

Kansas Corporation Commission Oil & Gas Conservation Division

157025

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | API No. 15 | | | | | |
|--|--|--|--|--|--|--|
| Name: | Spot Description: | | | | | |
| Address 1: | SecTwpS. R | | | | | |
| Address 2: | Feet from North / South Line of Section | | | | | |
| City: State: Zip:+ | Feet from East / West Line of Section | | | | | |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: | | | | | |
| Phone: () | □NE □NW □SE □SW | | | | | |
| CONTRACTOR: License # | County: | | | | | |
| Name: | Lease Name: Well #: | | | | | |
| Wellsite Geologist: | Field Name: | | | | | |
| Purchaser: | Producing Formation: | | | | | |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: | | | | | |
| New Well Re-Entry Workover | Total Depth: Plug Back Total Depth: | | | | | |
| Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | 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: sx cmt | | | | | |
| Operator: | | | | | | |
| Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) | | | | | |
| Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR | Chloride content: ppm Fluid volume: bbls Dewatering method used: | | | | | |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: | | | | | |
| Commingled Permit #: | Operator Name: | | | | | |
| Dual Completion Permit #: | Lease Name: License #: | | | | | |
| SWD Permit #: | QuarterSec TwpS. R East West | | | | | |
| ENHR Permit #: | County: Permit #: | | | | | |
| GSW Permit #: | | | | | | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | | | | | | |

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 | |
|------------------------------------|--|
| Letter of Confidentiality Received | |
| Date: | |
| Confidential Release Date: | |
| Wireline Log Received | |
| Geologist Report Received | |
| UIC Distribution | |
| ALT I II III Approved by: Date: | |

Side Two

1157025

| Operator Name: | | | Lease Name: _ | | | Well #: | |
|--|--|---|-------------------------|--------------------------------|---------------------------|-------------------|------------------------|
| Sec Twp | S. R | East West | County: | | | | |
| time tool open and clo | osed, flowing and shu es if gas to surface te | d base of formations per t-in pressures, whether s st, along with final chart(well site report. | shut-in pressure rea | ched static level, | hydrostatic press | sures, bottom h | ole temperature, fluid |
| Drill Stem Tests Taker (Attach Additional | | Yes No | | og Formatio | n (Top), Depth an | d Datum | Sample |
| Samples Sent to Geo | logical Survey | Yes No | Nam | ie | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy | d Electronically | Yes No Yes No Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | | _ | ew Used | | | |
| Durnous of String | Size Hole | Report all strings set- | conductor, surface, int | ermediate, producti Setting | on, etc. Type of | # Sacks | Type and Percent |
| Purpose of String | Drilled | Set (In O.D.) | Lbs. / Ft. | Depth | Cement | Used | Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | ADDITIONAL | CEMENTING / SQI | IEEZE DECODO | | | |
| Purpose: | Depth | | | JEEZE RECORD | Time and F | Percent Additives | |
| Perforate | Top Bottom | Type of Cement | # Sacks Used | # Sacks Used Type | | | |
| Protect Casing Plug Back TD | | | | | | | |
| Plug Off Zone | | | | | | | |
| | | | | | | | |
| Shots Per Foot | PERFORATION Specify I | ON RECORD - Bridge Plug Footage of Each Interval Per | gs Set/Type | | cture, Shot, Cement | | l Depth |
| | Зреспу і | Octage of Lacri Interval Fer | lorateu | (Al | TIOUTIL ATTU KITIU OF WIE | iteriai Oseu) | Бериі |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUDING DECORD. | Si=a. | Cot Atı | Packer At: | Liner Dun | | | |
| TUBING RECORD: | Size: | Set At: | Packer At. | Liner Run: | Yes No | | |
| Date of First, Resumed | Production, SWD or EN | HR. Producing Met | | Gas Lift C | Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil | Bbls. Gas | Mcf War | er Bl | bls. (| Gas-Oil Ratio | Gravity |
| | | | | | | | |
| | ON OF GAS: | | METHOD OF COMPL | | amin ala -l | PRODUCTIO | N INTERVAL: |
| Vented Solo | | Open Hole | Perf. Dually (Submit | | nmingled mit ACO-4) | | |
| (ii ventea, Sui | bmit ACO-18.) | Other (Specify) | | | l — | | |

| Form | ACO1 - Well Completion |
|-----------|--------------------------------------|
| Operator | PostRock Midcontinent Production LLC |
| Well Name | GROSDIDIER, FRANCIS E 14-1 |
| Doc ID | 1157025 |

All Electric Logs Run

| CBL | |
|-----|--|
| DIL | |
| CDL | |
| NDL | |

THORNTON AIR ROTARY, LLC

Office Phone: 620-879-2073

PO Box 449 Caney, KS 67333

| Date Started | 5/1/2013 |
|----------------|----------|
| Date Completed | 5/2/2013 |

| Operator | A.P.I# | County | State |
|----------|--------------------|--------|--------|
| | 15-133-27655-00-00 | Neosho | Kansas |

| | | 1255 | | |
|----------|-----------------------|------|------|------|
| Well No. | Lease | Sec. | Twp. | Rge. |
| 14-1 | Grosdidier, Francis E | 14 | 28 | 20 |

| Type | Driller | Cement Used | Casing Used | Depth | Size of Hole |
|------|-------------------|-------------|-------------|-------|--------------|
| Oil | Brantley Thornton | 5 | 23' 8 5/8 | 631 | 77/8 |

Formation Record

| | | Formatic | n kecora | | r | |
|--|--------------------------|-------------|--|-----|---|--|
| 0-14 | MUD | | | | | |
| 14-95 | SHALE | | | | | |
| 95-115 | LIME | | | | | |
| 115-178 | SANDY SHALE / DAMP | | | | | 3,4 |
| 178-215 | LIME (PAWNEE) | | | | *************************************** | , 11 January 14 (A 6 A 6 A 7 A 18 |
| 215-266 | SHALE | | 240000 | | | |
| 266-288 | LIME (OSWEGO) | | | | · | |
| 288-294 | BLK SHALE (SUMMIT) | | | | HC PY | |
| 294-302 | LIME | | Water Control of the | |) | |
| 302-308 | BLK SHALE (MULKY) | | | - | | |
| 308-410 | SANDY SHALE | | | | | |
| 410-411 | COAL | | AND | | | |
| 411-450 | SANDY SHALE | | AND THE RESIDENCE OF THE PARTY | | | - Annual November |
| 450-465 | SAND | | | | 222 | |
| 456 | WENT TO WATER | | and hard | | | |
| 465-475 | SAND / LIGHT ODOR | | | - | | |
| 475-484 | SAND/ DECENT ODOR & SHOW | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | . ' | | A STATE OF THE STA |
| 484-606 | SANDY SHALE | | | | | |
| 606-607 | COAL | | V400.44 |] | | |
| 607-631 | SHALE | | ************************************** | | <u> </u> | |
| 631 | TD | | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| Anna de la Caracteria d | | - AMERICAN | | | | |
| | | | 201-20-50-50-5 | - | Lugaria | |
| - 14200mm/e1111 | | 4.00 m | | | | |
| | | | - CANADA CONTRACTOR OF THE CON | | | 10-JAMESET |
| - W/A - W - My | 35300 | | | | | |
| | | | | | | |
| | | | | | | |
| | | - Lead Vote | | | | |
| | | | | | | |
| | | | | | 1 00000000 | |



| TICKET NUMBER | 8051 |
|----------------------|------------|
| FIELD TICKET REF # _ | |
| FOREMAN A/atha | n Galunga |
| AFE D13090 | • |
| SSI | |
| API_15 - 133 - a | 27655-00-0 |

TREATMENT REPORT & FIELD TICKET CEMENT

| DATE | WELL NAME & NUMBER | | | | | SECTION | TOWNSHIP | RANGE | COUNTY |
|---|--------------------|-------------|---------------|------------|------------|---------|--|-------|-----------------------|
| 5-3-13 | Grosdidi | er Fran | cis E. | 14-1 | | 14 | 285 | 20 E | Neoste |
| FOREMAN/ OPERATOR | TIME IN | TIME OUT | LESS LUNCH | TRUCK # | CK TRAILER | | 10 CONTROL 1 TO TO THE T | | EMPLOYEE SIGNATURE |
| Nathan Galina | 6:00 | 11:00 | | 905575 | | | 5" | Na | the |
| Chris Kincaid | 6:30 | 11:00 | | 931400 | 9 | 32895 | 4. | 5 / | last |
| Gree Blackmen | 6:30 | 11:00 | | 903605 | 93 | 33235 | 4.5 | | Me |
| | | · | | | | | | | |
| JOB TYPE Long String HOLE SIZE 7 % HOLE DEPTH 631 CASING SIZE & WEIGHT 5 %, 14 th CASING DEPTH 635, 32 DRILL PIPE TUBING OTHER 605 Tones rig SILURRY WEIGHT 13.5 SLURRY VOL WATER gol/sk CEMENT LEFT IN CASING OTHER 605 TONES RATE 4.0 REMARKS: On location at 8:15. Spotted trucks with dozer at 9:00 Harbed in final 5'. Ready to coment at 10:00, See COWS ticket for coment of details. Trace oil 5 how | | | | | | | | | |

| ACCOUNT CODE | QUANTITY OR UNITS | DESCRIPTION OF SERVICE OR PRODUCT | TOTAL AMOUNT |
|-----------------|-------------------|--|-----------------|
| 905575 | 1 | Foreman Pickup | |
| 1,000 | | Cement Pump Truck | |
| | | Bulk Truck | |
| 903605 | 1 | Transport-Truck Transport-Trailer Equipment Trailer | |
| 733235 | 1 | Transport Trailer Equipment Trailer | |
| 930050 | 1 | 80-Yae Dozer | |
| 931400 | 1 | Casing Truck | |
| 932895 | . 1 | Casing Trailer | |
| | 625.32' | Casing | |
| | 3 | Centralizers | |
| | . 1 | Float Shoe | |
| | 1 | Wiper Plug | |
| | 1 (times) | Frac Baffles | |
| | | Portland Cement | |
| | | CSA-122 Sodium Silicate | |
| | 501 | CGL-115 Cement Fluid Loss | |
| | 45k5 | Premium Gel | |
| | | Cal Chloride | |
| | | City Water | |
| | | Chemthix-P Thixotropic | |
| | | KOL Seal | |
| | 151 | Cotton Seed Hulls | |



AFE # DBOTO APT # 15-133-27655 TICKET NUMBER LOCATION E VIPE FOREMAN Shannon

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

FIELD TICKET & TREATMENT REPORT James much CEMENT

| DATE | CUSTOMER# | WELL NAME & NUMB | ER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------------|-------------|----------------------|-------------|-----------------------|------------------|------------|-------------|
| 5-3-13 | 6628 | Grosdidier, Francis | 14-1 | | | | Neosho |
| CUSTOMER | 0 | | Gus | thirsties latice into | giornal blooders | | A conscious |
| Po | st Kock | Erergy Corp | | TRUCK# | DRIVER | TRUCK# | DRIVER |
| MAILING ADDRE | SS | | Jones | 520 | Johns | • | |
| 4 | 1402 70 | trison Rd | | 611 | Joryk | X | |
| CITY | | STATE ZIP CODE | | 4524 7103 | Jim m | | |
| Chan | ute | KS | | #88 | | M'Coy Tru | |
| JOB TYPE 1/5 | 6 | HOLE SIZE 7%" | HOLE DEPTH | 631' | CASING SIZE & W | EIGHT 54" | @ 14.# |
| CASING DEPTH | 625.33 6 L. | DRILL PIPE | TUBING | | | OTHER | |
| SLURRY WEIGH | | SLURRY VOL 30 Bbl | WATER gal/s | k_90 | CEMENT LEFT in | CASING | |
| DISPLACEMENT | 15.5 Bb1 | DISPLACEMENT PSI 300 | MIX PSI But | 1 Phy @ 800 | RATE Displace | @ 4 BF | em |
| REMARKS: So- | lety meet | m, rig up to 51/2 | " cosing | . Wash do | un 2' w/5 | OBU Ha | o, mited |
| | | Kulls, 15 Bbl H20 | | | 85 5ks T | . A | |
| W/5# KU | 1-seal/5K, | 1# phenoseal/sk + | 1/4 % | CFL-115 @ | 13.5 #/99/. | Shul doe | un wash |
| out pumi | o + lines, | displace w/15.5 Bbl | 470. | Final pump | Ding Dressu | ire of 300 | PSi, |
| bumped i | 11 0g @ 80 | o psi. Mldg & Floar | held. | Good ci | restation 6 | 0 911 41 | imes, |
| 3 Bb1 Si | lurry to 1 | it. Job complex | 18. | | | | |
| | | | | | | | |
| | | | | 1 | 11 | | |
| | | 1.7h. | ariks 5 | hannon 4 | crew | | |

| ACCOUNT CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|-----------------|------------------|------------------------------------|-----------------|---------|
| 5401 | 1. | PUMP CHARGE | 1085.00 | 1085.00 |
| 5406 | 70 | MILEAGE # / OF 4 Wells | 4,20 | 294.00 |
| 1126 A | 85 5KS | Thickset Coment | 20.16 | 1713.60 |
| 1110 A | 425 # | Kol-seal @ 5#/sk | . 46 | 195:50 |
| 1107 A | 85# | Phenoseal @ 1#/sk | 1.35 | 114.75 |
| 1/35 A | 24 41 | CFL-115 @ 1/4% | 11.08 | 265.92 |
| 5407A | 4.67 Tons | Ton mileage bolk Truck | 1.41 | 460.90 |
| 55010 | 3.5 Hes | Woter Transport | 120.00 | 420.00 |
| 5502C | 35 1/rs | 80 Bbl Vac Truck #85 Meay Trucking | 90.00 | 315.00 |
| 1/23 | 5500 gals | City water | 17 30/1000 | 75.15 |
| | | | | |
| | | | | * |
| | | | Sub Tolal | 4959.84 |
| | | 7.3% | | 174.09 |
| avin 3737 | | | ESTIMATED TOTAL | 5133.73 |
| UTHORIZTION | 1/02 6 | TITLE | DATE | - 4 |

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



Cable Tool Service 149 RD 25 • Elk City, KS 67344 (620) 642-6315

JOB SHEET

AFEH D13090

| Date 5-2-13 | Start Time | Finish Time | Total Time 6 H C |
|---|--------------------|--------------------|------------------|
| Orderd by: New well | w.11. (c. | Lease: Grasdidie | |
| Company: Post Roc | 10 | Well#: 14-1 | |
| Type of Job or Rig: R/ | 3 | | |
| Job Description: | up. Run in | 5 h Inch casi | s. Recip. |
| Type of Job or Rig: Ry Job Description: Rig | nling hand cla | mp Ry down | |
| | | | |
| | * : | | |
| Nalla | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Fishing Tool or Packer Rer | ntal Charges \$ | _ | |
| Power Tong Charge \$ | (Per Trip In or Ou | t) Number of trips | |
| Parts Used : Supplied By | G.J. Economy | Other | |
| Valve | Cups | Working Barrels | |
| Ball & | Seats | Swab Cups | |
| Seating | Cups | Other | |
| Discription of Other: | | | |

Grosdidier, Francis E. 14-1

| Pipe# | Joint Length | Running Total - NO threads | Baffle Location | PostRock Energy- Casing Tally Sheet |
|---------------|--------------|----------------------------|-----------------|-------------------------------------|
| 1 | 42.44 | 42.19 | | Date: 5/3/13 |
| 2 | 42.5 | 84.44 | | Well Name & #: Grosdidier 14-1 |
| 3 | 42.5 | 126.69 | | Township & Range: 28S-20E |
| 4 | 42.47 | 168.91 | | County/State: Neosho/KS |
| 5 | 42.53 | 211.19 | | AFE#: D13090 |
| 6 | 42.46 | 253.4 | | API# 15-133-27655-00-00 |
| 7 | 42.5 | 295.65 | | Comments: |
| 8 | 42.47 | 337.87 | | Projected TD- 625' |
| 9 | 42.53 | 380.15 | | |
| 10 | 42.44 | 422.34 | | Joints are numbered in White |
| 11 | 42.53 | 464.62 | | |
| 12 | 42.48 | 506.85 | | Subs are in orange |
| 13 | 42.52 | 552.12 | | |
| 14 | 42.46 | 591.33 | | |
| 15 | 42.48 | 633.56 | | |
| 16 | 14.94 | 605.77 | | |
| 17 | 5.27 | 610.79 | | Added these subs for |
| 18 | 5.08 | 615.62 | | flexibility to adjust to actual TD |
| 19 | 9.95 | 625.32 | | |
| 20 | 7.02 | 632.09 | | Trailer# 932900 |
| 21 | | | | |
| 22 | | | | Actual TD - 631 |
| 23 | | | | Log Bottom - 624.90 |
| 24 | | | | Casing Tally - 625.32 |
| 25 | | | | No Baffles |
| 26 | | | | Centralizers per SOP |
| 27 | | = | | 187 |
| 28 | | | | |
| 29 | | | | 40 |
| 30 | | | | |
| 31 | | | , | |
| 32 | | | | |
| 33 | | | | |
| 34 | | | | |
| 35 | | | | |
| 36 | | | | |
| 37 | | | | |
| 38 | | | | |
| 39 | | | | |
| 40 | | | | |

PostRock Energy Corp.