

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34225
Name: Buffalo Resources, LLC
Address 1: 301 Commerce Street Ste. 1380
Address 2: _____
City: Ft. Worth State: TX Zip: 76102 + 4140
Contact Person: Wray Valentine
Phone: (817) 807-2707
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc
Wellsite Geologist: Roger Martin
Purchaser: _____

Designate Type of Completion:
_____ New Well _____ Re-Entry _____ Workover
_____ Oil _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
 CM (Coal Bed Methane) _____ Temp. Abd.
 Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

See 03/23/09
dr. in the 40209
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: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
02/23/09 03/01/09 *RA 3/02/09*
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-23798-00-00
Spot Description: _____
SW - NE - NW Sec. 12 Twp. 9 S. R. 16 East West
1,230 Feet from North / South Line of Section
1,450 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rooks
Lease Name: Graham Well #: 1-12
Field Name: Laton
Producing Formation: _____
Elevation: Ground: 2,067 Kelly Bushing: 2,077
Total Depth: 3,720 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 266 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 *P+A AIT II NR*
(Data must be collected from the Reserve Pit)
4-22-09
Chloride content: 38,000 ppm Fluid volume: 900 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: Daron Patterson
Title: Foreman Date: 03/26/09
Subscribed and sworn to before me this 27th day of March
2009
Notary Public: Donna Patton
Date Commission Expires: 11-1-09
01027969

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

MAR 30 2009
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Buffalo Resources, LLC Lease Name: Graham Well #: 1-12
 Sec. 12 Twp. 9 S. R. 16 East West County: Rooks

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:
Compensated Neutron/Density, Sonic Dual Induction

| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
|---|----------------------------------|---------------------------------|
| | Name Top Datum | |
| | Anhydrite 1309' +768 | |
| | Topeka 2965' -888 | |
| | Heebner 3187' -1110 | |
| | Lansing 3231' -1154 | |
| | B/KC 3495' -1418 | |
| | Conglomerate 3578' -1501 | |
| | Arbuckle 3679' -1602 | |

| 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 | 12-1/4" | 8-5/8" | 23# | 266' | 60/40 poz | 150 | 2% Gel, 3% CC |
| | | | | | | | |
| | | | | | | | |

| 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 |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |
| | | | |

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 WICHITA, KS

| TUBING RECORD: | | Size: | Set At: | Packer At: | Liner Run: | WICHITA, KS | |
|---|-----------|---------|--|---------------|--|-------------|--|
| | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Date of First, Resumed Production, SWD or Enhr. | | | Producing Method: | | | | |
| | | | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity | | |

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



CEMENTING LOG

STAGE NO. _____

Date 3-2-09 District 4 Ticket No. 34962A
 Company Buffalo Resources Rig South Wind
 Lease Graham Well No. 1-12
 County Reels State KS
 Location Natoma KS Rd 657 North Field Laton
to Rd 190 2 1/2 West South into

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 X 11 Weight 16.60 Collars _____
 Open Hole: Size 7 7/8 T.D. 3719 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.5993
 Drill Pipe: Bbls/Lin. ft. .01422 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6474
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 60-40 4 1/2 Gel 4 1/2 MF10

Amt. 245 Skys Yield 1.39 ft³/sk Density 13.9 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead 6.7 gals/sk Tail _____ gals/sk Total 39.08 Bbls

Pump Trucks Used 409 - Travis
 Bulk Equip. 410 - Neale

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top Dry Hole Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh H2O Amt. 20 Bbls. Weight 8.33 PPG
 Mud Type Drill mud 50 bbl Weight 9.2 PPG

COMPANY REPRESENTATIVE Frank Rome

CEMENTER John Roberts

| TIME | PRESSURES PSI | | FLUID PUMPED DATA | | | REMARKS |
|----------------|-------------------|---------|------------------------------|--------------------------|----------------|---|
| | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | Pumped Per Time Period | RATE Bbls Min. | |
| <u>AM</u> | | | <u>6.18</u> | <u>6.18</u> | <u>4.5</u> | <u>1st @ 3663' 25 sk Cement w/ 3.98 bbl H2O</u> <u>Mud Pump Displace w/ 50 bbl Drill Mud</u> |
| | | | <u>12.36</u> <u>24.36</u> | <u>6.18</u> <u>12</u> | <u>4.5</u> | <u>2nd @ 1330' 25 sk Cement w/ 3.98 bbl H2O</u> <u>Displace w/ 12 bbl H2O</u> |
| | | | <u>49.11</u> <u>55.11</u> | <u>24.75</u> <u>6</u> | <u>4.5</u> | <u>3rd @ 850' 100 sk Cement w/ 15.95 bbl H2O</u> <u>Displace w/ 6 bbl H2O</u> |
| | | | <u>65.01</u> <u>67.01</u> | <u>9.90</u> <u>2</u> | <u>4.5</u> | <u>4th @ 316' 40 sk Cement w/ 6.38 bbl H2O</u> <u>Displace w/ 2 bbl H2O</u> |
| | | | <u>69.48</u> | <u>2.47</u> | <u>3</u> | <u>5th @ 40' 10 sk Cement w/ 1.59 bbl H2O</u> |
| | | | <u>76.9</u> | <u>7.42</u> | <u>3</u> | <u>Rathole 30 sk Cement w/ 4.79 bbl H2O</u> |
| | | | <u>80.61</u> | <u>3.71</u> | <u>3</u> | <u>Mousehole 15 sk Cement w/ 2.39 bbl H2O</u> |
| <u>1:15 am</u> | | | | | | |

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CONSERVATION DIVISION
 WICHITA KS

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs.



ALLIED CEMENTING CO., LLC. 34962A

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

| | | | | | | | |
|---|--------------------|---------------|--|------------|---------------------|--------------------------|--------------------------|
| DATE <u>3-2-09</u> | SEC. <u>12</u> | TWP. <u>9</u> | RANGE <u>16</u> | CALLED OUT | ON LOCATION | JOB START <u>12:15am</u> | JOB FINISH <u>1:15am</u> |
| LEASE <u>Graham</u> | WELL # <u>1-12</u> | | LOCATION <u>Natoma KS 657 Rd North to Rd</u> | | COUNTY <u>Rooks</u> | STATE <u>KS</u> | |
| <input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one) | | | <u>190 2 1/2 West South into.</u> | | | | |

CONTRACTOR South Wind
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 3719
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 XH DEPTH 3663
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED 245 60/10 4% Gel 4# Flo

EQUIPMENT
 PUMP TRUCK CEMENTER John Roberts
 # 409 HELPER Travis
 BULK TRUCK
 # 410 DRIVER Neale
 BULK TRUCK
 # _____ DRIVER _____

| | | | | |
|----------|----------------------|---|--------------|----------------|
| COMMON | <u>147</u> | @ | <u>13.50</u> | <u>1984.50</u> |
| POZMIX | <u>98</u> | @ | <u>7.55</u> | <u>739.90</u> |
| GEL | <u>8</u> | @ | <u>20.25</u> | <u>162.00</u> |
| CHLORIDE | | @ | | |
| ASC | | @ | | |
| | <u>Flo Seal 61 #</u> | @ | <u>2.45</u> | <u>149.45</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>253</u> | @ | <u>2.25</u> | <u>569.25</u> |
| MILEAGE | <u>10 psk/mile</u> | | | <u>759.00</u> |
| TOTAL | | | | <u>4364.10</u> |

REMARKS:

25sk @ 3663'
25sk @ 1330'
100sk @ 850'
40sk @ 316'
10sk @ 40'
30sk Rathole
15sk Mouse hole

SERVICE

| | | | | |
|-------------------|-----------|---|-------------|----------------|
| DEPTH OF JOB | | | | |
| PUMP TRUCK CHARGE | | | | <u>990.00</u> |
| EXTRA FOOTAGE | | @ | | |
| MILEAGE | <u>30</u> | @ | <u>7.00</u> | <u>210.00</u> |
| MANIFOLD | | @ | | |
| | | @ | | |
| | | @ | | |
| TOTAL | | | | <u>1200.00</u> |

CHARGE TO: Buffalo Resources
 STREET 301 Commerce St. Ste. 1380
 CITY Ft Worth STATE Tx ZIP 76102

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 CONSERVATION DIVISION
 WICHITA, KS

PLUG & FLOAT EQUIPMENT

| | | | |
|----------------------|---|--|--------------|
| <u>Dry Hole Plug</u> | @ | | <u>39.00</u> |
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., LLC.

137477

COMMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

| | | | | | | | |
|------------------------------------|--------------------|--|-----------------|----------------------|---------------------|---------------------------|----------------------------|
| DATE <u>2-23-09</u> | SEC. <u>12</u> | TWP. <u>9</u> | RANGE <u>16</u> | CALLED OUT | ON LOCATION | JOB START <u>10:30 am</u> | JOB FINISH <u>11:00 am</u> |
| LEASE <u>Graham</u> | WELL # <u>1-12</u> | LOCATION <u>Matoma 1E R2 657-2 190R2</u> | | | COUNTY <u>ROCKS</u> | STATE <u>KS</u> | |
| OLD OR NEW (Circle one) <u>NEW</u> | | | | <u>2 1/2 W Sinto</u> | | | |

CONTRACTOR Southwind #1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 268
 CASING SIZE 8 5/8 23# DEPTH 266
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 16 BC

OWNER
 CEMENT
 AMOUNT ORDERED 150 60/40 20/60 390 CB

EQUIPMENT
 PUMP TRUCK CEMENTER Craig
 # 417 HELPER Matt
 BULK TRUCK
 # 345 DRIVER C-H
 BULK TRUCK
 # DRIVER

| | | | | |
|----------|-------------------|---|--------------|----------------|
| COMMON | <u>90</u> | @ | <u>13.50</u> | <u>1215.00</u> |
| POZMIX | <u>60</u> | @ | <u>7.55</u> | <u>453.00</u> |
| GEL | <u>3</u> | @ | <u>20.25</u> | <u>60.75</u> |
| CHLORIDE | <u>5</u> | @ | <u>51.50</u> | <u>257.50</u> |
| ASC | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>158</u> | @ | <u>2.25</u> | <u>355.50</u> |
| MILEAGE | <u>10/sk/mile</u> | | | <u>474.00</u> |
| TOTAL | | | | <u>2815.75</u> |

REMARKS:

See Job Log

THANKS!

CHARGE TO: Buffalo Resources LLC.
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

| | | | |
|----------------------|-----------|---|---------------------------|
| DEPTH OF JOB | | | |
| PUMP TRUCK CHARGE | | | <u>991.00</u> |
| EXTRA FOOTAGE | | @ | |
| MILEAGE | <u>30</u> | @ | <u>7.00</u> <u>210.00</u> |
| MANIFOLD | | @ | |
| | | @ | |
| | | @ | |
| TOTAL <u>1201.00</u> | | | |

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 WICHITA, KS

PLUG & FLOAT EQUIPMENT

| | | | |
|----------------------------|---|--|--------------|
| <u>1 8 5/8 wooden Plug</u> | | | <u>66.00</u> |
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment