

**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 # 31160
 Name: Phillips Exploration Company LC
 Address: 4109 North Ironwood
 City/State/Zip: Wichita, Kansas 67226
 Purchaser: _____
 Operator Contact Person: James B. Phillips
 Phone: (316) 636-2256
 Contractor: Name: Duke Drilling Co., Inc.
 License: 5929
 Wellsite Geologist: Joe Baker
 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: _____
 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. _____
 Spud Date or 10-23-01 Date Reached TD 10-27-01 Completion Date or
 Recompletion Date _____

API No. 15 - 155-21457-0000
 County: Reno County, Kansas
NW SW NW Sec. 20 Twp. 23 S. R. 7 East West
1650 feet from S / N (circle one) Line of Section
330 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Miller Well #: 3-20
 Field Name: _____
 Producing Formation: _____
 Elevation: Ground: 1598' Kelly Bushing: 1606'
 Total Depth: 3775' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 272 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
 Chloride content 10000 ppm Fluid volume 800 bbls
 Dewatering method used: evaporation & hauling
 Location of fluid disposal if hauled offsite: _____
 Operator Name: C&C Tank Service, Inc.
 Lease Name: Roach SWD License No.: 30708
 Quarter SW Sec. 14 Twp. 23 S. R. 9 East West
 County: Reno Docket No: D22208

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.

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: President Date: 1/15/02
 Subscribed and sworn to before me this 15th day of January
02
 Notary Public: [Signature]
 Notary Commission Expires: Sept. 15, 2004

KCC Office Use ONLY

_____ Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 _____ Wireline Log Received
 _____ Geologist Report Received
 _____ UIC Distribution
1/15/02

Operator Name: Phillips Exploration Co., LC Lease Name: Miller Well #: 3-20
 Sec. 20 Twp. 23 S. R. 7 East West County: Reno County, Kansas

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:
 Dual Induct. FDC/CNL

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	2869	-1260
Br. Lime	3074	-1465
B/KC	3468	-1859
Chero. Sh	3570	-1961
Miss. Cht	3650	-2041
Kind. Sh	3728	-2119
TOTAL DEPTH	3775	

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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	20#	272'	60/40 Poz	240	4%cc 2%gel

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	1150*	60/40 poz	35	60/40 Poz mix 3% gel 2% cc
<input type="checkbox"/> Plug Back TD	650	" "	35	
<input checked="" type="checkbox"/> Plug Off Zone	60	" "	25	

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

LOGGING RECORD

Size Set At Packer At Liner Run Yes No

of First, Resumed Production, SWD or Enhr. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Position of Gas Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)

METHOD OF COMPLETION Production Interval