

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33025
Name: Leon C. Smitherman, Jr.
Address: 14331 Tipperary Circle
City/State/Zip: Wichita, KS 67230
Purchaser: NCRA
Operator Contact Person: Leon C. Smitherman, Jr.
Phone: (316) 733-5434
Contractor: Name: Gulick Drilling Co., Inc.
License: 32854
Wellsite Geologist: William M. Stout
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
5/09/08 5/15/08 8/6/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 015-23777-00-00
County: Butler
S/2 NW NW SE Sec. 16 Twp. 29 S. R. 4 East West
2110 feet from (S) N (circle one) Line of Section
2310 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Asmussen Well #: 16-2
Field Name: Asmussen
Producing Formation: Arbuckle
Elevation: Ground: 1214 Kelly Bushing: 1222
Total Depth: 3000 Plug Back Total Depth: 2732
Amount of Surface Pipe Set and Cemented at 235 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 AH II NCR 8-26-08
(Data must be collected from the Reserve Pit)
Chloride content 1000 ppm Fluid volume 800 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: Operator Date: _____
Subscribed and sworn to before me this 19th day of August,
2008.
Notary Public: [Signature]
Date Commission Expires: 2/22/10

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 21 2008

STACEY SHOEMAKER
Notary Public - State of Kansas
My Appt. Exp. 2/22/10

Operator Name: Leon C. Smitherman, Jr. Lease Name: Asmussen Well #: 16-2
 Sec. 16 Twp. 29 S. R. 4 East West County: Butler

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------|-----|-------|-------------|------|------|-----|------|-------|----------|------|-------|----------|------|-------|---------|------|-------|------------|------|-------|----------|------|-------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Gamma Ray-Neutron; Sonic Bond | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Kansas City</td> <td>2129</td> <td>-907</td> </tr> <tr> <td>BKC</td> <td>2348</td> <td>-1126</td> </tr> <tr> <td>Marmaton</td> <td>2428</td> <td>-1206</td> </tr> <tr> <td>Cherokee</td> <td>2538</td> <td>-1316</td> </tr> <tr> <td>Ardmore</td> <td>2603</td> <td>-1381</td> </tr> <tr> <td>Kinderhook</td> <td>2660</td> <td>-1438</td> </tr> <tr> <td>Arbuckle</td> <td>2711</td> <td>-1489</td> </tr> </table> | Name | Top | Datum | Kansas City | 2129 | -907 | BKC | 2348 | -1126 | Marmaton | 2428 | -1206 | Cherokee | 2538 | -1316 | Ardmore | 2603 | -1381 | Kinderhook | 2660 | -1438 | Arbuckle | 2711 | -1489 |
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | | | | |
| Kansas City | 2129 | -907 | | | | | | | | | | | | | | | | | | | | | | | |
| BKC | 2348 | -1126 | | | | | | | | | | | | | | | | | | | | | | | |
| Marmaton | 2428 | -1206 | | | | | | | | | | | | | | | | | | | | | | | |
| Cherokee | 2538 | -1316 | | | | | | | | | | | | | | | | | | | | | | | |
| Ardmore | 2603 | -1381 | | | | | | | | | | | | | | | | | | | | | | | |
| Kinderhook | 2660 | -1438 | | | | | | | | | | | | | | | | | | | | | | | |
| Arbuckle | 2711 | -1489 | | | | | | | | | | | | | | | | | | | | | | | |

| CASING RECORD <input checked="" 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 |
| Surface | 12.25 | 8.625" | 23 | 235 | Class A | 125 | 2% Gel, 3% cact, .25# floeal |
| Production | 7.875 | 5.5" | 14 | 2999 | Class A | 150 | 5# Kol-Seal |
| Liner | | | | | | | |

| 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 | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4 | 2854'-2856' ; 2859'-2861' 5.5" CIBP @ 2848' | 100 Gal 15% MCA | |
| 4 | 2836'-2839' 5.5" CIBP @ 2826' | 150 Gal 20% MCA | |
| 4 | 2814'-2817' 5.5" CIBP @ 2810 | 200 Gal 15% MCA | |
| 4 | 2804'-2806' ; 2751'-2753' ; 2735'-2736' | None | |
| | 2716'- 2718' 5.5" CIBP's @ 2800', 2748' and 2732' | None | |

| | |
|--|---|
| TUBING RECORD Size <u>2.875"</u> Set At <u>2679'</u> Packer At <u>None</u> Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date of First Resumerd Production, SWD or Enhr. First <u>5/9/08</u> Resumerd <u>8/7/08</u> Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
| Estimated Production Per 24 Hours Oil Bbls. <u>0</u> Gas Mcf <u>0</u> Water Bbls. <u>0</u> Gas-Oil Ratio <u>0</u> Gravity <u>NA</u> | |

| | |
|--|---|
| Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <u>2716'-2718'</u> <input type="checkbox"/> Other (Specify) _____ |
|--|---|

*Use of the
of produced
8/7/08
changed
with
Comp
etc.)*



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 # 221942

Invoice Date: 05/14/2008 Terms:

Page 1

SMITHERMAN JR, LEON
14331 TIPPERARY CIRCLE
WICHITA KS 67230
(316)733-5434

ASMUSSEN 16-2
14030
05-10-08

| Part Number | Description | Qty | Unit Price | Total |
|-------------|--------------------------|--------|------------|---------|
| 1104S | CLASS "A" CEMENT (SALE) | 125.00 | 12.9000 | 1612.50 |
| 1102 | CALCIUM CHLORIDE (50#) | 350.00 | .7000 | 245.00 |
| 1118A | S-5 GEL/ BENTONITE (50#) | 235.00 | .1600 | 37.60 |
| 1107 | FLO-SEAL (25#) | 30.00 | 1.9800 | 59.40 |

| Description | Hours | Unit Price | Total |
|---------------------------------|-------|------------|--------|
| 439 MIN. BULK DELIVERY | 1.00 | 300.00 | 300.00 |
| 520 CEMENT PUMP (SURFACE) | 1.00 | 675.00 | 675.00 |
| 520 EQUIPMENT MILEAGE (ONE WAY) | 30.00 | 3.45 | 103.50 |

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CONSERVATION DIVISION
WICHITA, KS

| | | | | | | | |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 1954.50 | Freight: | .00 | Tax: | 103.59 | AR | 3136.59 |
| Labor: | .00 | Misc: | .00 | Total: | 3136.59 | | |
| Sublt: | .00 | Supplies: | .00 | Change: | .00 | | |

Signed _____ Date _____

BARTLESVILLE, OK
918/338-0808

ELDORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/686-4914

MCALISTER, OK
918/426-7667

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLAND, WY
307/347-4577

CONSOLIDATED OIL WELL SERVICES, *UC*
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676



ENTERED

TICKET NUMBER 14030
 LOCATION Eureka
 FOREMAN Troy Strickler

**TREATMENT REPORT & FIELD TICKET
 CEMENT**

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY | | | | | | | | | | | | |
|--|--------------------|--------------------------|--|----------|-------|--------|---------|--------|---------|--------|-----|-------|--|--|-----|---------|--|--|
| S-10-08 | 7682 | Asmussen 16-2 | 16 | 29 | 4 | Butler | | | | | | | | | | | | |
| CUSTOMER <u>Leon C. Smitherman Jr.</u> | | | <table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>520</td> <td>Cliff</td> <td></td> <td></td> </tr> <tr> <td>439</td> <td>John S.</td> <td></td> <td></td> </tr> </tbody> </table> | | | | TRUCK # | DRIVER | TRUCK # | DRIVER | 520 | Cliff | | | 439 | John S. | | |
| TRUCK # | DRIVER | TRUCK # | | | | | DRIVER | | | | | | | | | | | |
| 520 | Cliff | | | | | | | | | | | | | | | | | |
| 439 | John S. | | | | | | | | | | | | | | | | | |
| MAILING ADDRESS <u>14331 Tipperary Circle</u> | | | | | | | | | | | | | | | | | | |
| CITY <u>Wichita</u> | STATE <u>Ks</u> | ZIP CODE <u>67230</u> | | | | | | | | | | | | | | | | |

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 237' CASING SIZE & WEIGHT 8 5/8"
 CASING DEPTH 235' k.g. DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7" SLURRY VOL 308bl WATER gal/sk 6.5 CEMENT LEFT in CASING 15'
 DISPLACEMENT 148bl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 8 5/8" Casing. Break Circulation w/ water.
Mixed 125skr Class A Cement w/ 3% Cacl₂, 2% Gel, + 1/4" Flocele 1/2"
@ 14.7" Pw/gal. Displace w/ 148bl water. Shut Casing in w/ Good
Cement to surface = 8 Bbl Slurry to Pit.
Job Complete.

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL | |
|--|-------------------|------------------------------------|------------|-----------------|---------|
| 5401S | 1 | PUMP CHARGE | 675.00 | 675.00 | |
| 5406 | 30 | MILEAGE | 3.45 | 103.50 | |
| 1104S | 125skr | Class A Cement | 12.90 | 1612.50 | |
| 1102 | 350# | Cacl ₂ 3% | .70" | 245.00 | |
| 1118A | 235# | Gel 2% | .16" | 37.60 | |
| 1107 | 30# | Flocele 1/4" 1/2" | 1.98" | 59.40 | |
| 5407 | | Ten Mileage | m/c | 300.00 | |
| RECEIVED KANSAS CORPORATION COMMISSION AUG 21 2008 CONSERVATION DIVISION WICHITA, KS Thank You! | | | Sub Total | 3033.00 | |
| | | | 5.5% | SALES TAX | 103.59 |
| | | | | ESTIMATED TOTAL | 3136.59 |

AUTHORIZATION Called by Ron Gubick TITLE _____ DATE _____

201942



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 # 222103

Invoice Date: 05/20/2008 Terms:

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SMITHERMAN JR, LEON
14331 TIPPERARY CIRCLE
WICHITA KS 67230
(316)733-5434

ASMUSSEN 16-2
14024
05-15-08

| Part Number | Description | Qty | Unit Price | Total |
|-------------|------------------------|---------|------------|---------|
| 1126A | THICK SET CEMENT | 150.00 | 16.2000 | 2430.00 |
| 1110A | KOL SEAL (50# BAG) | 750.00 | .4000 | 300.00 |
| 1123 | CITY WATER | 3000.00 | .0133 | 39.90 |
| 4454 | 5 1/2" LATCH DOWN PLUG | 1.00 | 230.0000 | 230.00 |
| 4159 | FLOAT SHOE AFU 5 1/2" | 1.00 | 312.0000 | 312.00 |
| 4104 | CEMENT BASKET 5 1/2" | 1.00 | 208.0000 | 208.00 |
| 4130 | CENTRALIZER 5 1/2" | 6.00 | 43.5000 | 261.00 |

| Description | Hours | Unit Price | Total |
|----------------------------------|-------|------------|--------|
| 436 80 BBL VACUUM TRUCK (CEMENT) | 5.00 | 94.00 | 470.00 |
| 445 CEMENT PUMP | 1.00 | 875.00 | 875.00 |
| 445 EQUIPMENT MILEAGE (ONE WAY) | 30.00 | 3.45 | 103.50 |
| 515 MIN. BULK DELIVERY | 1.00 | 300.00 | 300.00 |

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AUG 21 2008
CONSERVATION DIVISION
WICHITA, KS

Parts: 3780.90 Freight: .00 Tax: 200.38 AR 5729.78
Labor: .00 Misc: .00 Total: 5729.78
Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____

BARTLESVILLE, OK 918/338-0808 ELDORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 GILLETTE, WY 307/686-4914 McALESTER, OK 918/426-7667 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 WORLAND, WY 307/347-4577

CONSOLIDATED OIL WELL SERVICES, LLC
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

ENTERED

TICKET NUMBER 14024
 LOCATION EUREKA
 FOREMAN KEVIN MCGOY

**TREATMENT REPORT & FIELD TICKET
 CEMENT**

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------|------------|--------------------|---------|----------|-------|--------|
| 5-15-08 | 1682 | Asmussen 16-2 | 16 | 29S | 4E | Butler |

| TRUCK # | DRIVER | TRUCK # | DRIVER |
|---------|--------|---------|--------|
| 445 | Justin | | |
| 515 | Jerrid | | |
| 438 | Chris | | |

CUSTOMER: Leon Smitherman Jr.
 MAILING ADDRESS: 14331 Tipperary Circle
 CITY: Wichita STATE: Ks ZIP CODE: 67230
 GULICK DR19

JOB TYPE: Logging HOLE SIZE: 7 7/8 HOLE DEPTH: 3000' CASING SIZE & WEIGHT: 5 1/2 14" NEW
 CASING DEPTH: 2999' DRILL PIPE: _____ TUBING: _____ OTHER: PBTD 2987'
 SLURRY WEIGHT: 13.6 # SLURRY VOL: 45 BBL WATER gal/sk: 8 CEMENT LEFT in CASING: 15'
 DISPLACEMENT: 74 BBL DISPLACEMENT PSI: 700 PSI: 1100 Bump Plug RATE: _____

REMARKS: Safety Meeting: Rig up to 5 1/2 casing. BREAK CIRCULATION w/ 10 BBL fresh water. Mixed 150 SKS THICK SET Cement w/ 5" Kol-Seal /sk @ 13.6 #/gal, yield 1.69. Shut down. wash out Pump & Lines. Release Latch down Plug. Displace w/ 74 BBL fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1100 PSI. wait 2 minutes. Release Pressure. Float & Plug Held. Good Circulation @ ALL times during Cementing Procedures. Job Complete. Rig down.

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|-------------------------|
| 5401 | 1 | PUMP CHARGE | 875.00 | 875.00 |
| 5406 | 30 | MILEAGE | 3.45 | 103.50 |
| 1126 A | 150 SKS | THICK SET Cement | 16.20 | 2430.00 |
| 1110 A | 750 " | KOL-SEAL 5" /SK | .40 " | 300.00 |
| 5407 | 8.25 TONS | Ton Mileage BULK TRUCK | MIC | 300.00 |
| 5502 C | 5 HRS | 80 BBL UAC TRUCK | 94.00 | 470.00 |
| 1123 | 3000 GALS | City water | 13.30/1000 | 39.90 |
| 4454 | 1 | 5 1/2 Latch down Plug | 230.00 | 230.00 |
| 4159 | 1 | 5 1/2 AFU Float shoe | 312.00 | 312.00 |
| 4104 | 1 | 5 1/2 Cement BASKET | 208.00 | 208.00 |
| 4130 | 6 | 5 1/2 x 7 7/8 Centralizers | 43.50 | 261.00 |
| | | | Sub Total | 5529.40 |
| | | THANK You | 5.3% | SALES TAX 200.38 |
| | | 222103 | | ESTIMATED TOTAL 5729.78 |

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 KANSAS CORPORATION COMMISSION
 AUG 21 2008

AUTHORIZATION witnessed By Gary Reed TITLE well site Consultant DATE _____