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MAY 13 2002

KCC WICHITA

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 # 9449
Name: Great Eastern Energy and Development
Address: P.O. Drawer 150
City/State/Zip: Bogue, Kansas 67625
Purchaser: NCRA
Operator Contact Person: Michael A. Davignon
Phone: (785) 623-7520
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: M. L. Brown

Well Name: Copeland
Original Comp. Date: 1948 Original Total Depth: 3891
____ Deepening ____ Re-perf. Conv. to Enhr./SWD
 Plug Back 3845 Plug Back Total Depth
____ Commingled Docket No. _____
____ Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. D-27,993

5/1/02 5/8/02/ 5/8/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15-163-D2246-0001
County: Rooks
C SW NW SW Sec. 19 Twp. 9 S. R. 20 East West
1650 south feet from (S) N (circle one) Line of Section
4950 east feet from (E) W (circle one) Line of Section

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

Field Name: _____
Producing Formation: Arbuckle
Elevation: Ground: _____ Kelly Bushing: _____
Total Depth: 3891 Plug Back Total Depth: 3845
Amount of Surface Pipe Set and Cemented at 1783 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1783
feet depth to surface w/ 800 sx cmt.

Drilling Fluid Management Plan Workover on 10-9-02
(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.: _____
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: Agent Date: 5-9-02
Subscribed and sworn to before me this 9th day of May
2002.
Notary Public: Michelle Long
Date Commission Expires: 3-21-2006

NOTARY PUBLIC - State of Kansas
MICHELLE LONG
My Appt. Exp. 3-21-06

KCC Office Use ONLY
NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
N Wireline Log Received
N Geologist Report Received
____ UIC Distribution

X

Operator Name: Great Eastern Energy and Development Lease Name: Copeland Well #: 2
 Sec. 19 Twp. 9 S. R. 20 East West County: Rooks

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 (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 (Submit Copy) List All E. Logs Run:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Log</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample</th> </tr> <tr> <td></td> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top Datum</td> </tr> <tr> <td></td> <td>Lansing-Kansas City</td> <td style="text-align: center;">3520 -1265</td> </tr> <tr> <td></td> <td>Arbuckle</td> <td style="text-align: center;">3800 -1535</td> </tr> </table>	Log	Formation (Top), Depth and Datum	Sample		Name	Top Datum		Lansing-Kansas City	3520 -1265		Arbuckle	3800 -1535
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	Name	Top Datum											
	Lansing-Kansas City	3520 -1265											
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CASING RECORD New 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		8 5/8"	32	1783	Common	800	
Production		5 1/2"	18	3879	Common	150	

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 checked="" type="checkbox"/> Plug Off Zone	3810	Common	250	

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
	3453 to 3810	Squeeze with 250 sacks	3810

TUBING RECORD		Size	Set At	Packer At	Liner Run	
		2 7/8"	3802	3800	Yes	<input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
5/10/02			<input checked="" type="checkbox"/> Flowing Pumping Gas Lift Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.
				Gas-Oil Ratio		Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

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