



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1200953  
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: \_\_\_\_\_

1200953

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: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

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

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

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

# DRILLERS LOG

API NO: 15 - 031 - 23833 - 00 - 00

OPERATOR: D. E. EXPLORATION INC.

ADDRESS: P.O. BOX 128, WELLSVILLE, KS 66092

WELL #: RI - 21

LEASE NAME: FREEMAN

S. 11 T. 23 R. 16 E. W.

LOCATION: SW SW NE NW

COUNTY: COFFEY

ELEV. GR.: 982

DF:

KB:

FOOTAGE LOCATION: 4125 FEET FROM (N) (S) LINE 3805 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: DOUG EVANS

SPUD DATE: 4/7/2014

TOTAL DEPTH: 1062 P.B.T.D.

DATE COMPLETED: 4/10/2014

OIL PURCHASER: COFFEYVILLE RESOURCES CRUDE TRANSPORTATION

## CASING RECORD

REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

| PURPOSE OF STRING | SIZE HOLE DRILLED | SIZE CASING SET (in O.D.) | WEIGHT LBS/FT | SETTING DEPTH | TYPE CEMENT | SACKS | TYPE AND % ADDITIVES |
|-------------------|-------------------|---------------------------|---------------|---------------|-------------|-------|----------------------|
| SURFACE:          | 12.2500           | 7                         | 19            | 40            | OWC         | 59    | SERVICE COMPANY      |
| PRODUCTION:       | 5.8750            | 2.8750 NEW                | 6.5           | 1046.10       | OWC         |       | SERVICE COMPANY      |

## WELL LOG

CORES: #

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - FLOAT SHOE

1 - BAFFLE

3 - CENTRALIZERS

1 - CLAMP

| FORMATION     | TOP | BOTTOM |
|---------------|-----|--------|
| TOP SOIL      | 0   | 3      |
| CLAY          | 3   | 14     |
| SAND & GRAVEL | 14  | 29     |
| LIME          | 29  | 31     |
| SHALE         | 31  | 124    |
| LIME          | 124 | 198    |
| SHALE         | 198 | 299    |
| LIME          | 299 | 309    |
| SHALE         | 309 | 321    |
| LIME          | 321 | 413    |
| SHALE         | 413 | 424    |
| LIME          | 424 | 431    |
| SHALE         | 431 | 433    |
| LIME          | 433 | 443    |
| SHALE         | 443 | 452    |
| LIME          | 452 | 457    |
| SHALE         | 457 | 468    |
| LIME          | 468 | 526    |
| SHALE         | 526 | 532    |
| LIME          | 532 | 552    |
| SHALE         | 552 | 558    |
| LIME          | 558 | 567    |
| SHALE         | 567 | 573    |
| LIME          | 573 | 579    |
| SHALE         | 579 | 584    |
| LIME          | 584 | 589    |
| SHALE         | 589 | 711    |
| LIME          | 711 | 719    |
| SAND & SHALE  | 719 | 742    |
| LIME          | 742 | 772    |
| SHALE         | 772 | 775    |
| SAND          | 775 | 785    |
| SAND & SHALE  | 785 | 805    |
| LIME          | 805 | 807    |
| SAND & SHALE  | 807 | 855    |
| LIME          | 855 | 857    |
| SAND & SHALE  | 857 | 870    |
| LIME          | 870 | 874    |
| SHALE         | 874 | 877    |
| SAND & SHALE  | 877 | 889    |
| LIME          | 889 | 896    |
| SAND & SHALE  | 896 | 910    |

| FORMATION              | TOP  | BOTTOM   |
|------------------------|------|----------|
| LIME                   | 910  | 912      |
| SHALE                  | 912  | 914      |
| LIME                   | 914  | 918      |
| SAND & SHALE           | 918  | 924      |
| LIME                   | 924  | 928      |
| SHALE                  | 928  | 931      |
| LIME                   | 931  | 934      |
| SAND & SHALE           | 934  | 958      |
| CAP LIME               | 959  | 961      |
| SHALE                  | 961  | 963      |
| CAP LIME               | 963  | 964      |
| SAND & SHALE OIL SHOW  | 964  | 966      |
| OIL SAND GOOD SHOW     | 966  | 968      |
| SAND & SHALE GOOD SHOW | 968  | 970      |
| GOOD OIL SAND          | 970  | 972      |
| OIL SAND FREE OIL      | 972  | 974      |
| SAND & SHALE GOOD SHOW | 974  | 976      |
| SAND & SHALE NO SHOW   | 976  | 978      |
| SAND & SHALE NO SHOW   | 978  | 980      |
| SAND & SHALE           | 980  | 1038     |
| LIME                   | 1038 | 1040     |
| SHALE                  | 1040 | 1062 TD. |



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 267256

Invoice Date: 04/10/2014 Terms: 0/30/10,n/30

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D.E. EXPLORATION  
DOUG EVANS  
P.O. BOX 128  
WELLSVILLE KS 66092  
(785) 883-4057

FREEMAN R-I-21  
47033  
NW 11-23-16  
04-07-2014  
KS

| Part Number | Description              | Qty    | Unit Price | Total  |
|-------------|--------------------------|--------|------------|--------|
| 1124        | 50/50 POZ CEMENT MIX     | 30.00  | 11.5000    | 345.00 |
| 1118B       | PREMIUM GEL / BENTONITE  | 51.00  | .2200      | 11.22  |
| 1111        | SODIUM CHLORIDE (GRANULA | 58.00  | .3900      | 22.62  |
| 1110A       | KOL SEAL (50# BAG)       | 150.00 | .4600      | 69.00  |

| Sublet Performed | Description              | Total   |
|------------------|--------------------------|---------|
| 9996-120         | CEMENT MATERIAL DISCOUNT | -134.35 |

| Description                      | Hours | Unit Price | Total  |
|----------------------------------|-------|------------|--------|
| 495 CEMENT PUMP (SURFACE)        | 1.00  | 870.00     | 870.00 |
| 495 EQUIPMENT MILEAGE (ONE WAY)  | .00   | 4.20       | .00    |
| 495 CASING FOOTAGE               | 40.00 | .00        | .00    |
| 510 TON MILEAGE DELIVERY         | 62.77 | 1.41       | 88.51  |
| 675 80 BBL VACUUM TRUCK (CEMENT) | 1.50  | 100.00     | 150.00 |

Amount Due 1583.89 if paid after 04/20/2014

|        |         |           |     |         |         |    |         |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 447.84  | Freight:  | .00 | Tax:    | 19.28   | AR | 1441.28 |
| Labor: | .00     | Misc:     | .00 | Total:  | 1441.28 |    |         |
| Sublt: | -134.35 | Supplies: | .00 | Change: | .00     |    |         |

Signed \_\_\_\_\_ Date \_\_\_\_\_





**CONSOLIDATED**  
Oil Well Services, LLC

267256

TICKET NUMBER 47033

LOCATION Ottawa KS

FOREMAN Fred Maden

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

| DATE   | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|--------|------------|--------------------|---------|----------|-------|--------|
| 4-7-14 | 2355       | Freeman # R-I-21   | N1W 11  | 23       | 16    | CF     |

  

| CUSTOMER        |       | TRUCK #  |         | DRIVER  |  |
|-----------------|-------|----------|---------|---------|--|
| D E Exploration |       | 712      | FreMad  |         |  |
| MAILING ADDRESS |       | 495      | HorBec  |         |  |
| P. O. Box 128   |       | 675      | Kel Det |         |  |
| CITY            | STATE | ZIP CODE | 570     | Set Tex |  |
| Wellsville      | KS    | 66092    |         |         |  |

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 40' CASING SIZE & WEIGHT 7"  
 CASING DEPTH 40' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 10' +  
 DISPLACEMENT 1.75 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish circulation thru 7" casing  
Mix & Pump 30 sks Por Mix Cement 2% Gel 5% Salt 5# Kal Seal/sk.  
Cement to surface. Displace 7" casing clean w/ 1.75 BBL water  
Shut in casing

Finney Drilling

Fred Maden

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE      | TOTAL     |
|--------------|-------------------|------------------------------------|-----------------|-----------|
| 5401B        | 1                 | PUMP CHARGE Surface Cement         | 495             | 870.00 ✓  |
| 5406         | —                 | MILEAGE                            |                 | N/C ✓     |
| 5402         | 40'               | Casing footage                     |                 | N/C ✓     |
| 5407A        | 62.77             | Ton Miles                          | 570             | 68.51 ✓   |
| 5502C        | 1 1/2 hr          | 90 BBL Vac Truck                   | 675             | 150.00 ✓  |
| 1124         | 30 sks            | 50/50 Por Mix Cement               | 345.00          | ✓         |
| 1118B        | 51#               | Premium Gel                        | 11.22           | ✓         |
| 1111         | 58#               | Granulated Salt                    | 22.62           | ✓         |
| 1110A        | 150#              | Kal Seal                           | 69.00           | ✓         |
|              |                   | Material                           | 447.84          | ✓         |
|              |                   | Less 30%                           | -134.35         | ✓         |
|              |                   | Total                              |                 | 319.49    |
|              |                   |                                    | 1583.89         |           |
|              |                   |                                    | SALES TAX       | 19.28 ✓   |
|              |                   |                                    | ESTIMATED TOTAL | 1441.28 ✓ |

**Completed** 6/15/14

Ravin 3737

AUTHORIZATION No Co Upon Site ok'd J. Green TITLE \_\_\_\_\_

DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
~~FINV~~  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 267328

Invoice Date: 04/14/2014 Terms: 0/30/10,n/30

Page 1

D.E. EXPLORATION  
DOUG EVANS  
P.O. BOX 128  
WELLSVILLE KS 66092  
(785) 883-4057

FREEMAN A RI-21  
47012  
NW 11-23-16  
04-10-2014  
KS

| Part Number | Description              | Qty    | Unit Price | Total   |
|-------------|--------------------------|--------|------------|---------|
| 1124        | 50/50 POZ CEMENT MIX     | 160.00 | 11.5000    | 1840.00 |
| 1118B       | PREMIUM GEL / BENTONITE  | 469.00 | .2200      | 103.18  |
| 1111        | SODIUM CHLORIDE (GRANULA | 336.00 | .3900      | 131.04  |
| 1110A       | KOL SEAL (50# BAG)       | 800.00 | .4600      | 368.00  |
| 4402        | 2 1/2" RUBBER PLUG       | 1.00   | 29.5000    | 29.50   |

| Sublet Performed | Description              | Total   |
|------------------|--------------------------|---------|
| 9996-120         | CEMENT MATERIAL DISCOUNT | -732.67 |

| Description                      | Hours   | Unit Price | Total   |
|----------------------------------|---------|------------|---------|
| 370 80 BBL VACUUM TRUCK (CEMENT) | 1.50    | 100.00     | 150.00  |
| 445 CEMENT PUMP                  | 1.00    | 1085.00    | 1085.00 |
| 445 EQUIPMENT, MILEAGE (ONE WAY) | .00     | 4.20       | .00     |
| 445 CASING FOOTAGE               | 1041.00 | .00        | .00     |
| 518 TON MILEAGE DELIVERY         | 372.00  | 1.41       | 524.52  |

Amount Due 4383.25 if paid after 04/24/2014

|        |         |           |     |         |         |    |         |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 2471.72 | Freight:  | .00 | Tax:    | 106.95  | AR | 3605.52 |
| Labor: | .00     | Misc:     | .00 | Total:  | 3605.52 |    |         |
| Sublt: | -732.67 | Supplies: | .00 | Change: | .00     |    |         |

Signed \_\_\_\_\_ Date \_\_\_\_\_





**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

267328

TICKET NUMBER 47012

LOCATION Attawa, KS

FOREMAN Casey Kennedy

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

| DATE    | CUSTOMER # | WELL NAME & NUMBER  | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------|------------|---------------------|---------|----------|-------|--------|
| 4/10/14 | 2355       | Freeman "A" # RI-21 | NW 11   | 23       | 16    | CO     |

CUSTOMER  
DE Exploration

MAILING ADDRESS  
PO Box 128

CITY  
Wellsville

STATE  
KS

ZIP CODE  
66092

| TRUCK # | DRIVER   | TRUCK #            | DRIVER |
|---------|----------|--------------------|--------|
| 729     | CarKen   | ✓ Safety Meeting   |        |
| 445     | Zev Ash  | ✓ Eureka           |        |
| 518     | Jan Ness | ✓ Bartlesville, OK |        |
| 370     | Gar Moo  | ✓                  |        |

JOB TYPE logstring HOLE SIZE 5 7/8" HOLE DEPTH 1061' CASING SIZE & WEIGHT 2 7/8"

CASING DEPTH 1047' DRILL PIPE \_\_\_\_\_ TUBING baffle - 1011' OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 30'

DISPLACEMENT 5.85 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 46ppm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 1600 lbs 50/50 Pozmix cement w/ 2% gel, 5% salt, + 5 # Kolseal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 5.85 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

*[Handwritten signature]*

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE      | TOTAL     |
|--------------|-------------------|------------------------------------|-----------------|-----------|
| 5401         | 1                 | PUMP CHARGE                        |                 | 1685.00 ✓ |
| 5406         | on lease          | MILEAGE                            |                 | — ✓       |
| 5402         | 1041'             | casing footage                     |                 | — ✓       |
| 5407A        | 372               | ton mileage                        |                 | 524.52 ✓  |
| 5502C        | 1.5 hrs           | 80 Vac                             |                 | 150.00 ✓  |
| 1124         | 1600 lbs          | 50/50 Pozmix cement                | 1840.00         | ✓         |
| 1118B        | 469 #             | Premium Gel                        | 103.18          | ✓         |
| 1111         | 336 #             | Salt                               | 131.04          | ✓         |
| 110A         | 800 #             | Kolseal                            | 368.00          | ✓         |
|              |                   | materials                          | 2442.22         |           |
|              |                   | - 30%                              | - 732.67        | ✓         |
|              |                   | Subtotal                           |                 | 1709.55   |
| 4402         | 1                 | 2 1/2" rubber plug                 |                 | 29.50 ✓   |
|              |                   | completed                          | 4383.25         |           |
|              |                   | 6.15%                              | SALES TAX       | 106.95 ✓  |
|              |                   |                                    | ESTIMATED TOTAL | 3605.50 ✓ |

Ravin 3737

AUTHORIZATION No Co. Rep on location TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.