

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33209

Name: Penn Virginia Oil & Gas Corporation

Address 1: Seven Sheridan Square, Suite 200

Address 2: _____

City: Kingsport State: TN Zip: 37660 + _____

Contact Person: Jim Burns, Operation Manager

Phone: (423) 723-0230

CONTRACTOR: License # 32854

Name: Gulick Drilling Company, Inc.

Wellsite Geologist: None

Purchaser: None

Designate Type of Completion:

New Well _____ Re-Entry _____ Workover _____

_____ Oil _____ SWD _____ SIOW

Gas _____ ENHR _____ SIGW

_____ CM (Coal Bed Methane) _____ Temp. Abd.

_____ 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. _____ Conv. to SWD

_____ Plug Back: _____ Plug Back Total Depth

_____ Commingled _____ Docket No.: _____

_____ Dual Completion _____ Docket No.: _____

_____ Other (SWD or Enhr.?) _____ Docket No.: _____

11/11/2003 11/21/2003 11/22/2003

Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date

API No. 15 - 017-20851-0600

Spot Description: _____

NW⁴ - NW⁴ - _____ Sec. 26 Twp. 21 S. R. 6 East West

700 Feet from North / South Line of Section

750 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Chase

Lease Name: Mercer 26-4 Well #: 3

Field Name: _____

Producing Formation: Pennsylvania Coals

Elevation: Ground: 1359 Kelly Bushing: 1367

Total Depth: 3450 Plug Back Total Depth: 3440

Amount of Surface Pipe Set and Cemented at: 210 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/ _____

API - Dig - 4/23/09

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: Dispose of Drilling Fluids in Mercer 26+4-4 SWD Docket # D-28,253

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: Jim Burns

Title: OPERATIONS MANAGER Date: 4/20/2009

Subscribed and sworn to before me this 20th day of April

Notary Public: Keena Gibson

Date Commission Expires: 8-19-2009

KCC Office Use ONLY

_____ Letter of Confidentiality Received

If Denied, Yes Date: _____

_____ Wireline Log Received

_____ Geologist Report Received

_____ UIC Distribution

RECEIVED

APR 21 2009

KCC WICHITA

Operator Name: Penn Virginia Oil & Gas Corporation Lease Name: Mercer 26-4 Well #: 3
 Sec. 26 Twp. 21 S. R. 6 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 <i>(Attach Additional Sheets)</i> 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 Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Density, Neutron, Induction GR/CBL/CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Name</td> <td style="width: 20%;">Top</td> <td style="width: 20%;">Datum</td> </tr> <tr> <td>Ft. Scott LS</td> <td>2784</td> <td>1417</td> </tr> <tr> <td>Cherokee Group</td> <td>2800</td> <td>1433</td> </tr> <tr> <td>Mississippian</td> <td>3285</td> <td>1918</td> </tr> </table>	Name	Top	Datum	Ft. Scott LS	2784	1417	Cherokee Group	2800	1433	Mississippian	3285	1918
Name	Top	Datum											
Ft. Scott LS	2784	1417											
Cherokee Group	2800	1433											
Mississippian	3285	1918											

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	210'	A	199	3% CaCl2
Production	7 7/8"	5 1/2"	15.5	3441'	A	200	}

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
1	3245-3250; 3253-3256; 3285-3289; 3292-3297; 3300-3302; 3307-3310; 3322-3345	51,000 LB Sand, 836 BW, 1000 Gal 15% HCL Acid	

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TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>3355</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or Enhr. <u>08/07/2004</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**BLUE STAR
ACID SERVICE, INC.**

PO Box 103
Eureka, Kansas 67045

Counting Ticket
and Invoice Number

Nº 5117

Date 11-17-03	Customer Order No.	Sect. 26	Twp. 21	Range 6E	Truck Called Out 2:30 p.m.	On Location 4:00 p.m.	Job Began 6:00 p.m.	Job Completed 7:00 p.m.
Owner Penn-Virginia Oil & Gas Corp.		Contractor Gulick Drlg. Co.			Charged To Penn-Virginia Oil & Gas Corp.			
Mailing Address 2550 E. Stone Dr. Ste #110		City Kingsport			State TN. 37660			
Well No. & Form Mercer 26-4		Place Chase			State Kansas			
Depth of Well 3450'	Depth of Job 3441'	Casing <input checked="" type="checkbox"/> New <input type="checkbox"/> Used	Size 5 1/2"	Weight 15.5 lb.	Size of Hole Amt. and Kind of Cement 7 1/4 200sks	Cement Left in casing by	Request <input checked="" type="checkbox"/> Necessity	0' feet
Kind of Job Longstring					Drillpipe	Rotary	Truck No. #21	

Price Reference No.	
Price of Job	665.00
Second Stage	
Mileage	50 112.50
Other Charges	
Total Charges	777.50

Remarks: **Safety Meeting: Rig up to 5 1/2" casing, Break circulation with 10 Bbl. Fresh water. Mixed 200sks. Thick set cement w/ 4lb. KOH-SEAL at 130 lbs. 1 1/4 gal. Shut down, wash out pump & lines. Release Plug Displace Plug with 81.8 Bbls. Fresh water at 5 1/2 BPM Final pumping at 750 P.S.I. - Bumped Plug to 1250 P.S.I. Wait 5 min. Release Pressure - check Float - Float Held Shut casing in w/ 0 P.S.I. Good circulation during cementing procedure.**

Cementer **Brad Buttr** Job complete - **Tear down**

Helper **Mike - Justin Alan** 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
200	sks Thick Set cement	10.75	2150.00
800	lbs. KOH-SEAL	.30	240.00
4	Hrs. 80 Bbl VAC Truck	65.00	260.00
1	Load City water	20.00	20.00
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APR 21 2009			
2	5 1/2 Cement Baskets	106.00	212.00
5	5 1/2 Centralizers	28.00	140.00
1	5 1/2 AFU Float shoe	160.00	160.00
1	5 1/2 Top Rubber Plug	40.00	40.00
		200sks Handling & Dumping	.50
		9.4 Ten Mileage 50	.80
		Sub Total	4475.50
		Discount	
Delivered by Truck No. #16		Sales Tax	6.3%
Delivered from Eureka			281.95
Signature of operator Brad Buttr		Total	4757.45

BLUE STAR ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

NO 5137

Date 11-12-03	Customer Order No.	Sect. 26	Twp. 21	Range 6	Truck Called Out 10:00 AM	On Location 8:00 AM	Job Began 10:00 AM	Job Completed 10:20 AM
Owner Penn-Virginia Oil & Gas		Contractor Gulick Drig. Co.			Charge To Penn-Virginia Oil & Gas Corp.			
Mailing Address 2550 E. Stone Dr. Ste #110		City Kingsport			State TN 37660			
Well No. & Form Mercer 26-4		Place CHASE			State KANSAS			
Depth of Well 215	Depth of Job 215'	Casing <input checked="" type="radio"/> New <input type="radio"/> Used	Size 8 5/8	Weight 23 #	Size of Hole Amt. and Kind of Cement 12 1/4 165 Reg	Cement Left in casing by	<input checked="" type="radio"/> Request <input type="radio"/> Necessity	20 feet
Kind of Job SURFACE JOB					Drillpipe	<input type="radio"/> Rotary <input type="radio"/> Cable		Truck No. # 12

Price Reference No. **#1**

Price of Job **425.00**

Second Stage _____

Mileage **50** **112.50**

Other Charges _____

Total Charges **537.50**

Remarks Safety Meeting, Rig up to 8 5/8 casing, Break circulation w/ 10 Bbl Fresh water. Mix 165 SK's Regular cement w/ 3% CaCl2, 1/2 Floccle per/sk at 14.9 # per gallon, yeild at 1.10. Shut Down, Release Plug, Displace w/ 12 1/4 Bbl water. Close casing in. 7 Bbl cement Returns to surface. = 34 SK's Job complete, Tear Down.

Cementer **Russell McCoy**

Helper **Troy - Jason**

District **EUREKA**

State **KS**

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

Thank you

Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
165	SK's Regular cement (Class A")	7.75	1278.75
465 #	CaCl2 3%	.35	162.75
82 #	Floccle 1/2 lbs per/sk	1.00	82.00
RECEIVED			
2	8 5/8 x 12 1/4 Centralizers	37.50	75.00
1	8 5/8 cement BASKET	153.00	153.00
1	8 5/8 wooden Plug	45.00	45.00
KCC WICHITA			
Plugs	165 SK's Handling & Dumping	.50	82.50
	7.75 Ton Mileage 50	.80	310.00
	Sub Total		21726.50
Delivered by # 16	Discount		
Delivered from Eureka	Sales Tax	6.3%	171.77
Signature of operator Russell McCoy	Total		2898.27