RANGE | CALLED OUT | ON LOCATION         | JOB START <u>6:00pm</u> | JOB FINISH <u>3:45pm</u> |
| LEASE <u>Sutor C</u>             | WELL # <u>2</u> | LOCATION |       |            | COUNTY <u>Rooks</u> | STATE <u>KS</u>         |                          |
| OLD OR <u>(NEW)</u> (CIRCLE ONE) |                 |          |       |            |                     |                         |                          |

CONTRACTOR She. lcl's

TYPE OF JOB Long String

HOLE SIZE 7 7/8 T.D. \_\_\_\_\_

CASING SIZE 5 1/2 DEPTH 3726.69

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

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

TOOL DJ Tool DEPTH 1629

PRES. MAX 1500 ps MINIMUM 400 ps

MEAS. LINE \_\_\_\_\_ SPORE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 22.78

PERFS \_\_\_\_\_

DISPLACEMENT 90 bbl 38.5 bbl

EQUIPMENT

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 1350 sq com 10% salt 2 bagel

290 plaster

400 sq 60/40 6 bagel

PUMP TRUCK # P1 CEMENTER Heath

HELPER Heath - Jarrod

BULK TRUCK # B1 DRIVER Eric

BULK TRUCK # B3 DRIVER Brad

|          |   |       |
|----------|---|-------|
| COMMON   | @ | _____ |
| POZMLX   | @ | _____ |
| GEL      | @ | _____ |
| CHLORIDE | @ | _____ |
| ASC      | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| HANDLING | @ | _____ |
| MILEAGE  | @ | _____ |
| TOTAL    |   | _____ |

REMARKS:  
Ran 90 bbls of new 5 1/2 15.5 casing and  
loading it - est circulation and mixed 125%  
washed pump and lines clean and disp 90 bbl  
of H2O - lifting pressure @ 700 ps - plug landed  
@ 1500 ps - released and float held - open  
DJ Tool and circulated - mixed 400%  
60/40 - washed pump and lines clean and  
disp 38 1/2 bbl H2O - cement did circulate  
plug landed @ 1500 ps - Released and held

CHARGE TO: Raney Oil

STREET \_\_\_\_\_

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

SERVICE

|                   |         |
|-------------------|---------|
| DEPTH OF JOB      | _____   |
| PUMP TRUCK CHARGE | _____   |
| EXTRA FOOTAGE     | @ _____ |
| MILEAGE           | @ _____ |
| MANIFOLD          | @ _____ |
| _____             | @ _____ |
| _____             | @ _____ |
| TOTAL             | _____   |

Global Cementing, L.L.C.,  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

|                              |         |
|------------------------------|---------|
| <u>1 - LD &amp; Plug</u>     | _____   |
| <u>1 - DJ Tool</u>           | @ _____ |
| <u>10 - 5 1/2 Cent</u>       | @ _____ |
| <u>2 - 5 1/2 baskets</u>     | @ _____ |
| <u>1 - 5 1/2 Parker Shoe</u> | @ _____ |
| _____                        | @ _____ |
| TOTAL                        | _____   |

PRINTED NAME George Begler

SIGNATURE George Begler

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

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Raney Oil Company, LLC

**13-10s-20w Rooks,KS**

4665 Bauer Brook Ct.  
Lawrence, KS 66049

**Sutor C #2**

Job Ticket: 58884

**DST#: 1**

ATTN: Duane Stecklein

Test Start: 2014.05.01 @ 20:19:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:21:30

Time Test Ended: 03:43:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 70

**Interval: 3716.00 ft (KB) To 3726.00 ft (KB) (TVD)**

Reference Elevations: 2156.00 ft (KB)

Total Depth: 3726.00 ft (KB) (TVD)

2151.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8700 Outside**

Press@RunDepth: 127.63 psig @ 3717.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.01

End Date: 2014.05.02

Last Calib.: 2014.05.02

Start Time: 20:19:05

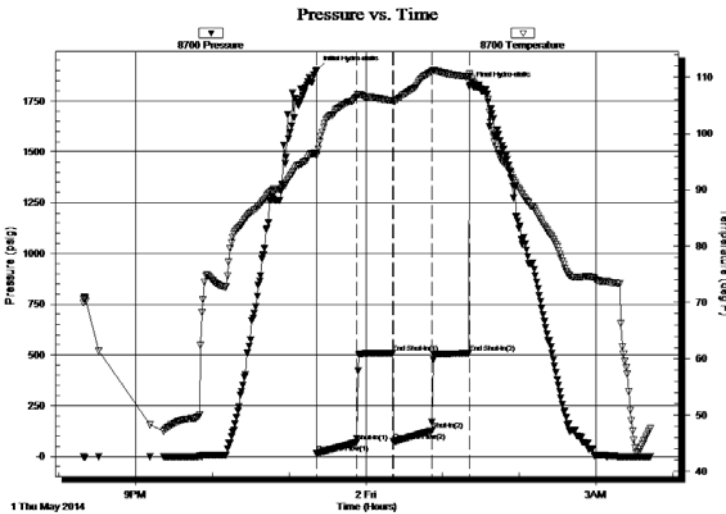
End Time: 03:43:29

Time On Btm: 2014.05.01 @ 23:21:15

Time Off Btm: 2014.05.02 @ 01:21:15

**TEST COMMENT:** 30-IF-Weak surface blow started at 10 mins, then built to 10 1/2"  
30-ISI-No Return  
30-FF-Built to 10 1/2"  
30-FSI-Surface blow at 20 mins.

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1899.67         | 96.59        | Initial Hydro-static |
| 1           | 15.02           | 96.05        | Open To Flow(1)      |
| 32          | 69.29           | 106.40       | Shut-In(1)           |
| 60          | 509.01          | 105.82       | End Shut-In(1)       |
| 61          | 74.80           | 105.56       | Open To Flow(2)      |
| 91          | 127.63          | 110.95       | Shut-In(2)           |
| 120         | 506.75          | 109.96       | End Shut-In(2)       |
| 120         | 1820.80         | 110.56       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                    | Volume(bbl) |
|-------------|--------------------------------|-------------|
| 63.00       | SOMCW, 10%o, 10%m, 80%w        | 0.46        |
| 63.00       | VSGOWCM, 5%g, 15%o, 30%w, 50%m | 0.46        |
| 176.00      | VSGO, 5%g, 95%o                | 1.29        |
|             |                                |             |
|             |                                |             |

## Gas Rates

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



Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

October 14, 2014

Thomas Raney  
Raney Oil Company, LLC  
4665 BAUER BROOK CT.  
LAWRENCE, KS 66049

Re: ACO-1  
API 15-163-24192-00-00  
Sutor C 2  
SW/4 Sec.13-10S-20W  
Rooks County, Kansas

Dear Thomas Raney:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 04/21/2014 and the ACO-1 was received on October 06, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department