

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

*Handwritten:* KCC  
MAY 30 2008

Operator: License # 6120  
 Name: Cabot Oil & Gas Corporation  
 Address: 600 17th Street, Suite 900N  
 City/State/Zip: Denver, CO 80202  
 Purchaser: Duke Energy Field Services  
 Operator Contact Person: Jean Arnold - Prod. Tech.  
 Phone: (303) 226-9443  
 Contractor: Name: \_\_\_\_\_  
 License: \_\_\_\_\_  
 Wellsite Geologist: \_\_\_\_\_  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
 If Workover/Re-entry: Old Well Info as follows:  
 Operator: Cabot Oil & Gas Corporation, 600 17th St., Ste.. 900N Denver, CO 80202  
 Well Name: Adamson 5-11  
 Original Comp. Date: 6-7-96 Original Total Depth: 6,495'  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
 Spud 5/14/96 / 2-21-08 original TD 5-25-96 Recompleted 2-21-08  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No. 15 - 175-21536-0001  
 County: Seward  
 C N2 SW SW Sec. 11 Twp. 34 S. R. 34  East  West  
990' FSL feet from S / N (circle one) Line of Section  
660' FWL feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Adamson Well #: 5-11  
 Field Name: Adamson  
 Producing Formation: Chester Lime & Morrow  
 Elevation: Ground: 2,911' Kelly Bushing: 2,913'  
 Total Depth: 6,495' Plug Back Total Depth: 6,464'  
 Amount of Surface Pipe Set and Cemented at set @ 1,356 600 sx Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set N/A Feet  
 If Alternate II completion, cement circulated from N/A  
 feet depth to \_\_\_\_\_ sx cmt.

*Handwritten:* WO-Dlg. 7/11/08

**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 No.: N/A  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]  
 Title: Production Tech. Date: 5-22-08  
 Subscribed and sworn to before me this 22nd day of May,  
 2008.  
 Notary Public: [Signature]  
 Date Commission Expires: 12-3-08

**MONICA JAMISON**  
 NOTARY PUBLIC  
 STATE OF COLORADO

My Commission Expires 12/03/2008

**KCC Office Use ONLY**

N Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 MAY 29 2008

CONSERVATION DIVISION  
 WICHITA, KS

Operator Name: Cabot Oil & Gas Corporation Lease Name: Adamson Well #: 5-11  
 Sec. 11 Twp. 34 S. R. 34  East  West County: Seward

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

|   |   |  |                                 |
|---|---|--|---------------------------------|
| Drill Stem Tests Taken<br><i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name   | Top Datum                       |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <u>Morrow Unconformity</u>   | 5,806' 2,924' KB                |
| Electric Log Run<br><i>(Submit Copy)</i>                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Lower Morrow Sand  | 6,031'                          |
| List All E. Logs Run:                                       |   | Chester Lime   | 6,101'                          |
|   |   | Lower Chester Shale  | 6,171'                          |
|   |   | Lower Chester Sand   | 6,369'                          |

No logs run on recompletion

| 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   | 12-1/4"           | 8-5/8"                    | 23#, J55 ST&C     | 1,356'        | 65:35:6 Poz    | 600          | 2% CC+1/4#SX Flo-seal      |
|   |                   |                           |                   |               | Class C        |              | 2% CC                      |
| Production  | 7-7/8"            | 4-1/2"                    | 10.5#, J55        | 6,495'        | Class C        | 200          |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD   |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:                                | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate      |                  |                |             |                            |
| <input type="checkbox"/> Protect Casing |                  |                |             |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |             |                            |
| <input type="checkbox"/> Plug Off Zone  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 2 SPF          | Lower Morrow: 6,066'-6,072'   | Frac w/457 bbls fluid & 65 Q N2 foam+ 51,500 20/40 Ottawa sd                      |       |
| 2 SPF          | Chester Lime: 6,147'-6,153'   | Acidized w/5000 gals NEFE HCL acid  |       |
|                | CIBP @ 6,300' 1 sx on top CIBP  |   |       |

|   |                |   |                   |                                 |  |
|---|----------------|---|-------------------|---------------------------------|--|
| TUBING RECORD   |                | Size<br>2-3/8"  | Set At<br>6,234'  | Packer At                       | Liner Run<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerg Production, SWD or Enhr.<br><u>2-14-08</u> <u>2/21/08</u> |                | Producing Method<br><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.<br>0 | Gas Mcf<br>20   | Water Bbls.<br>13 | Gas-Oil Ratio<br>not applicable | Gravity  |

|   |   |                     |
|---|---|---------------------|
| Disposition of Gas  | METHOD OF COMPLETION  | Production Interval |
| <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled<br><input type="checkbox"/> Other (Specify) |                     |

*see per telecon 6/2/08*

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 KANSAS CORPORATION COMMISSION  
**MAY 29 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

WELL DATA SHEET

Last Update: 2-22-08

Lease Name: Adamson #5-11  
990's/660'w  
Location: C-N/2-SW-SW, Sec 11, T-34S, R-34W

API No: 15-175-21536  
County: Seward ST: Ks

Spud Date: 5-14-96 Well Elev: 2911' GL 13' KB

TD Date: 5-25-96 Completion Date: 6-7-96

TD: 6495' PBD: 6404' TOC: 5702' CDL

Casing

Size: 8-5/8"

Wt: 23#

Grd: \_\_\_\_\_

Dpth: 1356'

Cmt: 600 SK  
(Circ)

Producing Formation: Chester

Perfs: From 6376 to 88' 1/spf \_\_\_\_\_ to \_\_\_\_\_

6398 to 6404' 1/spf \_\_\_\_\_ to \_\_\_\_\_

IP: 4 BOPD 48 BWPD 165 MCF/D PMP

Well History:

6-4-96: Perf (Chester): 6376-88', 6398'-6404' w/1 spf.  
Acid w/1500 gals 7 1/2% HCl. 500pm/1100psi. Swab Flow. 507 mcf  
Frac w/51,500# 20/40 in 65Q M2 frac. dc. cjs. 2080pm/2200psi.  
TFFe 6446: REH 2 3/8" tbg. 203 jts w/1 MA 6364'. ST w/OPK  
8-8-96: 1 1/2" subq. SITP-897pm. SICP=976psi. Pried in 5 min.  
8-9-96: Swab. Rec 177 RF in 3 days. FL 3800'-5200'. TFFe 6437' CO-6464'.  
8-13-96: Ren Tbg, rods, pmp. SN-6418'. Install 1 1/4" pmp.  
Set Cabot 160 PV. RTP. Test: 4/48/165.  
10-1-96: Pmp chg. PT tbg-300psi.  
9-7-98: Pmp chg (1 1/4"). PT tbg-500psi  
12-11-03: Pull PE. Rnsd. pmp. / Pmp chg (1 1/4")  
12-15-03: Nur pmp. Swab. Rec 15 Pw. FL 5700-6000' / Pmp chg (1 1/4")  
10-20-04: Pmp chg. (1 1/4"). PT tbg-500psi.  
5-1-06: Pmp chg (1 1/4"). PT tbg-500psi.  
6-13-06: Repair wellhead. / Pmp chg (1 1/4").  
5-31-07: Pmp chg (1 1/4"). PT tbg-500psi.  
2-7-08: Pull pmp. Droach tbg. Acid w/500 gals 15% HCl for scale in tbg.  
2-8-08: Pull tbg. Set CTRP 6300' w/1 sk cmt.  
Perf (Chester Lm): 6147-53' w/2 spf. Frac w/5000 gals 15% HCl +  
10,000 gals 4 1/2% KCl. 2080pm / 2100psi. TFFe-896psi. Set FTDP 6100'.  
Perf (Morrow): 6066-72' w/2 spf. Frac w/30,000# 20/40sd  
in 50Q M2 Delta frac. 1580pm / 2250psi. TFFe-2068psi. Flow back.  
2-11-08: TFFe 6066. Dosed plus to 6290'. Set well.  
2-12-08: REH w/ prod tbg & pmp/rods (1 1/8"). RTP 213-08

Well Equipment:

AC16D-1600 SPM # 39,44  
Pumping Unit: Cabot 160-1169-64 SL-64" 54,64

Size: 4 1/2"

Wt: 10.5#

Grd: J-55

Dpth: 6495'

Cmt: 200 SK

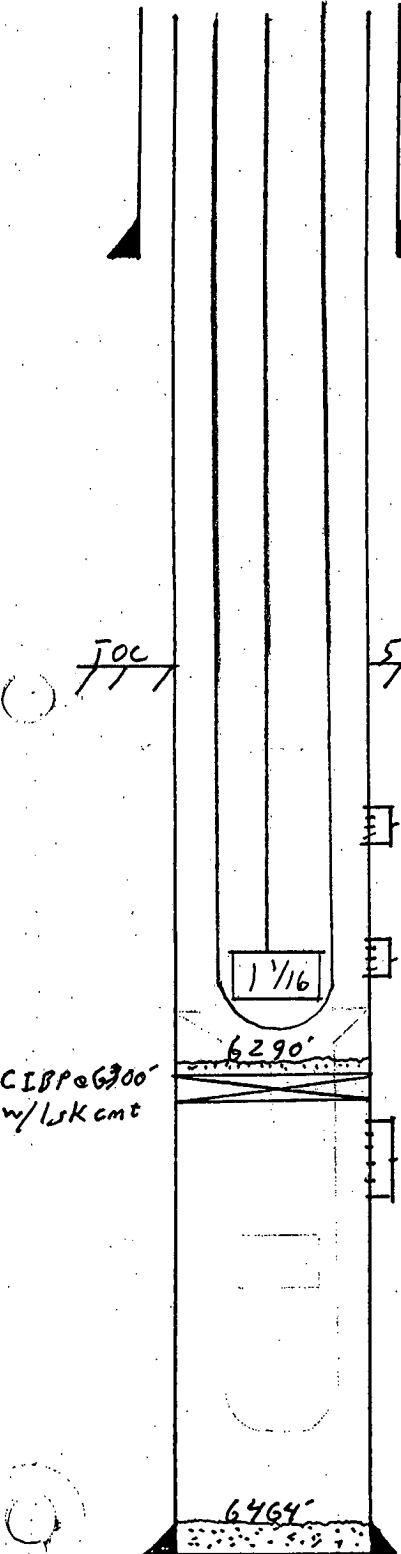
Motor Type: Cont'ic-96 HP: \_\_\_\_\_ POC: \_\_\_\_\_

Tbg: 198 Jts 2 3/8" Size 4.7# Grade J-55

MA @ 6234' SN @ 6209' TAC @ 5957' (2-12-08)

Rods: 108 3/4" D + 113'-5/8" D + 24-3/4" D

Pump: 2" x 1 1/8" x 16" R4HC (2-12-08)



CIRP 6300' w/1 sk cmt

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