



KANSAS CORPORATION COMMISSION 1069794
OIL & GAS CONSERVATION DIVISION

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 # 33343
Name: PostRock Midcontinent Production LLC
Address 1: Oklahoma Tower
Address 2: 210 Park Ave, Ste 2750
City: OKLAHOMA CITY State: OK Zip: 73102 + _____
Contact Person: CLARK EDWARDS
Phone: (620) 4319500
CONTRACTOR: License # 33606
Name: Thomton Air Rotary, LLC
Wellsite Geologist: KEN RECOY
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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
7/27/2011 7/28/2011 8/15/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-205-27962-00-00

Spot Description:
NE SE SW NW Sec. 15 Twp. 29 S. R. 17 East West
2080 Feet from North / South Line of Section
1030 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Wilson

Lease Name: STICH, JOHN R Well #: 15-5

Field Name: _____

Producing Formation: CHEROKEE COALS

Elevation: Ground: 877 Kelly Bushing: 0

Total Depth: 1150 Plug Back Total Depth: 1143

Amount of Surface Pipe Set and Cemented at: 22 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1143

feet depth to: 0 w/ 165 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls

Dewatering method used: Evaporated

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

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrico Date: 12/08/2011



1069794

Operator Name: PostRock Midcontinent Production LLC Lease Name: STICH, JOHN R Well #: 15-5
 Sec. 15 Twp. 29 S. R. 17 East West County: Wilson

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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED |
|---|--|

| 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 | 22 | 22 | A | 4 | |
| PRODUCTION | 7.875 | 5.5 | 14.5 | 1142.72 | A | 165 | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate | | | | |
| ___ Protect Casing | - | | | |
| ___ Plug Back TD | | | | |
| ___ 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 | 1004-1007 | 300GAL 15% HCL W/ 64BBLs 2% KCL WATER, 400BBLs W/ 2% KCL, BIocide, MAXFLOW, 1700# 204C | 1004-1007 |
| 4 | 955-957/950-952/855-857 | 500GAL 15% HCL W/ 63BBLs 2% KCL WATER, 990BBLs W/ 2% KCL, BIocide, MAXFLOW, 6100# 204C | 955-957/950-952/855-857 |
| 3 | 750-752/713-715/690-692 | 400GAL 15% HCL W/ 52BBLs 2% KCL WATER, 651BBLs W/ 2% KCL, BIocide, MAXFLOW, 6300# 204C | 750-752/713-715/690-692 |
| 4 | 624-628/610-615 | 500GAL 15% HCL W/ 43BBLs 2% KCL WATER, 650BBLs W/ 2% KCL, BIocide, MAXFLOW, 6300# 204C | 624-628/610-615 |

| | | | |
|--|-----------|---|-----------------------------------|
| TUBING RECORD: Size: <u>1.5</u> Set At: <u>1057</u> Packer At: _____ | | Liner Run: <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: <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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|--|---|--|

| | |
|-----------|--------------------------------------|
| Form | ACO1 - Well Completion |
| Operator | PostRock Midcontinent Production LLC |
| Well Name | STICH, JOHN R 15-5 |
| Doc ID | 1069794 |

All Electric Logs Run

| |
|------|
| |
| CDL |
| NDL |
| TEMP |
| GRN |

QUEST

Resource Corporation



k47 - Yale S 1/2 down lease Rd
east side

211 W. 14TH STREET,
CHANUTE, KS 66720
620-431-9500

A FE #
011079

TICKET NUMBER 7121

FIELD TICKET REF # _____

FOREMAN Nathan Gahman

SSI 631630

API 15-205-27962

TREATMENT REPORT & FIELD TICKET CEMENT

| DATE | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------|---------------------|---------|----------|-------|--------|
| 7-29-11 | Stich, John R. 15-5 | 15 | 29 | 17 | WL |

| FOREMAN / OPERATOR | TIME IN | TIME OUT | LESS LUNCH | TRUCK # | TRAILER # | TRUCK HOURS | EMPLOYEE SIGNATURE |
|--------------------|---------|----------|------------|---------|-----------|-------------|----------------------|
| Jim Blanchard | 8:00 | 12:00 | | 904850 | | 4 | <i>Jim Blanchard</i> |
| Nathan Gahman | 8:00 | | | 903103 | | 4 | <i>Nate Gah</i> |
| Justin T. Jensen | 8:00 | | | 903255 | | 4 | <i>Justin Jensen</i> |
| Wes Gahman | 8:00 | | | 903400 | 932705 | 4 | <i>Wes Gah</i> |
| DUSTAN POTTS | 8:00 | | | 903600 | | 4 | <i>Dustin Potts</i> |
| MAH Muff | 8:00 | ✓ | | 903139 | 932895 | 4 | <i>MAH Muff</i> |

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1146 CASING SIZE & WEIGHT 5.5 14#
 CASING DEPTH 1142.72 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 22.20 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS:

Installed cement head RAW 1SK out of 16 ^{BB1} dye of 165 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom of set float shoe.

accidentally left joint #100ft. Landed plug at 1095 ^{Ft} At 2000psi was following plug with wire line. Ken Reay & Tracy Combs & John Michaels were notified. Joint 1 fell down into bottom load of casing on trailer & was hidden.

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT | TOTAL AMOUNT |
|--------------|----------------------|------------------------------------|--------------|
| 904850 | 4 hr | Foreman Pickup | |
| 903255 | 4 hr | Cement Pump Truck | |
| 903103 | 4 hr | Bulk Truck | |
| 903400 | 4 hr | Transport Truck | |
| 932705 | 4 hr | Transport Trailer | |
| 904730 | 4 hr | 80 Vac | |
| | 1142.72 ft | Casing 5 1/2 | |
| | 7 | Centralizers | |
| | 1 | Float Shoe | |
| | 1 | Wiper Plug | |
| | 2 | Frac Baffles 4" 4 1/2" | |
| | 130 sk | Portland Cement | |
| | 30 sk | Gilsonite | |
| | 1 sk | Flo-Seal | |
| | 13SK 13SK | Premium Gel | |
| | 5 sk | Cal Chloride | |
| | 1 | 100 5 1/2" bucket | |
| | 7000 gal | City Water | |
| 903139 | 4 hr | casing tractor | |
| 932895 | 4 hr | casing trailer | |

TD. Thornton Drilling Thursday 07-28-11 @ 4PM.

| Pipe# | Length | Running Total | Baffle Location | POSTROCK ENERGY CORP - CASING TALLY SHEET |
|----------------|------------------|---------------|---|---|
| 1 | 39.36 | 39.36 | | Date: 7/28/11 |
| 2 | 39.59 | 78.95 | Cement Basket | Well Name & #: Stich, John R. 15-5 |
| 3 | 40.39 | 119.34 | | Township & Range: 29S-17E |
| 4 | 39.06 | 158.40 | @ 119ft. | County/State: Wilson / Kansas |
| 5 | 38.23 | 196.63 | | SSI #: 631630 |
| 6 | 39.44 | 236.07 | | AFE#: D11079 |
| 7 | 39.10 | 275.17 | | Road Location: K47 & Yale, S & E into |
| 8 | 38.78 | 313.95 | | API# 15-205-27962 |
| 9 | 38.93 | 352.88 | | |
| 10 | 38.12 | 391.00 | | |
| 11 | 38.98 | 429.98 | | |
| 12 | 38.34 | 468.32 | | |
| 13 | 38.37 | 506.69 | | |
| 14 | 38.98 | 545.67 | | |
| 15 | 38.58 | 584.25 | | |
| 16 | 38.31 | 622.56 | | |
| 17 | 38.63 | 661.19 | ← Set Upper Baffle @ 661.19 ft. Big Hole. | |
| 18 | 39.82 | 701.01 | | |
| 19 | 38.81 | 739.82 | | |
| 20 | 39.03 | 778.85 | | |
| 21 | 40.00 | 818.85 | | |
| 22 | 39.71 | 858.56 | | |
| 23 | 39.14 | 897.70 | ← Set Lower Baffle @ 897.70 ft. Small Hole. | |
| 24 | 38.67 | 936.37 | | |
| 25 | 39.70 | 976.07 | | |
| 26 | 38.30 | 1014.37 | | |
| 27 | 38.97 | 1053.34 | | |
| 28 | 39.66 | 1093.00 | | |
| 29 | 39.62 | 1132.62 | | |
| Sub | 10.10 | 1142.72 | Tally Bottom | |
| 30 | 39.65 | | Leave this joint out. | |
| Sub | 18.14 | | Leave this Sub out. | |

Joint #1 was left out accidentally
 NEW TD 1093
 Be Safe!
 Drink liquids!
 Take Breaks!!

Use 29 joints + the 10ft. Sub.
 Do NOT use the 18ft Sub or joint 30.

Miss Top 1009 ft.
Tally Bottom 1142.72 ft.
Log Bottom 1146.30 ft.
Driller TD 1150 ft.

Put Safety 1st! Teamwork works!!
 Dkt. Ke Reusz
 Sr. Geologist
 620 305 9900 cell
 07-28-2011

Air Drilling Specialist
Oil & Gas Wells

THORNTON AIR ROTARY, LLC
Office Phone: 620-879-2073

PO Box 449
Caney, KS 67333

| | |
|----------------|-----------|
| Date Started | 7/27/2011 |
| Date Completed | 7/28/2011 |

| Well No. | Operator | Lease | A.P.I.# | County | State |
|----------|------------------|----------------|--------------------|--------|--------|
| 15-5 | Post Rock Energy | Stich, John R. | 15-205-27962-00-00 | Wilson | Kansas |

| 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. |
|-----|-----|-----|------|------|------|
| | | | 15 | 29 S | 17 E |

| Driller | Type/Well | Cement Used | Casing Used | Depth | Size of Hole |
|---------|-----------|-------------|-------------|-------|--------------|
| Sean | Gas | 4 | 22' 8 5/8 | 1150 | 7 7/8 |

Formation Record

| | | | | | |
|---------|-------------------------------|-----------|---------------------------------|--|--|
| 0-1 | DIRT | 626-627 | COAL | | |
| 1-8 | CLAY | 627-632 | LIME | | |
| 8-11 | LIME | 630 | G.T. - 14 oz., 3/8" = 13.40 MCF | | |
| 11-68 | SHALE | 632-690 | SHALE | | |
| 68-77 | LIME | 690-691 | COAL | | |
| 77-88 | SHALE | 691-710 | SHALE | | |
| 88-159 | LIME | 710-712 | LIME | | |
| 159-162 | BLK SHALE (WET) | 712-714 | SHALE | | |
| 162-168 | LIME | 714-715 | COAL | | |
| 168-213 | SANDY SHALE | 715-756 | SANDY SHALE | | |
| 213-311 | LIME | 756-757 | COAL ? | | |
| 255 | WENT TO WATER | 757-854 | SHALE | | |
| 311-366 | SHALE | 854-856 | COAL | | |
| 366-411 | LIME | 856-948 | SHALE | | |
| 411-445 | SAND | 931 | G.T. - 5 oz., 1/2" = 14.1 MCF | | |
| 445-504 | SHALE | 948-950 | COAL | | |
| 480 | GAS TEST - NO GAS | 950-954 | SHALE | | |
| 504-508 | LIME | 954-955 | COAL | | |
| 508-509 | COAL (MULBERRY) | 955-1003 | SHALE | | |
| 509-544 | LIME (PAWNEE) | 956 | G.T. - 9 oz., 1/2" = 18.8 MCF | | |
| 530 | GAS TEST - SAME | 1003-1005 | COAL | | |
| 544-548 | BLK SHALE (LEXINGTON) | 1005-1011 | SHALE | | |
| 548-584 | SHALE | 1006 | G.T. - 5 1/2 oz., 1" = 60.5 MCF | | |
| 555 | G.T.- 14 oz., 1/4" = 6.33 MCF | 1011-1021 | CHAT/CHIRT (MISS.) | | |
| 584-607 | LIME (OSWEGO) | 1021-1050 | BRN LIME / CHIRT | | |
| 605 | GAS TEST - SAME | 1031 | GAS TEST - SAME | | |
| 607-615 | BLK SHALE (SUMMIT) | 1050-1073 | LIME | | |
| 615-623 | LIME | 1073-1150 | CHAT / CHIRT | | |
| 620 | G.T.- 8 oz., 3/8" = 10.10 MCF | 1150 | TD | | |
| 623-626 | BLACK SHALE | | | | |