Kansas Corporation Commission Confidentiality Requested: OIL & GAS CONSERVATION DIVISION

Yes No

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 # | | | API No. 15 | |
|--|----------------------|----------------------|--|------------|
| Name: | | | Spot Description: | |
| Address 1: | | | SecTwpS. R 🗌 Eas | t West |
| Address 2: | | | Feet from North / South Line | of Section |
| City: Sta | ıte: Zi _l | p:+ | Feet from | of Section |
| Contact Person: | | | Footages Calculated from Nearest Outside Section Corner: | |
| Phone: () | | | □NE □NW □SE □SW | |
| CONTRACTOR: License # | | | GPS Location: Lat:, Long: | |
| Name: | | | (e.g. xx.xxxxx) (e.gxxx.x | (XXXX) |
| Wellsite Geologist: | | | Datum: NAD27 NAD83 WGS84 | |
| Purchaser: | | | County: | |
| Designate Type of Completion: | | | Lease Name: Well #: | |
| ☐ New Well ☐ Re-E | =ntrv | Workover | Field Name: | |
| | _ | | Producing Formation: | |
| ☐ Oil ☐ WSW ☐ D&A | ☐ SWD | ∐ SIOW □ SIGW | Elevation: Ground: Kelly Bushing: | |
| ☐ Gas ☐ D&A ☐ OG | GSW | Temp. Abd. | Total Vertical Depth: Plug Back Total Depth: | |
| CM (Coal Bed Methane) | G3VV | Temp. Abu. | Amount of Surface Pipe Set and Cemented at: | Feet |
| Cathodic Other (Core, | Expl., etc.); | | Multiple Stage Cementing Collar Used? Yes No | |
| If Workover/Re-entry: Old Well Info | | | If yes, show depth set: | Feet |
| Operator: | | | If Alternate II completion, cement circulated from: | |
| Well Name: | | | feet depth to:w/_ | sx cmt. |
| Original Comp. Date: | | | <u> </u> | |
| Deepening Re-perf. | Conv. to El | NHR Conv. to SWD | Drilling Fluid Management Plan | |
| ☐ Plug Back | Conv. to G | SW Conv. to Producer | (Data must be collected from the Reserve Pit) | |
| O constituted | D | | Chloride content:ppm Fluid volume: | bbls |
| ☐ Commingled☐ Dual Completion | | | Dewatering method used: | |
| SWD | | | Location of fluid disposal if hauled offsite: | |
| ☐ ENHR | | | Location of huld disposal if hauled offsite. | |
| GSW | | | Operator Name: | |
| _ | | | Lease Name: License #: | |
| Spud Date or Date Read | ched TD | Completion Date or | Quarter Sec TwpS. R Eas | st West |
| • | | Recompletion Date | 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 Approved by: Date: | | | | |

| Operator Name: | | | | Lease N | Name: _ | | | _ Well #: | |
|---|------------------------|----------|--|----------------|-----------|----------------------------|--|---------------------------------|-------------------------------|
| Sec Twp | S. R | East | West | County | : | | | | |
| INSTRUCTIONS: Sho open and closed, flowi and flow rates if gas to | ng and shut-in pressu | res, whe | ther shut-in pre | ssure reac | hed stati | c level, hydrosta | atic pressures, bot | | |
| Final Radioactivity Log files must be submitted | | | | | | gs must be ema | ailed to kcc-well-lo | ogs@kcc.ks.go | v. Digital electronic |
| Drill Stem Tests Taken (Attach Additional S | heets) | Ye | es No | | L | _ | on (Top), Depth a | | Sample |
| Samples Sent to Geolo | ogical Survey | Y | es 🗌 No | | Nam | e | | Тор | Datum |
| Cores Taken Electric Log Run | | | es No | | | | | | |
| List All E. Logs Run: | | | | | | | | | |
| | | Repo | | RECORD | Ne | ew Used ermediate, product | ion, etc. | | |
| Purpose of String | Size Hole Drilled | | re Casing t (In O.D.) | Weig Lbs. / | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | | |
| | | | ADDITIONAL | CEMENTIN | NG / SQL | EEZE RECORD | | | |
| Purpose: Perforate | Depth Top Bottom | Туре | of Cement | # Sacks | Used | | Type and F | Percent Additives | |
| Protect Casing Plug Back TD Plug Off Zone | | | | | | | | | |
| | | | | | | | | | |
| Did you perform a hydraul | _ | | | reed 250 00 | 0 aallana | | = ' ' | rip questions 2 ar | nd 3) |
| Does the volume of the to Was the hydraulic fracturing | | | - | | - | ? | | ip question 3) I out Page Three | of the ACO-1) |
| Shots Per Foot | | | RD - Bridge Plug Each Interval Perl | | | | cture, Shot, Cemen mount and Kind of Ma | | d Depth |
| | | | | | | | | | |
| | | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | | Packer At | t: | Liner Run: | Yes No | | |
| Date of First, Resumed F | Production, SWD or ENH | R. | Producing Meth Flowing | nod: | g 🗌 | Gas Lift (| Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil B | bls. | Gas | Mcf | Wate | er B | bls. (| Gas-Oil Ratio | Gravity |
| DISPOSITIO | N OF GAS: | | N | METHOD OF | COMPLE | ETION: | | PRODUCTIO | ON INTERVAL: |
| Vented Sold | Used on Lease | | Open Hole | Perf. | Dually | | mmingled | | |
| (If vented, Sub | mit ACO-18.) | | Other (Specify) | | ,/ | | | | |

Summary of Changes

Lease Name and Number: Pedrow 20-T

API/Permit #: 15-003-25631-00-00

Doc ID: 1131596

Correction Number: 1

Approved By: NAOMI JAMES

| Field Name | Previous Value | New Value |
|--|-------------------|-----------------------------|
| Approved Date | 03/11/2013 | 04/04/2013 |
| Completion Or Recompletion Date | 11/09/2012 | 03/18/2013 |
| Date of First or Resumed Production or SWD or Enhr | | 03/18/2013 |
| Elogs_PDF | Gamma Ray/Neutron | Gamma Ray/Neutron |
| Method Of Completion - Perf | No | Gamma Ray/Neutron Yes |
| Perf_Depth_1 | | 677 |
| Perf_Material_1 | | 75 gal 15% HCL acid |
| Perf_Material_2 | | 40 sx sand; 148 bbls H2O |
| Perf_Record_1 | | 633-677 |
| Perf_Shots_1 | | 2 |

Summary of changes for correction 1 continued

| Field Name | Previous Value | New Value |
|-----------------------------|---|---|
| Producing Method Pumping | No | Yes |
| Production - Barrels Oil | | 10 |
| Save Link | //kcc/detail/operatorE ditDetail.cfm?docID=11 03101 | //kcc/detail/operatorE ditDetail.cfm?docID=11 31596 |



CONFIDENTIAL OIL & GAS CONFIDENTIAL OIL & GAS CONFIDENTIAL OF THE CONFIDENTIAL OF THE

Kansas Corporation Commission Oil & Gas Conservation Division

1103101

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: | 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 □ 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: |
| If Workover/Re-entry: Old Well Info as follows: | feet depth to:w/sx cmt |
| Operator: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to SWD Conv. to GSW | 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 #: | Quarter Sec TwpS. R |
| ENHR | County: Permit #: |
| | |
| Spud Date or Date Reached TD Completion Date or | |

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 | | | |