

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 9449  
Name: Great Eastern Energy & Development Corp.  
Address: P. O. Drawer 2436  
City/State/Zip: Midland, TX 79701  
Purchaser: NCRA  
Operator Contact Person: Mike Davignon  
Phone: (785) 623-7520  
Contractor: Name: Murfin Drilling  
License: 30606  
Wellsite Geologist: Mike Davignon

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

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>11/13/01</u>	<u>11/18/01</u>	<u>12/01/01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23327-0000  
County: Rooks  
C - C - nw - sw Sec. 19 Twp. 9 S. R. 20  East  West  
1935 feet from S / N (circle one) Line of Section  
805 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 #: 1

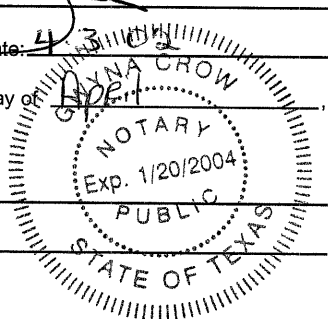
Field Name: Gra-Rooks  
Producing Formation: Arbuckle  
Elevation: Ground: 2270 Kelly Bushing: 2275  
Total Depth: 3890 Plug Back Total Depth: 3873  
Amount of Surface Pipe Set and Cemented at 220 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1775 Feet  
If Alternate II completion, cement circulated from 1775  
feet depth to surface w/ 300 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used none  
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: \_\_\_\_\_  
Title: President Date: 4/3/02  
Subscribed and sworn to before me this 3 day of April  
2002  
Notary Public: Jayma B. Crow  
Date Commission Expires: 1-20-4



**KCC Office Use ONLY**

NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
YES Wireline Log Received  
YES Geologist Report Received  
\_\_\_\_ UIC Distribution

✓

X

Operator Name: Great Eastern Energy & Development Lease Name: Copeland Well #: 1  
 Sec. 19 Twp. 9 S. R. 20 East  West County: Rooks County

**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 checked="" type="checkbox"/> Yes No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy)  List All E. Logs Run:  See enclosed	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Log Name</th> <th>Formation (Top), Depth and Datum</th> <th>Sample</th> </tr> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1777</td> <td>1774</td> </tr> <tr> <td>Topeka</td> <td>3284</td> <td>3280</td> </tr> <tr> <td>Heebner</td> <td>3490</td> <td>3485</td> </tr> <tr> <td>Lansing</td> <td>3530</td> <td>3524</td> </tr> <tr> <td>B-KG</td> <td>3745</td> <td>3740</td> </tr> <tr> <td>Arbuckle</td> <td>3816</td> <td>3810</td> </tr> </tbody> </table>	Log Name	Formation (Top), Depth and Datum	Sample	Name	Top	Datum	Anhydrite	1777	1774	Topeka	3284	3280	Heebner	3490	3485	Lansing	3530	3524	B-KG	3745	3740	Arbuckle	3816	3810
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**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
  
**APR 04 2002**  
  
 CONSERVATION DIVISION  
 WICHITA, KS

CASING RECORD							
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 Pipe	12 1/4	8 5/8	24	220	common	150	3% CC 2%gel
Prod.	7 7/8	5 1/2	14	3887	ASC	175	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1775	6040 Pozmix	300	6% gel, 1/4 lb. flowseal

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
4	3812-3814		see details on backside	
4	3811-3813		see details on backside	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
2 7/8		3800'	no	Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
1/4/02		Flowing		<input checked="" type="checkbox"/> Pumping		Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
55				100% oil	28		

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval:  Other (Specify) \_\_\_\_\_

Perforation #1:

cement squeeze 25 sx of flowseal, 50 sx common, pumped in under 300# another 50 sx. Pressure climbed to 1500#. Went on to vacuum & started staging cement w/ 25 sx left in tbg. Well Squeezed w/ 10 sx left in tbg @ 3200#.

Perforation #2:

dumped 250 gal non E, 15% acid w/ 50 bbl. water in haul.