

KANSAS CORPORATION COMMISSION 1050579 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 # | API No. 15 - 15-129-21891-00-01 | | | | | |
|---|--|--|--|--|--|--|
| Name: Anadarko Petroleum Corporation | Spot Description: | | | | | |
| Address 1: PO Box 1330 | NE Sec. 16 Twp. 34 S. R. 41 East West | | | | | |
| Address 2: | 1,320 Feet from North / South Line of Section | | | | | |
| City: HOUSTON State: TX Zip: 77251 + 1300 | 1,320 Feet from 🗹 East / 🗌 West Line of Section | | | | | |
| Contact Person: Joyce Martens | Footages Calculated from Nearest Outside Section Corner: | | | | | |
| Phone: (<u>832</u>) <u>636-7978</u> | ☑NE □NW □SE □SW | | | | | |
| CONTRACTOR: License #_5112 | County: Morton | | | | | |
| Name: Midwestern Well Service, Inc. | Lease Name: Hill A Well #: 2 | | | | | |
| Wellsite Geologist: Ed Bucher | Field Name: Greenwood | | | | | |
| Purchaser: Anadarko Energy Services Company | Producing Formation: Wabaunsee/Shawnee | | | | | |
| Designate Type of Completion: | Elevation: Ground: 3430 Kelly Bushing: 3428 | | | | | |
| ☐ New Well ☐ Re-Entry | Total Depth: 3640 Plug Back Total Depth: 3555 | | | | | |
| Oil | Amount of Surface Pipe Set and Cemented at: 643 Feet | | | | | |
| ✓ Gas D&A ENHR SIGW | Multiple Stage Cementing Collar Used? ☐ Yes ✓ No | | | | | |
| ☐ OG ☐ GSW ☐ Temp. Abd. | If yes, show depth set:Feet | | | | | |
| CM (Coal Bed Methane) | If Alternate II completion, cement circulated from: | | | | | |
| Cathodic Other (Core, Expl., etc.): | feet depth to:w/sx cmt. | | | | | |
| If Workover/Re-entry: Old Well Info as follows: | sx cmi. | | | | | |
| Operator: Anadarko Petroleum Corporation | | | | | | |
| Well Name: Hill A #2 | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) | | | | | |
| Original Comp. Date: 05/07/2010 Original Total Depth: 3640 | • | | | | | |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD | Chloride content: 3700 ppm Fluid volume: 95 bbls | | | | | |
| Conv. to GSW | Dewatering method used: Haul Off Pit | | | | | |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: | | | | | |
| ✓ Commingled Permit #: | Operator Name:Anadarko Petroleum Corporation | | | | | |
| Dual Completion Permit #: | | | | | | |
| SWD Permit #: | Lease Name: Keefer A 1 License #: 4549 | | | | | |
| ENHR Permit #: | Quarter SW Sec. 13 Twp. 32 S. R. 38 East West | | | | | |
| GSW Permit #: | County: Stevens Permit #: D17157 | | | | | |
| 12/13/2010 12/16/2010 | | | | | | |
| Spud Date or Date Reached TD Completion Date or 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: Deanne Garrison Date: 02/10/2011 |) | | | | | | |

Side Two



| Operator Name: Anadarko Petroleum Corporation | | | | | Lease N | Lease Name: Hill A | | | . Well #:2 | 2 | | |
|---|--|---------------------------|------------------------------|--------------------------------------|--------------------------|--|--------------------------------|---------------------------------|-----------------|-------------|----------------------------------|--|
| Sec. 16 Twp. 34 | <u>1</u> s. R. | <u>41</u> | East West County: | | | | | | | | | |
| INSTRUCTIONS: S time tool open and c recovery, and flow ra line Logs surveyed. | losed, flowing tes if gas to s | g and shut surface tes | i-in press st, along | ures, whether s with final chart(| hut-in press | sure rea | iched static level. | hydrostatic press | ures hotton | n hole tem | nerature fluid | |
| Drill Stem Tests Taken Yes (Attach Additional Sheets) | | | | es 🗸 No | √ Log Fo | | | ormation (Top), Depth and Datum | | | Sample | |
| Samples Sent to Geological Survey | | | V | ′es ∏No | | Nan | | | Тор | | Datum | |
| Cores Taken | | | Y | ☐ Yes ☑ No | | | Glorieta Stone Corral | | 1223 1488 | | Shawnee - 3116 -ansing - 3417 | |
| Electric Log Run Electric Log Submitted Electronically | | | | Yes ✓ No | | | Chase | | 2177 | | analing - 3417 | |
| (If no, Submit Cop | | ully | '' لــا | ☐ Yes ☑ No | | Council Grove | | | 2481 | | | |
| List All E. Logs Run: | | | | | | Waba | unsee | 2887 | | | | |
| Neutron CBL | | | | | | | | | | | | |
| | ****** | | | | | | | | | | | |
| | | | Repo | | RECORD conductor, sur | ✓ No | ew Used ermediate, producti | on etc | | | | |
| Purpose of String | Size Dril | | Size Casing Set (In O.D.) | | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | | and Percent Additives | |
| Surface | 12.25 | | 8.625 | | 24 | • | 643 | Standard | 475 | | 2% 2% CC | |
| Production 7.875 | | | 5.500 | | 14 | | 3630 | Midcon 50/50 | 515 | .5 Hal | .5 Halad | |
| | | | | | | * | | | | | | |
| | | | | ADDITIONAL | CEMENTIN | IG / SQL | JEEZE RECORD | | | | | |
| Purpose: —— Perforate —— Protect Casing | | pth ottom | Туре | of Cement | nent # Sacks Used | | Type and Percent Additives | | | | | |
| Plug Back TD Plug Off Zone | - | | | | | | | | | | | |
| Shots Per Foot | PE | RFORATIO | N RECOR | RD - Bridge Plugs | s Set/Type | | Acid, Frac | sture, Shot, Cement | Squeeze Rec | ord | | |
| 3 | Specify Footage of Each Interval Perforated (Amount and Kind of Material | | | | | | | | erial Used) | | Depth | |
| 3 3117-24, 3155-58, 3175-87 3 2887-94,2898-2904,2907-12,2925-30 | | | | | | | 4650 Gals 15 | 5% FE HCL 5% Acid & 25,00 |)O#e | | 3117-3187 2887-2930 | |
| | | | | | | | 16/30 Sand | 27071010 00 20,000 | 50113 | 2007-2930 | | |
| | | | | | | | | | | | | |
| TUBING RECORD: | Size: | | Set At: | | Packer At: | | Liner Run: | | | | | |
| | 2 375 | | 3199 | | . Donot At. | | ; , | Yes ✓ No | | | | |
| Date of First, Resumed 12/16/2010 | Production, S | ND or ENH | R. | Producing Method | od: Pumping | | Gas Lift 🔲 O | ther (Explain) | 7011 | | | |
| Estimated Production Per 24 Hours | | Oil BI | ols. | Gas 1 | Vicf | Wate | er Bb | ls. Ga | as-Oil Ratio | | Gravity | |
| DISDOSITIO | ON OE GAS: | 71.4 | T | | CTUCE CT | 201:5: | | | | | | |
| DISPOSITION OF GAS: MI Vented Sold Used on Lease Open Hole | | | | | | OF COMPLETION: PRODUCTION INTERVAL: Dually Comp. Commingled 2887 - 2930 | | | | | VAL: | |
| (If vented, Sut | Other (Specify) | | (Submit A | | nit ACO-4) | 17 - 2 <u>930</u> 17 - 3187 | | | | | | |