

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

ORIGINAL

Operator: License # 32621
Name: Key Production Co., Inc.
Address: 15 W 5th, Ste 1000
City/State/Zip: Tulsa, OK 74103
Purchaser: Duke Energy
Operator Contact Person: Michelle Farrell
Phone: (918) 585-1100
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: None

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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: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 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>9/15/03</u>	<u>9/17/03</u>	<u>10/24/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

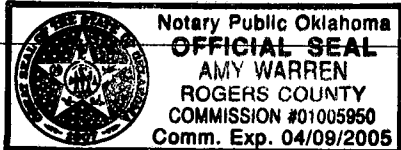
API No. 15 - 071.20765.00.00
County: Greeley
_____ NW Sec. 35 Twp. 17 S. R. 40 East West
1320 feet from S / (circle one) Line of Section
1250 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Gibson Well #: 3
Field Name: Byerly
Producing Formation: Towanda, U Ft Riley
Elevation: Ground: 3598' Kelly Bushing: 3603'
Total Depth: 3130' Plug Back Total Depth: 30863'
Amount of Surface Pipe Set and Cemented at 285 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 3130
feet depth to Surface w/ 430 sx cmt.

Drilling Fluid Management Plan ALT #2 KJR 6/11/07
(Data must be collected from the Reserve Pit)
Chloride content est 2000 ppm Fluid volume est 1000 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
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: Michelle Farrell
Title: Drilling Tech Date: 1/17/04
Subscribed and sworn to before me this 20th day of January,
04
Notary Public: Amy Warren
Date Commission Expires: _____



KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: Key Production Co., Inc. Lease Name: Gibson Well #: 3
 Sec. 35 Twp. 17 S. R. 40 East West County: Greeley

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: Gamma Ray Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> RECEIVED JAN 22 2004 KCC WICHITA </div>
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CASING RECORD <input 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#	285'	Common	195	3% cc, 2% gel
Production	7 5/8"	5 1/2"	14#	3129'	Class C	430	2% caC12

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 (Amount and Kind of Material Used)	Depth
4	2908'-2938'; 2946'-2960'	13298 gals WF-125, 9957 lbs 16/30 sand	Interval

TUBING RECORD		Size <u>2 3/8"</u>	Set At <u>2901'</u>	Packer At <u>2901'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>10/23/03</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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		<u>142</u>	<u>10</u>		

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

DRILLER'S LOG

ORIGINAL

CIMAREX ENERGY COMPANY
GIBSON #3
SECTION 35-T17S-R40W
GREELEY COUNTY, KANSAS

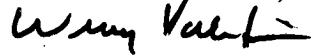
COMMENCED: 09-15-03
COMPLETED: 09-17-03

SURFACE CASING: 281' OF 8 5/8" CMTD
W/195 SKS COMM + 3% CC + 2% GEL.

FORMATION	DEPTH
SURFACE HOLE	0- 284
SANDSTONE & CLAY	284 - 1306
RED BED	1306 - 2772
LIMESTONE & SHALE	2772 - 3130 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

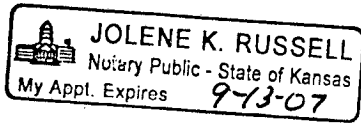
CHEYENNE DRILLING, INC.

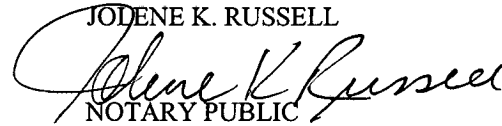


WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18TH DAY OF SEPTEMBER, 2003.



JOLENE K. RUSSELL

NOTARY PUBLIC

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JAN 22 2004
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ALLIED CEMENTING CO., INC. 14208

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT

ORIGINAL

DATE <u>9/15/07</u>	SEC. <u>35</u>	TWP. <u>17s</u>	RANGE <u>40N</u>	CALLED OUT	ON LOCATION <u>3:30 PM</u>	JOB START <u>9:45 AM</u>	JOB FINISH <u>5:05 PM</u>
LEASE <u>Gibson</u>	WELL # <u>3</u>	LOCATION <u>Tribune 4N 2 1/2 E S1/2</u>		COUNTY <u>Creeley</u>	STATE <u>Ks</u>		

Drilling, Inc.
XXXXXXXXXXXXXXXXXXXX

CONTRACTOR Drilling, Inc.

TYPE OF JOB Surface Csg

HOLE SIZE 17 1/2 T.D. 284

CASING SIZE 17 1/2 DEPTH 285

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 150 MINIMUM 50

MEAS. LINE _____ SHOE JOINT 30

CEMENT LEFT IN CSG. 30

PERFS. _____

DISPLACEMENT 16 1/2 BBL

OWNER Cimarex Energy Corp.

CEMENT AMOUNT ORDERED 195 ccm + 370 cc 290 gal

COMMON	<u>195 SKS</u>	@ <u>8.35</u>	<u>1628.25</u>
POZMIX		@	
GEL	<u>4 SKS</u>	@ <u>10.00</u>	<u>40.00</u>
CHLORIDE	<u>7 SKS</u>	@ <u>30.00</u>	<u>210.00</u>
		@	
		@	
		@	
		@	
HANDLING	<u>195 SKS</u>	@ <u>1.15</u>	<u>224.25</u>
MILEAGE	<u>54</u>	@ <u>pro salar</u>	<u>731.25</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max

191 HELPER Walt

BULK TRUCK

218 DRIVER Lenny

BULK TRUCK

_____ DRIVER _____

RECEIVED

TOTAL 2933.75

JAN 22 2004

SERVICE

KCC WICHITA

REMARKS:

Cont 8 1/2 Surface Csg With 195
SKS Cont Displac - 16 1/2 BBL
Close in Csg Cement Did
Circulate

DEPTH OF JOB 285 FT

PUMP TRUCK CHARGE 570.00

EXTRA FOOTAGE @ _____

MILEAGE 75 miles @ 3.50 262.50

PLUG @ _____

TOTAL 2933.75

Schlumberger

Cementing Service Report

ORIGINAL

Customer: CIMAREX ENERGY CO.						Job Number: 2205543839					
Well: Gibson 3			Location (Regal): Sec 35 - T17S - R40W		Schlumberger Location: Perryton, TX		Job Start: 2003-Sep-17				
Field: Greely		Formation Name/Type: KS		Deviation: 7.88 In	Dr. Size: 3,130 ft	Well TVD: 3,130 ft					
County: Greely		State/Province: KS		BHP: psi	BHST: °F	BHCT: °F	Pore Press. Gradient: psi/ft				
Well Master: 0630531255		API / UWI: 071-20785-0000		Casing/Liner							
Rig Name: CHEYENNE 8		Drilled For: Oil	Service Via: Land		Depth: 3129	Size: 5.5	Weight: 14	Grade: J55	Thread: STC		
Offshore Zone:		Well Class: New	Well Type: Development		Tubing/Drill Pipe						
Drilling Fluid Type:		Max. Density: lb/gal	Plastic Viscosity: cp		Depth:	Size: in	Weight: lb/ft	Grade:	Thread:		
Service Line: Cementing		Job Type: Cem Prod Casing			Perforations/Open Hole						
Max. Allowed Tubing Pressure: 2500 psi		Max. Allowed Ann. Pressure: psi		Wellhead Connection: 5 1/2" HS&M		Top: ft	Bottom: ft	api:	No. of Shots:	Total Interval: ft	
Service Instructions: Cement 5 1/2" Production Casing using LEAD: 230 SKS of Panhandle Lite + Additives. TAIL: 200 SKS of C + Additives.					Tract Down: Casing		Displacement: 75.3 bbl	Packer Type:	Packer Depth: ft		
					Tubing Vol.: bbl		Casing Vol.: 76 bbl	Annular Vol.: 97 bbl	Openhole Vol.: 173 bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>					1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools				
Lift Pressure: 750 psi					Shoe Type: Guide		Squeeze Type:				
Pipe Rotated <input type="checkbox"/>					Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: 3129 ft		Tool Type:		
No. Centralizers: 10		Top Plugs: 1		Bottom Plugs: 0		Single Tool Type:		Tool Depth: ft			
Cement Head Type: Single					Stage Tool Depth: ft		Tail Pipe Size: in				
Job Scheduled For: 9/18/2003 20:00		Arrived on Location: 2003-Sep-16 22:45		Leave Location: 2003-Sep-17 4:30		Collar Type: Auto-Fill		Tail Pipe Depth: ft			
						Collar Depth: 3085 ft		Sqz Total Vol.: bbl			
Date	Time	Treating Pressure	Flow Rate	Density	Volume				Message		
		24 hr clock	bbl/min	lb/gal	bbl						
2003-Sep-17	2:26	0	0.0	-0.00	0.0	0	0	0			
2003-Sep-17	2:26	0	0.0	-0.00	0.0	0	0	0			
2003-Sep-17	2:26								Start Job		
2003-Sep-17	2:27	0	0.0	-0.01	0.0	0	0	0			
2003-Sep-17	2:27	0	0.0	-0.01	0.0	0	0	0			
2003-Sep-17	2:28	0	0.0	-0.01	0.0	0	0	0			
2003-Sep-17	2:28	0	0.0	-0.00	0.0	0	0	0			
2003-Sep-17	2:29	0	0.0	-0.00	0.0	0	0	0			
2003-Sep-17	2:29	5	0.0	0.29	0.0	0	0	0			
2003-Sep-17	2:30	14	0.0	8.36	0.0	0	0	0			
2003-Sep-17	2:30	2467	0.0	8.41	0.0	0	0	0			
2003-Sep-17	2:31	4005	0.0	4.37	0.0	0	0	0			
2003-Sep-17	2:31	3969	0.0	0.17	0.0	0	0	0			
2003-Sep-17	2:31								Pressure Test Lines		
2003-Sep-17	2:31	3960	0.0	0.31	0.0	0	0	0			
2003-Sep-17	2:32	18	0.0	0.33	0.0	0	0	0			
2003-Sep-17	2:32								Start Pumping Spacer		
2003-Sep-17	2:32	18	0.0	0.33	0.0	0	0	0			
2003-Sep-17	2:32	114	0.7	8.38	0.4	0	0	0			
2003-Sep-17	2:33	252	3.5	8.43	2.1	0	0	0			
2003-Sep-17	2:33	233	4.9	7.88	4.4	0	0	0			
2003-Sep-17	2:34	302	4.6	8.32	6.6	0	0	0			

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Fluid Systems:

230 SKS Panhandle Lite + Additives			
Density:	11.4	lb/gal	Thickening Time:
Yield:	3.07	ft ³ /sk	
H2O Mix:	18.23	gal/sk	
H2O:	8203.5	gal	Eq. Sack Weight: 94 lb
			Total Blend: 230 sacks
D029	0.25	lbs/sk	57.5
CLASS C	94	lbs/sk	21820
S001	2.82	lbs/sk	648.8
D044	8	lbs/sk	1380
D053	1.88	lbs/sk	432.4
D078	1.88	lbs/sk	432.4
D046	0.188	lbs/sk	43.24
D030	0.94	lbs/sk	218.2

200 SKS Class C + Additives			
Density:	14.8	lb/gal	Thickening Time:
Yield:	1.34	ft ³ /sk	
H2O Mix:	6.3	gal/sk	
H2O:	845	gal	Eq. Sack Weight: 0 lb
			Total Blend: 200 sacks
S001	1.88	lbs/sk	376
CLASS C	94	lbs/sk	18800
D029	0.25	lbs/sk	50

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ORIGINAL

Schlumberger

Service Order

2003-Sep-16

Customer CIMAREX ENERGY CO.		Person Taking Call Apsitsarekul, Prayut		Dowell Location Perryton, TX		Order Date 2003-Sep-16		Job Number 2205543839			
Well Name and Number Gibson 3			Legal Location Sec 35 - T17S - R4		Field		County Grealy		State/Province KS		
Well Master: 0630531255			API / UWI: 071-20765-0000								
Rig Name CHEYENNE B			Well Age New		Sales Engineer Wetsel, Torrey			Job Type Cem Prod Casing			
Time Well Ready: 9/16/2003 8:00 PM		Deviation		Bk Size 7.88 in		Well MD 3,150 ft		Well TVD 3,150 ft		BHP psi	
								°F		°F	
Treat Down Casing		Packer Type		Packer Depth ft		Wellhead Connection 5 1/2" HS&M		HWP on Location		Max Allowed Pressure	
										Max Allowed Ann Pressure	
Casing				Services Instructions:							
Depth, ft				Size, in				Weight, lb/ft			
3150				5.5				14			
Grade				Thread				Cement 5 1/2" Production Casing using LEAD: 230 SKS of Panhandle Lite + Additives. TAIL: 200 SKS of C + Additives			
J55				STC							
Logging				Extra Equipment:							
Depth, ft				Size, in				Weight, lb/ft			
Grade				Thread				1 ABT			
								1 PUMP			
								1 CemCAT			
Centralized Intervals											
Top, ft		Bottom, ft		api		No. of Shots		Total Interval			
								ft			
								Diameter			
								in			
Expected On Location: 9/16/2003 8:00 PM Ready To Pump: 9/16/2003											

Notes:
BRING 1 TOP PLUG == 2 CEMENT BASKETS (5 1/2") !!!
Paul took out 2 sets of Guide Shoe, Float Collar, 10 Centralizers & Thread Lock It since the last well.

Directions:
From Intersection of Hwy 27 & Hwy 96 in Tribune, KS == Proceed North 5 miles on Hwy 27 == Turn EAST on "L" Road and go 2 1/4 miles == Turn South into location.

Other Notes:

Comments:

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