

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., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:

Operator: **RECEIVED**
KANSAS CORPORATION COMMISSION
Well Name: **NOV 20 2003**
Original Comp Date _____ Original Total Depth _____
 Deepening Re-Perf. **CONSERVATION DIVISION**
 Plug Back Plug Back Total Dept **WICHITA, KS**
 Commingle Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
06/23/2003 06/27/2003 09/18/2003
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 1507323954-00-00
County: Greenwood
W/2 SW NE Sec. 23 Twp. 23S R: 09 East West
2050' feet from N / S Line of Section
2310' feet from E / W Line of Section

Footages Calculated from Nearest Outside Section Corner:

(Circle one) **NE** SE NW SW
Lease Name: TETER 23-7 Well #: 7
Field Name:
Producing Formation: Pennsylvanian Coals
Elevation: 1294 Kelly Bushing: 1302
Total Depth: 2560 Plug Back Total Depth 2551
Amount of Surface Pipe Set and Cemented at 224 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 cmf.

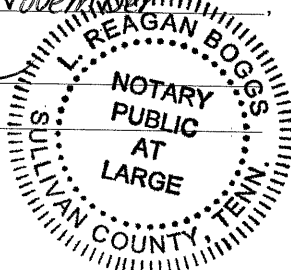
Drilling Fluid Management Plan *Rec'd on 12-1-03*
(Data must be collected from the reserve pit)

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.: _____

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 23-7 Well #: 7
 Sec. 23 Twp. 23S R. 09 East West County: Greenwood API#15-073-23954-00-00

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 Logs Run Yes 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
Name	Top Datum
Lansing	1310' -10'
Base Kansas City	1740' -440
Cherokee	2020' -720
Mississippian	2357' -1057'

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 KANSAS CORPORATION COMMISSION
 NOV 20 2003

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"	8 5/8"	23	224	CI A	125	3% CaCl2
Intermediate							
Production	7 7/8"	5 1/2"	15.5	2550	CI A	160	4% Gel, 8#/sk CalSeal, 2% CaCl2, 4#/sk KolSeal

CONSERVATION DIVISION
 WICHITA, KS

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
2	2340-43, 2333-35, 2311-13, 2306-09	250 gal. 15% HCL acid, 233 BW, 173 MSCF N2, 15800 lbs 16/30 sand	
2	2174-77, 2142-46, 2113-16	250 gal. 15% HCL acid, 170 BW, 133 MSCF N2, 16800 lbs 16/30 sand	
2	1953-56, 1984-88, 2011-14, 2020-23	250 gal. 15% HCL acid, 143 BW, 190 MSCF N2, 22500 lbs 16/30 sand	

TUBING RECORD	Size 2 3/8"	Set At 2502	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of first, Resumerd Production, SWD or Enhr. 09/18/2003 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbbs	Gas Mcf	Water Bbbs 120	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease (If Vented, Submit ACO-18)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

API # 15-073-23954-00-00

ORIGINAL

**BLUE STAR
ACID SERVICE, INC.**

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

No. 4649

Date	Customer Order No	Sec	Twp.	Flange	Truck Called Out	On Location	Job Began	Job Completed
6-27-03		23	23S	9E	7:30 AM	11:00 AM	12:05	12:50
Owner PENN-VIRGINIA OIL & GAS CORP		Contractor GULICK DRIG. 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 # 23-7-7		Place GREENWOOD		County KANSAS				State
Depth of Well 2560'	Depth of Job 2550'	Charge (New) (Used)	Size 5 1/2	Weight 15.50	Size of Hole Amt. and Kind of Cement 160 SKS	Cement Left in casing by	Request Necessary	0' feet
Kind of Job Longstring					Drip Pipe	Rotary Cable		
					Tubing	Truck No. #21		

Price Reference No	# 1
Price of Job	665.00
Second Stage	
Mileage	45.00
Other Charges	
Total Charges	710.00

Remarks: Safety Meeting: Rig up to 5 1/2 casing. Break Circulation with 20 BBL Fresh water. Mixed 160 SKS Thick Set Cement with 4" Kol-Seal per 1SK @ 13.5# per gal. Shut down. wash out Pump & Lines. Release Plug. Displace with 60.5 BBL Fresh water. Final Pumping Pressure 500 PSI. Bump Plug to 950 PSI. wait 2 minutes. Check float. float held. Shut casing in @ 0 PSI. Job Complete @ 12:50 AM. Rig down.

Cementer: Kevin McCoy
 Helper: Mike, Justin, Monty District: EUREKA State: KS
 The above job was done under supervision of the owner, operator or his agent whose signature appears below.

THANK YOU

[Signature]
Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
160 SKS	Thick Set Cement	10.75	1720.00
640 "	KOL-SEAL	.30	192.00
4 HRS	80 BBL VAC TRUCK #14	60.00	240.00
1	LOAD CITY WAKE	20.00	20.00
NOV 20 2003			
CONSERVATION DIVISION WICHITA, KS			
6	5 1/2 Centralizers	28.00	168.00
2	5 1/2 Cement Baskets	106.00	212.00
1	5 1/2 AFU FLOAT Shoe	160.00	160.00
1	5 1/2 Top Rubber Plug	40.00	40.00
Plugs		160 SKS Handling & Dumping	.50
		8.8 TONS Mileage 20	.80
		Sub Total	3682.80
Delivered by #3 Truck No		Discount	
Delivered from EUREKA		Sales Tax	6.3%
Signature of operator <i>[Signature]</i>			232.02
		Total	3914.82

API#15-073-13954-00-00

**BLUE STAR
ACID SERVICE, INC.**

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

ORIGINAL
No. **4644**

Date 6-24-03	Customer Order No.	Sect. 23	Twp. 23S	Range 9E	Truck Called Out 1:15 AM	On Location 2:30 AM	Job Began 4:00 AM	Job Completed 4:30 AM
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 # 23-7-7		Place GREENWOOD			State KANSAS			
Depth of Well 226'	Depth of Job 226'	Casing (New) Used	Size 8 5/8"	Weight 23#	Size of Hole Amt. and Kind of Cement 1 1/4" 125 SKS	Cement Left in casing by	(Request) Necessity	25' feet
Kind of Job SURFACE			Drillpipe	(Rotary) Cable	Truck No. #21			

Price Reference No.	# 1
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 fresh water. Mixed 125 SKS Regular Cement with 3% CaCl2, 1/4" Flocele @ 15.2# per/gal. Shut down. Release Plug. Displace with 12.75 BBL fresh water. Shut casing in. Good cement returns to surface = 8 BBL slurry = 38 SKS. Job complete Rig down.

Cementer Kevin McCoy
 Helper Mike, Justin
 District EUREKA State KS
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.
Thank You
 x [Signature] [Signature]
 Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
125 SKS	Regular Class "A" Cement	7.75	968.75
350 *	CaCl2 3%	.35	122.50
30 *	Flocele 1/4" 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
		5.87 TONS Mileage 20	.80
		Sub Total	1787.67
		Discount	
Delivered by #22 Truck No.		Sales Tax	6.3%
Delivered from EUREKA			112.62
Signature of operator <u>Kevin McC</u>		Total	1,900.29