

Department of Mines, Minerals and Energy
Division of Gas and Oil

Operations Name: H G WAMPLER
Permit #: 3481

Well #: VC2583
VA File #: DI-0865

ENTERED

Department of Mines, Minerals and Energy
Division of Gas and Oil
P.O. Box 1416
Abingdon, Virginia 24210
540/676-5423

COMPLETION REPORT

WELL TYPE: Oil Gas Coalbed Methane or Injection well

Date Well Completed: 10/14/97 Total Depth of Well: LTD - 2537 DTD - 2560



Attach the Drilling Report; if not previously submitted. In addition, submit any changes in casing or tubing that were approved after the Drilling Report was submitted.

STIMULATION RECORD

Zone 1: COAL SEAMS* Formation Stimulated With: 70Q FOAM W/
12300# 12/20 SAND - 545,000 SCF N2 - 519 BF

Perforated:	<u>1600.5</u>	to:	<u>2100.5</u>	No. of Perforations:	<u>13</u>	Size:	<u>0.34"</u>
Formation Broke Down at:	<u>1836</u>	PSIG		Average Injection Rate:	<u>52</u>	BPM	
ISIP:	<u>1310</u>	PSIG	5 Min SIP: <u>1268</u>	PSIG Average Injection	Pressure	<u>3510</u>	
Date Stimulated:	<u>10/14/97</u>						

* WARCREEK, UNNAMED "C", BECKLEY, X-SEAM, POCO #6

Zone 2: _____ Formation Stimulated With: _____

Perforated:	_____	to:	_____	No. of Perforations:	_____	Size:	_____
Formation Broke Down at:	_____	PSIG		Average Injection Rate:	_____		
ISIP:	_____	PSIG	5 Min SIP: _____	PSIG Average Injection	Pressure	_____	
Date Stimulated:	_____						

Zone 3: _____ Formation Stimulated With: _____

Perforated:	_____	to:	_____	No. of Perforations:	_____	Size:	_____
Formation Broke Down at:	_____	PSIG		Average Injection Rate:	_____		
ISIP:	_____	PSIG	5 Min SIP: _____	PSIG Average Injection	Pressure	_____	
Date Stimulated:	_____						

FINAL PRODUCTION:	_____	Natural	<u>X</u>	After Stimulation	
	<u>BOD</u>	<u>MCFD</u>	<u>HOURS TESTED</u>	<u>ROCK PRESSURE</u>	<u>HOURS TESTED</u>
Zone (1)					
Zone (2)					
Zone (3)					
Final Production if Gas	<u>8</u>	<u>MCFD</u>	<u>6</u>	<u>Hours Tested</u>	<u>360</u>
Zones are Commingled				<u>PSIG</u>	<u>48</u>
					<u>Hours Tested</u>

*Use additional sheets with this format, if more than three (3) zones were stimulated.

Permittee: EQUITABLE RESOURCES ENERGY COMPANY (Company)

By: *Joseph A. King* (Signature)

Department of Mines, Minerals and Energy
Division of Gas and Oil

Operations Name: H G WAMPLER Well #: VC2583
Permit #: 3481 VA File #: DI-0865

Department of Mines, Minerals and Energy
Division of Gas and Oil
P.O. Box 1416
Abingdon, Virginia 24210
540/676-5423

DRILLING REPORT

Pursuant to VR-480-05-22.1, § 1.36, the undersigned Permittee submits this report on Well VC2583 in the
ERVINTON District of the DICKENSON County, Virginia on 2nd day,
JANUARY month, 1998.

LOCATION

County: DICKENSON District: ERVINTON
Surface Elevation: 2272.74 Elev of Kelly Bushing: 2282.74 Quadrangle: DUTY
6680 Ft. S of Latitude 37 05 00 and 4340 Ft. W of Longitude 82 12 30

DRILLING DATA

Date Drilling Commenced: 9/30/97 Drilling Contractor: UNION DRILLING
Date Drilling Completed: 10/7/97 Rig Type: X Rotary Cable Tool
Total Depth of Well: LTD - 2537 DTD - 2560

GEOLOGICAL DATA

Fresh Water at:	139	feet	DAMP	GPM	1889	feet	¼" STREAM	GPM
		feet		GPM		feet		GPM
Salt Water at:		feet		GPM		feet		GPM
		feet		GPM		feet		GPM
		feet		GPM		feet		GPM

COAL SEAMS:

<u>NAME</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>THICKNESS</u>	<u>MINING IN AREA</u>		
				<u>YES</u>	<u>NO</u>	<u>MINED OUT</u>
<u>GREASY CREEK</u>	<u>1173</u>	<u>1175</u>	<u>2</u>			
<u>L SEABOARD</u>	<u>1300</u>	<u>1302</u>	<u>2</u>			
<u>BECKLEY</u>	<u>1665</u>	<u>1669</u>	<u>4</u>			
<u>POCO #6</u>	<u>2099</u>	<u>2101</u>	<u>2</u>			

GAS AND OIL SHOWS:

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>THICKNESS</u>	<u>IPF (MCFD/BOPD)</u>	<u>PRESSURE</u>	<u>HOURS TESTED</u>
		<u>2108/2319/2349/2560</u>		<u>ODOR</u>		

Cuttings or samples are

are not
have not

 available for examination by a member of the Virginia Division of Mineral Resources
 Cuttings or samples have

are not
have not

 been furnished to the Virginia Division of Mineral Resources

ELECTRIC LOGS AND SURVEYS

List logs run on wellbore: GR/ DEN/ TMP

Did log disclose vertical location of a coal seam? Yes No

SURVEY RESULTS

<u>DEPTH OF SURVEY</u>	<u>DIRECTION/DISTANCE/DEGREES FROM TRUE VERTICAL</u>	<u>DEPTH OF SURVEY</u>	<u>DIRECTION/DISTANCE/DEGREES FROM TRUE VERTICAL</u>
200	1°	1636	¾°
310	1°	1836	¾°
510	1°	2036	1°
660	¾°	2098	1°
793	1°	2298	1°
950	1°	2330	1°
1150	1°	2530	1 ¼°
1256	¾°		
1456	¾°		
1599	¾°		

CASING AND TUBING

	<u>SIZE</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>LENGTH</u>	<u>CEMENT USED IN CU/FT</u>	<u>DATE CEMENTED</u>	<u>PACKERS OR BRIDGE PLUGS KIND SIZE SET AT</u>
<u>Conductor</u>	13 3/8		43	33	GROUTED		
<u>Surface</u>							
<u>Water Protection</u>	8 5/8		894	884	190(224)	10/2/97	
<u>Coal Protection</u>							
<u>Other Casing and Tubing Left in Well</u>	4 ½		2484	2474	539(679)	10/7/97	
	2 3/8		2251.5				

Liners

REMARKS: Shut down, fishing jobs, depths and dates, caving, lost circulation, etc.

OPEN MINES @ 658-664 & @ 789-799

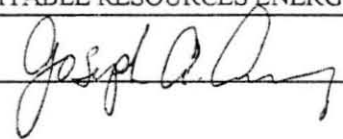
DRILLER'S LOG

Compiled by: ENGINEERING

AGE	FORMATION	GENERAL LITHOLOGY	COLOR	DEPTH		THICKNESS	REMARKS
				TOP	BOTTOM		
PENN	SAND, SHALE & THIN COALS			0	1173	1173	
	GREASY CREEK			1173	1175	2	
	SAND, SHALE & THIN COALS			1175	1300	125	
	L SEABOARD			1300	1302	2	
	SAND, SHALE & THIN COALS			1302	1665	363	
	BECKLEY			1665	1669	4	
	SAND, SHALE & THIN COALS			1669	2099	430	
	POCO #6			2099	2101	2	
	SAND, SHALE & THIN COALS			2101	2537	436	

LOGGER'S TOTAL DEPTH 2537

Permittee: EQUITABLE RESOURCES ENERGY COMPANY (Company)

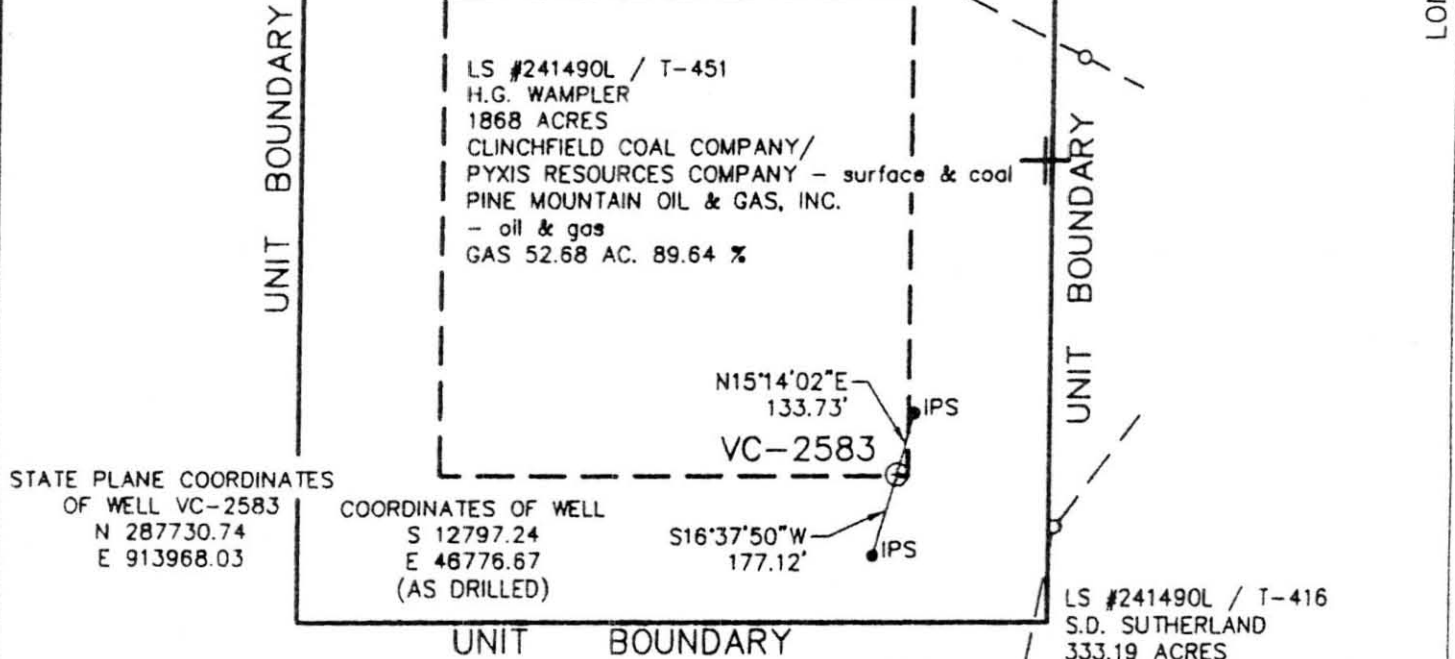
By:  (Signature)

TOTAL UNIT AREA
= 58.77 ACRES

LATITUDE 37°05'00"

LS #244792L / TC-221
Z.T. SUTHERLAND
427.51 ACRES
CLINCHFIELD COAL COMPANY/
PYXIS RESOURCES COMPANY - coal
LS #241840L
LAWRENCE T. KISER
51 ACRES
- oil & gas
GAS 1.09 AC. 1.85 %

LS #241490L / T-390
S.D. SUTHERLAND
160 ACRES
CLINCHFIELD COAL COMPANY/
PYXIS RESOURCES COMPANY - coal
PINE MOUNTAIN OIL & GAS, INC.
- oil & gas
GAS 4.96 AC. 8.44 %



STATE PLANE COORDINATES
OF WELL VC-2583
N 287730.74
E 913968.03

COORDINATES OF WELL
S 12797.24
E 46776.67
(AS DRILLED)

S16°37'50\"W
177.12'

N15°14'02\"E
133.73'

VC-2583

NOTE !!!

WELL COORDINATES ARE BASED ON CLINCHFIELD
COAL COMPANY'S MINE COORDINATE SYSTEM

STATE PLANE WELL COORDINATES ARE CALCULATED
FROM CLINCHFIELD COAL COMPANY COORDINATES.

PROPERTY INFORMATION PROVIDED BY EQUITABLE
RESOURCES ENERGY COMPANY.

ELEVATIONS ARE BASED ON USGS BM 1631 VA LOCATED
ON THE TOP OF A LARGE ROCK ±60' WEST OF THE
CENTER OF A DRAIN.



LS #241490L / T-416
S.D. SUTHERLAND
333.19 ACRES
CLINCHFIELD COAL COMPANY/
PYXIS RESOURCES COMPANY
- coal
PINE MOUNTAIN OIL & GAS, INC.
oil & gas
GAS 0.04 AC. 0.07 %

WELL LOCATION PLAT

COMPANY Equitable Resources Energy Co. WELL NAME AND NUMBER VC - 2583
TRACT No. LS #241490L/T-451 ELEVATION 2272.20 (Trig) QUADRANGLE DUTY
COUNTY DICKENSON DISTRICT ERMINTON SCALE: 1" = 400' DATE OCT. 1, 1997
THIS PLAT IS A NEW PLAT ; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT x
PROPOSED TOTAL DEPTH OF WELL =

+ DENOTES THE LOCATION OF A WELL ON UNITED STATES TOPOGRAPHIC MAPS, SCALE 1 TO
24,000, LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

B. Lemman Kendrick 10/1/97

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR