

**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 # 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.
 License: 32854
 Wellsite Geologist: None

Designate Type of Completion:

New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENH SIGW
 Dry Other (Core, WSW, Expl., Calc.)

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. _____

06/18/2003	06/23/2003	09/10/2003
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**RECEIVED
NOV 20 2003
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS**

API No. 1507323949-00-00
 County: Greenwood
NE 1/4 SW 1/4 Sec. 23 Twp. 23 R: 09 East West
 _____ 1980 feet from N / S Line of Section
 _____ 1980 feet from E / W Line of Section

Footages Calculated from Nearest Outside Section Corner:

(Circle one) NE SE NW **SW**

Lease Name: TETER 23-11 Well #: 1
 Field Name: _____
 Producing Formation: Pennsylvanian Coals
 Elevation: 1338 Kelly Bushing: 1346
 Total Depth: 2540 Plug Back Total Depth 2446
 Amount of Surface Pipe Set and Cemented at 212 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)

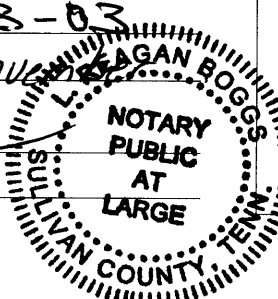
Chloride content _____ ppm. Fluid volume _____ bbls
 Dewatering method used Will dispose of drilling fluid in Teter 23-11-2
(API No. 15-073-23961).
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No: _____
 Quarter: _____ Sec. _____ Twp. _____ S R. East West
 County: _____ Docket No.: _____

REC 1 en 11-24-03

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: 11-13-03
 Subscribed and sworn before me this 13th day of November
 2003.
 Notary Public: [Signature]
 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

Operator Name: Penn Virginia Oil & Gas Corporation Lease Name: TETER 23-11 Well #: 1
 Sec. 23 Twp. 23 R 09 East West County: Greenwood *API# 15-073-28949-00-08*

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent To Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lansing	1342' +1'
Electric Logs Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Kansas City	1774' -397'
List All E. Logs Run: Photo Density, Comp. Neutron, GR, CAL, ✓ Induction ✓		Cherokee	2050' -707'
		Mississippian	2389' -1046'

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 NOV 20 2003
 CONSERVATION DIVISION
 WICHITA, KS

CASING RECORD <input checked="" 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	11"	8 5/8"	23	204	CI A	125	3% CaCl2
Intermediate							
Production	7 7/8"	5 1/2"	15.5	2528	CI A	160	4% Gel, 2% CaCl2, 8#/sk CALSeal, 4#/sk KOLSeal

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	2380-84, 2368-72, 2339-41	250 gal 15% HCL acid, 170 BW, 145 MSCF N2, 16500 lbs 16/30 sand	
2	2146-48, 2173-76, 2206-10	250 gal 15% HCL acid, 231 BW, 145 MSCF N2, 15000 lbs 16/30 sand	
2	1986-89, 2016-20, 2042-46, 2050-54	250 gal 15% HCL acid, 142 BW, 186 MSCF N2	

TUBING RECORD	Size 2 3/8"	Set At 2445	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of first, Resumerd Production, SWD or Enhr. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls 120	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If Vented, Submit ACO-18) Other (Specify) _____

METHOD OF COMPLETION _____

Production Interval _____

**BLUE STAR
ACID SERVICE, INC.**

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

ORIGINAL
N^o 4613

API# 15-073-23949-00-00

Date 6-19-03	Customer Order No.	Sect 23	Twp. 23	Range 9E	Truck Called Out 6:00am	On Location 7:15am	Job Began 8:00am	Job Completed 8:30am
Owner Penn Virginia Oil & Gas Corp.		Contractor Gulick Drlg.			Charge To Penn Virginia Oil & Gas Corp.			
Mailing Address 2550 E. Stone Dr. Suite 110		City Kingport			State TN. 37660			
Well No. & Form Teter 23-11-1 ✓		Place Greenwood			State Kansas			
Depth of Well 216'	Depth of Job 216'	Casing (New) Used	Size 8 5/8"	Weight 23 lb.	Size of Hole Amt. and Kind of Cement 12 1/4 125 SKS	Cement Left in casing by	(Request) Necessity 25' feet	
Kind of Job Surface Pipe ✓					Drillpipe	(Rotary)	Cable	Truck No. #25

Price Reference No.	
Price of Job	425.00
Second Stage	
Mileage	45.00
Other Charges	
Total Charges	470.00

Remarks Safety Meeting: Rig up to 8 5/8" casing, break circulation with Slack water. Mixed 125 sks Reg. cement w/ 3% CACL2 and Floccate. Shutdown, Release Plug - Displace Plug with 12 1/2 Bbls. Shutdown, close casing in with Good cement returns. We circulated 6 Bbls slurry = 30 SKS cement ✓

Bump @ 8:30 AM

Job complete - Tear down

Cementor Brad

Helper Rick - Marti District Eureka State Kansas

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

[Signature]
Agent of contractor or operator

"Thank you"

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
125	SKS Regular - Class A cement	7.75	968.75
350	lbs. CACL2 3%	.35	122.50
30	lbs. Floccate 1/4 lb. per sk.	1.00	30.00
RECEIVED KANSAS CORPORATION COMMISSION NOV 20 2003 CONSERVATION DIVISION WICHITA, KS			
1	8 5/8" wooden Plug	40.00	40.00
		125 sks Handling & Dumping	.50
		587 Ton Mileage 20	.80
		Sub Total	1787.67
		Delivered by Truck No.	Discount
		Delivered from	Sales Tax 6.3%
		Signature of operator	Total 1900.29

API # 15-073-23949-00-00

**BLUE STAR
ACID SERVICE, INC.**

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

ORIGINAL
No. 4854

Date 6-22-03	Customer Order No.	Sect 23	Twp. 23s	Range 9E	Truck Called Out 7:00 p.m.	On Location 9:00 p.m.	Job Began 10:30 p.m.	Job Completed 11:15 p.m.
Owner Penn-Virginia Oil & Gas Corp.		Contractor Gulick Drlg. CO.			Charge To Penn-Virginia Oil & Gas Corp.			
Mailing Address 2550 E. Stone Drive Suite 110		City Kingsport			State TN. 37660			
Well No. & Form Teter 23-11-1		Place		County Greenwood		State Kansas		
Depth of Well 2540'	Depth of Job	Casing <input checked="" type="checkbox"/> New <input type="checkbox"/> Used	Size 5 1/2"	Weight 15.5	Size of Hole Amt. and Kind of Cement 7 1/4" 160SKS.	Cement Left in casing by	Request <input checked="" type="checkbox"/> Necessity 0' feet	
Kind of Job LongString					Drillpipe	<input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Cable	Truck No. # 21	

Price Reference No.	
Price of Job	665.00
Second Stage	
Mileage	33.75
Other Charges	
Total Charges	698.75

Remarks **Safety Meeting: Rig up to 5 1/2" casing, Pumped 20 Bbls. Fresh water. Mixed 160SKS. Thickset cement w/ 4" #1 SK. of KOL-SEAL & 13 1/2" #1/64. Shutdown, washout pump & lines. Release Plug Displace with 60 Bbls. Fresh water. Final pumping at 500 PSI. Bumped Plug to 1000 PSI. wait 5 minutes. Release Pressure to check float - float held - close casing in w/ 0 PSI. We had good circulation during cementing Procedure**

500 PSI

Job complete - Tear down

Cementor **Brad Butler**

Helper **Mike - Monty - Jim** District **Eureka** State **Kansas**

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

"Thank you"

Steve Jim
Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
160	SKS. Thickset cement	10.25	1720.00
640	lbs. KOL-SEAL 4" #1 SK.	.30	192.00
RECEIVED KANSAS CORPORATION COMMISSION			
4	Hrs. 80 Bbl. VAC Truck #13	60.00	240.00
1	load City water	20.00	20.00
CONSERVATION DIVISION WICHITA, KS			
1	5 1/2" AFU Float shoe	160.00	160.00
2	5 1/2" Cement Baskets	106.00	212.00
6	5 1/2" Centralizers	28.00	168.00
1	5 1/2" Top Rubber Plug	40.00	40.00
	160SKS handling & Dumping	.50	80.00
Plugs	8" Mileage 15	.80	105.60
	Sub Total		3636.35
	Delivered by Truck No. #22	Discount	
	Delivered from Eureka	Sales Tax	6.3%
	Signature of operator Brad Butler	Total	3865.44