

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

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 Corporation PH#: 316-684-9777
License: 5141
Wellsite Geologist: None

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

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. _____

3/1/04 3/5/04 3/17/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 175-21919-00-00
County: Seward
NW NW SE SE Sec. 13 Twp. 34 S. R. 34 East West
1250' FSL feet from S / N (circle one) Line of Section
1320' FEL feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Lord Well #: 2-13

Field Name: Hugoton
Producing Formation: Chase Group
Elevation: Ground: 2898' Kelly Bushing: 2908'
Total Depth: 2,905' Plug Back Total Depth: 2856'
Amount of Surface Pipe Set and Cemented at 730 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
(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: 4/16/04

Subscribed and sworn to before me this 16th day of April

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



Operator Name: Cabot Oil & Gas Corporation Lease Name: Lord Well #: 2-13
 Sec. 13 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: CBL/GR/CCL, Compact Photo Density CNL Array Induction Shallow Focused Micro-Resistivity Log	<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>2615</td> <td>KB 2908</td> </tr> <tr> <td>Upper Krider</td> <td>2646</td> <td>KB 2908</td> </tr> <tr> <td>Lower Krider</td> <td>2680</td> <td>KB 2908</td> </tr> <tr> <td>Winfield</td> <td>2733</td> <td>KB 2908</td> </tr> <tr> <td>Ft. Riley</td> <td>2796</td> <td>KB 2908</td> </tr> </table>	Name	Top	Datum	Herrington	2615	KB 2908	Upper Krider	2646	KB 2908	Lower Krider	2680	KB 2908	Winfield	2733	KB 2908	Ft. Riley	2796	KB 2908
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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	730'	65:35 Poz Class C	595 total	See attached csg record
Production	7-7/8"	4-1/2"	10.5#, J-55 ST&C	2,905'	Cis A Lite, 50/50 Poz	460 total	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				

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
2	Herrington 2,616'-2622'	Total Job: 335 bbls 15% HCl+ 150 ball sealers 1.3 SG	
2	Upper Krider 2,650'-2,658'	Flushed w/45 bbls 2% KCl water.	
2	Lower Krider 2,682'-2,708'		
2	Lower Krider 2,710'-2,722'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2826'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 4-15-04	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	271 MCFD	15	None	.7330

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