

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: Zenith Drilling Corp. Rig #1, PH#: 316-684-9777  
License: 5141  
Wellsite Geologist: None

API No. 15 - 175-21928-00-00  
County: Seward  
SE SE NW NW Sec. 11 Twp. 34 S. R. 34  East  West  
1250' feet from S /  (circle one) Line of Section  
1250' feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  NW SW  
Lease Name: Adamson Well #: 7-11  
Field Name: Hugoton

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp.  d.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic)

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If Workover/Re-entry: Old Well Info as follows:  
Operator: N/A  
Well Name: N/A  
Original Comp. Date: N/A Original Total Depth: N/A

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. \_\_\_\_\_

<u>4/12/04</u>	<u>4/15/04</u>	<u>5/14/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Producing Formation: Chase Group  
Elevation: Ground: 2914' Kelly Bushing: 2924'  
Total Depth: 2930' Plug Back Total Depth: 2870'  
Amount of Surface Pipe Set and Cemented at 746 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 \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT#1 KJR 6/6/07  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume 2000 bbls  
Dewatering method used Evaporation and dry out

Location of fluid disposal if hauled offsite:  
Operator Name: N/A  
Lease Name: N/A 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: Jean Arnold  
Title: Production Tech. Date: 6/02/04

Subscribed and sworn to before me this 2nd day of June,  
20 04.

Notary Public: Kathryn B. Flager

Date Commission Expires: \_\_\_\_\_

**KATHRYN B. FLAGER**  
NOTARY PUBLIC  
STATE OF COLORADO

My Commission Expires 11/12/2007

**KCC Office Use ONLY**  
NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

X

Operator Name: Cabot Oil & Gas Corporation Lease Name: Adamson Well #: 7-11  
 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 <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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>GR/CCL</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Herrington</td> <td>2,641'</td> <td>2,924' KB</td> </tr> <tr> <td>Upper Krider</td> <td>2,667'</td> <td>2,924' KB</td> </tr> <tr> <td>Lower Krider</td> <td>2,700'</td> <td>2,924' KB</td> </tr> <tr> <td>Winfield</td> <td>2,751'</td> <td>2,924' KB</td> </tr> <tr> <td>Ft. Riley</td> <td>2,810'</td> <td>2,924' KB</td> </tr> </table>	Name	Top	Datum	Herrington	2,641'	2,924' KB	Upper Krider	2,667'	2,924' KB	Lower Krider	2,700'	2,924' KB	Winfield	2,751'	2,924' KB	Ft. Riley	2,810'	2,924' KB
Name	Top	Datum																	
Herrington	2,641'	2,924' KB																	
Upper Krider	2,667'	2,924' KB																	
Lower Krider	2,700'	2,924' KB																	
Winfield	2,751'	2,924' KB																	
Ft. Riley	2,810'	2,924' KB																	

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"	24#, J-55 ST&C	746'	A Serv Lite	240	3% cc+1/4#/SX CF 12.2 slurry
					Common	160 Total=400	2% cc+1/4#/sx CF 14.8# slurry
Production	7-7/8"	4-1/2"	10.5#, J-55 ST&C	2,924'	A Serv Lite, 50:50 Poz	310+175=485	See attached csg record

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				

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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)	
		Amount	Depth
2	Winfield: 2754' to 2764' (20 holes)	Total Job: 37 bbls 15% HCl, flushed w/44 bbls 2% KCL wtr	
2	Winfield: 2768' - 2778'	Total Job: 38 bbls 15% HCl w/60-7/8" 1.3 SG ball sealers	
		Displaced with 44 bbls 2% KCL	
2	Herrington 2641'-2660', Upper Krider / 2667' - 2680', Lower Krider / 2708' - 2734'	Total Job: 8700 gal 15% HCl w/150 1.1 SG ball sealers	
		with 36 bbls 2% KCl wtr.	

TUBING RECORD		Size <b>2-3/8"</b>	Set At <b>2,836'</b>	Packer At <b>None</b>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>5-25-04</b>		Producing Method <input checked="" 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
	<b>0</b>	<b>33 MCFD</b>	<b>0 BW</b>	<b>None</b>	<b>.7239</b>

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

Casing Record Continued



**Adamson #7-11**  
**1250' FNL & 1250' FWL**  
**SE SE NW NW Sec. 11-T34S-R34W**  
**Seward County, KS**  
**API# 15-175-21928-00-00**

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Purpose of String	Size Hole Drl'd	Size Csg. Set	Weight Lbs/Ft.	Setting Depth	Type of Cement	# Sacks Used	Type & Percent Additives
Surface	12-1/4"	8-5/8"	24#, J-55 ST&C	746'	A-Serv Lite	240	+3%CaCl2 + 1/4#/sx Celloflake, 12.2 slurry, 2.18 yield.
"	"	"	"	"	Common	160	2% CaCl2 + 1/4#/sx Celloflake, 14.8# slurry, 1.37 yield.
						<b>400 Total</b>	
Production	7-7/8"	4-1/2"	10.5# J-55 ST&C	2,924'	A-Serv Lite	310	3% CaCl2 + 1/4#/sx Celloflake
"	"	"	"	"	50:50 Poz	175	5% Calset +5# gilsonite, 3% KCl + .4% Fla-322+2% gel+1/4#/sx celloflake + .3% gas block. Displaced w/ 46 bbls 2% KCl water.
						<b>485 Total</b>	



INVOICE NO.

FIELD ORDER 8281

Subject to Correction

Date 4.13.04

Lease ADAMSON

Well # 7-11

Legal 11-345-34W

Customer ID

County SEWARD

State KS

Station PRATT

CHARGE

CABOT OIL & GAS

Depth 24 1/2 FT

Formation

Shoe Joint 43.40 ESPV

Casing 8 5/8

Casing Depth 746'

TD 746'

Job Type 8 5/8 Surface NEW WELL

Customer Representative JOSH WHEELER

Treater T-SE3A

AFE Number

PO Number

Materials Received by X Josh Wheeler

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-200	160 SKS	Common	✓			
D-206	240 SKS	A-SERV-LITE	✓			
C-310	929 lbs	Calcium Chloride	✓			
C-194	90 lbs	CELLULOSE	✓			
F-145	1 EA	TOP Rubber Plug 8 5/8	✓			
E-100	10 mt	HEAVY VEH MT				
E-101	10 mt	P.U. MT				
E-104	180 TM	Bulk DELIVERY				
E-107	400 SKS	CMT SERV. CHARGE				
R-202	1 EA	Pump CHARGE				
R-701	1 EA	CMT HEAD RENTAL				
		DISCOUNTED PRICE =		4,774.46		
		+ TAXES				

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# TREATMENT REPORT

Customer ID		Date	
Customer CABOT OIL & GAS		4-13-04	
Lease ADAMSON		Lease No.	Well # 7-11
Field Order # 8201	Station PRATT	Casing 8 5/8	Depth 746
Type Job 8 5/8 Surface New Well		Formation TD=746	County SEWARD State KS
Legal Description 11-345-34W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft	LEAD	Acid 240 SK A-SERV 1ITE	RATE	PRESS	ISIP	
Depth 746	Depth	From	To	Pre Pad 39% CC 1/4" C.F.	Max		5 Min.	
Volume 44.68	Volume	From	To	Pad 12.2 1/2 GAL 2.18 FT	Min		10 Min.	
Max Press 1000	Max Press	From	To TAIL	Frac 160 SK Comm	Avg		15 Min.	
Well Connection P.C	Annulus Vol.	From	To	210 CC 1/4" C.F.	HHP Used		Annulus Pressure	
Plug Depth 702.60	Packer Depth	From	To	Flush 14.8 1/2 GAL 1.37 FT	Gas Volume		Total Load	

Customer Representative Josh WHEELER	Station Manager D. AUSTIN	Treater T. SEBA		
Service Units	114	26	35	76

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					Called out
3:00					DN Loc w/ TRK'S! SAFETY MTG
					Run 18 ITs 24" 8 5/8 CSG @ 746'
					Comp P.E. ISPV 1 IT = 43.40
3:20					CSG ON BOTTOM! DROP BALL
3:35					Hook up to CSG! BREAK CABLE W/ RES
4:00	150		10		START PUMPING H <sub>2</sub> O
			85.42		START MIX! Pump 240 SK A-SERV @ 12.2 1/2 gal
			47.58		START MIX! Pump 160 SK Comm @ 14.8 1/2 gal
4:30					SHUT DOWN RELEASE PLUG
4:32	100			5	START DISP.
4:40	750		4.5	3	Plug down
					RELEASE! HOLD
					GOOD CIRC THEN JO3
					CIRC 25 SK TO BIT
5:30					JO3 COMPLETE
					THANKS
					TBOO



INVOICE NO.		Subject to Correction		<b>FIELD ORDER 7568</b>	
Date 4-15-04	Lease ADAMSON	Well # 7-11	Legal 11-345-34w		
Customer ID	County SEWARD	State KS	Station LIBERAL		
Depth 2924		Formation		Shoe Joint 45	
Casing 4 1/2		Casing Depth 2926	TD 2930	Job Type 4 1/2 Longstring (NW)	
Customer Representative JOSH WHEELER			Treasurer Shaun Frederick		

CHARGE

CABOT OIL & GAS

(ZENITH #1)

AFE Number	PO Number	Materials Received by X <i>Daryl A. Kordula</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D104	175 sk	50/50 Poz (Premium)				
D206	310 sk	A.SERV Lite (Common)				
C321	875 lb	Gibsonite				
C311	735 lb	CAL SET				
C140	291 lb	KCL				
C195	59 lb	FLA-322				
C310	810 lb	CALCIUM CHLORIDE				
C194	122 lb	CELL FLAKE				
C312	45 lb	GAS BLOK				
F142	1 ea	TOP RUBBER PLUG				
C302	250 gal	MUD FLUSH				
R701	1 ea	CMT HEAD RENTAL				
E107	485 sk	CMT SERVICE CHARGE				
E101	10 mi	P.U. Mileage				
E100	10 mi	UNITS 1 MILES 1/way				
E104	209 TM	TONS 21 MILES 10				
R206	1 ea	EA. 4 hrs PUMP CHARGE				
Discounted TOTAL						6,920.17
PLUS TAX						

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**TREATMENT REPORT**



Customer ID		Date 4-15-04	
Customer CABOT OIL + GAS			
Lease ADAMSON		Lease No.	Well # 7-11
Field Order # 7568	Station LIBERAL	Casing 4 1/2	Depth 2924
Type Job 4 1/2 Longstring (NW)		County SEWARD	State KS
		Formation	Legal Description 11-345-34W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
4 1/2				30 SA A SERV LITE				5 Min.
Depth 2924	Depth	From	To	Pre-Pack 175 SA 50/50 Pbz		Max		10 Min.
Volume 46	Volume	From	To	Post 250 gal MUD FLUSH		Min		15 Min.
Max Press 1500	Max Press	From	To	Frac		Avg		
Well Connection P.C.	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush WELL WATER		Gas Volume		Total Load

Customer Representative JASH Wheeler	Station Manager Dirk MORRIS	Treater Sharon FREDERICK
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Service Units	108	38	70	34	71	57	45
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1730					ON LOCATION / RIG Pulling Collars
1735					PRE-JOB SAFETY MEETING
1740					RIG up PIT.
1830					D.P. OUT OF HOLE / RIG up CASER
1900					START IN W/ CASING / F.E.
2010					CASING ON BOTTOM / Hook up P.C
2015					BREAK CIR w/ RIG
2105					Through CIR / Hook Lines to P.T.
2115	400		5	8	Pump 5 BBLS WATER spacer
2116	400		6	8	Pump 250 gal MUD FLUSH
2117	375		5	8	Pump 5 BBLS WATER SPACER
2118	325		120.5	7	Pump 30 SA A SERV LITE @ 12.2"
2140	150		45.5	5	Pump 175 SA 50/50 Pbz Prem @ 13.8"
2148					SHUT DOWN / clear Lines / Drop PLUG
2153	100		46	5	Pump Disp
2155	600		(20 in)	5	OMT TO Pit / 25 BBLS
2157	800			2.5	SLOW RATE
2200	1500			2.5	LAND PLUG
2201					Release FLOAT - HELD
2205					WASH Lines to Pit
2300					JOB complete

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