



KANSAS CORPORATION COMMISSION 1073514
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 # 4549
Name: Anadarko Petroleum Corporation
Address 1: PO Box 1330
Address 2: _____
City: HOUSTON State: TX Zip: 77251 + 1300
Contact Person: Joyce Martens
Phone: (832) 636-7978
CONTRACTOR: License # 34547
Name: JV Energy Services, Inc.
Wellsite Geologist: Kenny Parks
Purchaser: Anadarko Energy Services

Designate Type of Completion:

- New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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: Anadarko Petroleum Corporation
Well Name: McClure A

Original Comp. Date: 02/22/1999 Original Total Depth: 4427

- 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 #: _____

12/21/2011 12/21/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-189-22262-01-02

Spot Description: _____

NW NW SE NE Sec. 16 Twp. 32 S. R. 38 East West
1600 Feet from North / South Line of Section
1250 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Stevens

Lease Name: McClure A Well #: 4

Field Name: Hugoton

Producing Formation: Chase

Elevation: Ground: 3191 Kelly Bushing: 3203

Total Depth: 4427 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1754 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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 Gerriso Date: 02/08/2012



1073514

Operator Name: Anadarko Petroleum Corporation Lease Name: McClure A Well #: 4
 Sec. 16 Twp. 32 S. R. 38 East West County: Stevens

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Base Stone Corral</td> <td>1772</td> <td></td> </tr> <tr> <td>Wellington</td> <td>2198</td> <td></td> </tr> <tr> <td>Chase</td> <td>2528</td> <td></td> </tr> <tr> <td>Herrington</td> <td>2554</td> <td></td> </tr> <tr> <td>Kreider</td> <td>2598</td> <td></td> </tr> <tr> <td>Towanda</td> <td>2834</td> <td></td> </tr> </tbody> </table> | Name | Top | Datum | Base Stone Corral | 1772 | | Wellington | 2198 | | Chase | 2528 | | Herrington | 2554 | | Kreider | 2598 | | Towanda | 2834 | |
|--|---|-------|-----|-------|-------------------|------|--|------------|------|--|-------|------|--|------------|------|--|---------|------|--|---------|------|--|
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | |
| Base Stone Corral | 1772 | | | | | | | | | | | | | | | | | | | | | |
| Wellington | 2198 | | | | | | | | | | | | | | | | | | | | | |
| Chase | 2528 | | | | | | | | | | | | | | | | | | | | | |
| Herrington | 2554 | | | | | | | | | | | | | | | | | | | | | |
| Kreider | 2598 | | | | | | | | | | | | | | | | | | | | | |
| Towanda | 2834 | | | | | | | | | | | | | | | | | | | | | |

| CASING RECORD <input type="checkbox"/> New <input checked="" 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 | 9.625 | 32.3 | 1754 | P+ Midcon 2/P+ | 490 | 3%CC, 1/4#sk flic |
| Intermediate | 7.875 | 7.000 | 23.0 | 2897 | P+ Midcon 2/cl I- | 380 | .1%fwca 8% halad |
| | | | | | | | |

| 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 <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| 0 | Frac Sleeve | 135,996 gals 25# xl lg & 300,000# 12/20 brady snd | 4078 |
| 0 | Frac Sleeve | 132,468 gals 25# xl lg & 300,000# 12/20 brady snd | 3327 |
| | | | |
| | | | |

| | | | | |
|--|-----------------------|--|-------------------------|--|
| TUBING RECORD: | Size: <u>2 3/8</u> | Set At: <u>2928</u> | Packer At: | Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. <u>12/26/2011</u> | | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | |
| Estimated Production Per 24 Hours | Oil Bbls. <u>0</u> | Gas Mcf <u>116</u> | Water Bbls. <u>0</u> | Gas-Oil Ratio |
| | | | | Gravity |

| | | |
|--|--|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: <u>2936' - 3665'</u> <u>3677' - 4298'</u> |
|--|--|--|