

**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

And

Operator: License # 33209
 Name: Penn Virginia Oil & Gas Corporation
 Address: 2550 E. Stone Dr., Suite 110
 City/State/Zip: Kingsport, TN 37660
 Purchaser:
 Operator Contact Person: Richard Waddell, Operations Manager
 Phone: 423-723-0281
 Contractor: Name: Gulick Drilling Co., Inc. **RECEIVED**
 License: 32854
 Wellsite Geologist: **JAN 15 2004**
 Designate Type of Completion: **KCC WICHITA**

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENH 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 Dept
 Commingle Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

12/08/2003	12/22/2003	12/30/2003
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 1501720853
 County: Chase
NE NW NW Sec. 26 Twp. 21S R: 6E East West
 _____ 300 feet from N / S Line of Section
 _____ 990 feet from E / W Line of Section

Footages Calculated from Nearest Outside Section Corner:
 (Circle one) NE SE **NW** SW

Lease Name: MERCER 26-4 Well #: 4
 Field Name:
 Producing Formation: SWD Well
 Elevation: 1366 Kelly Bushing: 1381
 Total Depth: 4625 Plug Back Total Depth 4625
 Amount of Surface Pipe Set and Cemented at 509 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 from depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
 (Data must be collected from the reserve pit)

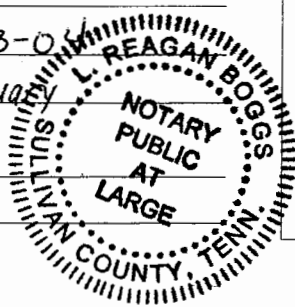
Chloride content _____ ppm. Fluid volume _____ bbls
 Dewatering method used Will use this SWD well upon approval to inject

 Location of fluid disposal if hauled offsite:
 Operator Name: _____
 Lease Name: _____ License No: 33209
 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: Richard Waddell
 Title Operations Manager Date: 01-13-04
 Subscribed and sworn before me this 13th day of January 2004.
 Notary Public: L. Reagan Boggs
 Date Commission Expires: 2-26-2006



KCC Office Use ONLY

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

X

Side Two

Operator Name: Penn Virginia Oil & Gas Corporation Lease Name: MERCER 26-4 Well #: 4
 Sec. 26 Twp. 21S R. 6E East West County: Chase

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Logs Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Photo Density, Comp Neutron, GR, CAL, Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr><td>Pawnee</td><td>2688</td><td>1307</td></tr> <tr><td>Fort Scott LS</td><td>2746</td><td>1365</td></tr> <tr><td>Rowe Coal</td><td>3222</td><td>1841</td></tr> <tr><td>Riverton Coal</td><td>3256</td><td>1875</td></tr> <tr><td>Basal Pennsylvania</td><td>3310</td><td>1929</td></tr> <tr><td>Mississippian LIS</td><td>3450</td><td>2069</td></tr> <tr><td>Kinderhook Shaie</td><td>3801</td><td>2420</td></tr> <tr><td>Hunton Fm</td><td>3918</td><td>2537</td></tr> <tr><td>Viola LS</td><td>3954</td><td>2573</td></tr> <tr><td>Simpson Fm</td><td>4027</td><td>2646</td></tr> <tr><td>Arbuckle Fm</td><td>4095</td><td>2714</td></tr> </tbody> </table>	Name	Top	Datum	Pawnee	2688	1307	Fort Scott LS	2746	1365	Rowe Coal	3222	1841	Riverton Coal	3256	1875	Basal Pennsylvania	3310	1929	Mississippian LIS	3450	2069	Kinderhook Shaie	3801	2420	Hunton Fm	3918	2537	Viola LS	3954	2573	Simpson Fm	4027	2646	Arbuckle Fm	4095	2714
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KCC WICHITA

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"	9 5/8"	36	509	Standard	225	2% gel, 3% CaCl ₂ , 1/4lb Flo-Cel
Intermediate	8 3/4"	7"	23	4130	CI A	750	60/40 POZ, 6% Gel, 2% CaCl ₂ , 1/4lb Flo-Cel / 4% gel, 2% CaCl ₂ , 1/4lb Flo-Cel
Production	6 1/4"	4 1/2"	10.5	4625			

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

TUBING RECORD	Size 4 1/2"	Set At 4107	Packer At 4101	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of first, Resumerd Production, SWD or Enhr. 01/23/2004	Producing Method <input 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 Bbbs	Gas Mcf	Water Bbbs	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If Vented, Submit ACO-18)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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