

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

Operations Name: VICC (Samuel Horn) VC 2926
Permit #: 2457

Department of Mines, Minerals and Energy
Division of Gas and Oil
P. O. Box 1416
Abingdon, Virginia 24210
703/676-5423

WS 385

COMPLETION REPORT

WELL TYPE: Oil Gas Coalbed Methane or Injection well

Date Well completed: 9-26-94 Total Depth of Well: LTD=2906 DTD=2915

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/20300# 20/40 sand - 1115000 SCF N₂, 859 BF

Perforated: 1645.5 TO 2532.5 No. of Perforations: 15 Perforation Size: .34"

Formation Broke Down at: 1400 PSIG Average Injection Rate: 10.8 BPM

ISIP 2000 PSIG 5 MIN SIP 1886 PSIG Average Injection Pressure 3748 PSIG

Date Stimulated 9-26-94

*M. Seaboard, C-Seam, Warcreek, L. Horsepen, X-Seam Rider, X-Seam, Poco #7, Poco #4

Zone 2: _____ Formation Stimulated With: _____

Perforated: _____ TO _____ No. of Perforations: _____ Perforation Size: _____

Formation Broke Down at: _____ PSIG Average Injection Rate: _____

ISIP _____ PSIG _____ MIN SIP _____ PSIG Average Injection Pressure _____ PSIG

Date Stimulated _____

Zone 3: _____ Formation Stimulated With: _____

Perforated: _____ TO _____ No. of Perforations: _____ Perforation Size: _____

Formation Broke Down at: _____ PSIG Average Injection Rate: _____

ISIP _____ PSIG _____ MIN SIP _____ PSIG Average Injection Pressure _____ PSIG

Date Stimulated _____

FINAL PRODUCTION: _____ Natural After Stimulation
BOD MCFD HOURS TESTED ROCK PRESSURE HOURS TESTED

Zone (1) _____

Zone (2) _____

Zone (3) _____

Final Production if Gas Zones are Commingled 52 MCFD 6 Hours Tested 480 PSIG 48 Hours Tested

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

Permittee: EQUITABLE RESOURCES EXPLORATION (Company)

By: *Joseph R. [Signature]* (Signature)

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DRILLING REPORT

Pursuant to VR-480-05-22.1, § 1.36, the undersigned Permittee submits this report on Well VC2926 in the Lipps District of the Wise County, Virginia on 31st day, October month, 19 94.

LOCATION

County: Wise District: Lipps
Surface Elevation: 2602.64 Elevation of Kelly Bushing: 2612.64 Quadrangle: Coeburn
4590 FT. S. of Latitude 37°00'00" and 7500 FT. W. of Longitude 82°25'00"

Attach a final location plat as required by VR 480-05-22.1, § 1.36.

DRILLING DATA

Date Drilling Commenced: 9-9-94 Drilling Contractor: Union Drilling
Date Drilling Completed: 9-13-94 Rig Type: Rotary Cable Tool
Total Depth of Well: LTD=2906 DTD=2915

GEOLOGICAL DATA

Fresh Water at:	_____ Feet	_____ GPM	_____ Feet	_____ GPM
	_____ Feet	_____ GPM	_____ Feet	_____ GPM
Salt Water at:	_____ Feet	_____ GPM	_____ Feet	_____ GPM
	_____ Feet	_____ GPM	_____ Feet	_____ GPM

COAL SEAMS:

NAME	TOP	BOTTOM	THICKNESS	MINING IN AREA		
				YES	NO	MINED OUT
M. Seaboard	1645	1648	3			
L. Horsepen	2148	2150	2			
X-Seam (Split)	2201	2204	3			
Poco #7	2415	2417	2			
Poco #4	2531	2534	3			

GAS AND OIL SHOWS: None Reported

FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED

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Cuttings or samples are are not X available for examination by a member of the Virginia Division of Mineral Resources
cuttings or samples have have not X been furnished to the Virginia Division of Mineral Resources

ELECTRIC LOGS AND SURVEYS

List logs run on wellbore: SLD/TEMP/GR

Did log disclose vertical location of a coal seam? yes X No

SURVEY RESULTS

DEPTH OF SURVEY	DIRECTION/DISTANCE/DEGREES FROM TRUE VERTICAL	DEPTH OF SURVEY	DIRECTION/DISTANCE/DEGREES FROM TRUE VERTICAL
198	1/4°	1587	1/4°
357	3/4°	1787	1/2°
557	3/4°	1987	3/4°
757	3/4°	2021	3/4°
808	3/4°	2203	3/4°
959	3/4°	2444	1°
1159	1 1/4°	2667	7/8°
1359	1 1/4°	2745	1°

CASING AND TUBING

	SIZE	TOP	BOTTOM	LENGTH	CEMENT USED (IN CU/FT)	DATE CEMENTED	PACKERS OR BRIDGE PLUGS KIND SIZE SET AT
<u>Conductor</u>	13 3/8"		29'	19'			
<u>Surface</u>							
<u>Water Protection</u>	8 5/8"		321'	310'	125(148)	9-9-94	
<u>Coal Protection</u>	7"		488'	478'	75(89)	9-10-94	
<u>Other Casing and Tubing Left in Well</u>	4 1/2"		2746'	2726'	315(406)	9-14-94	
	2 3/8"		2593.5'				

Liners

REMARKS: Shut down, fishing jobs, depths and dates, caving, lost circulation, etc.
9-10-94 Lost CIRC. Open Mine

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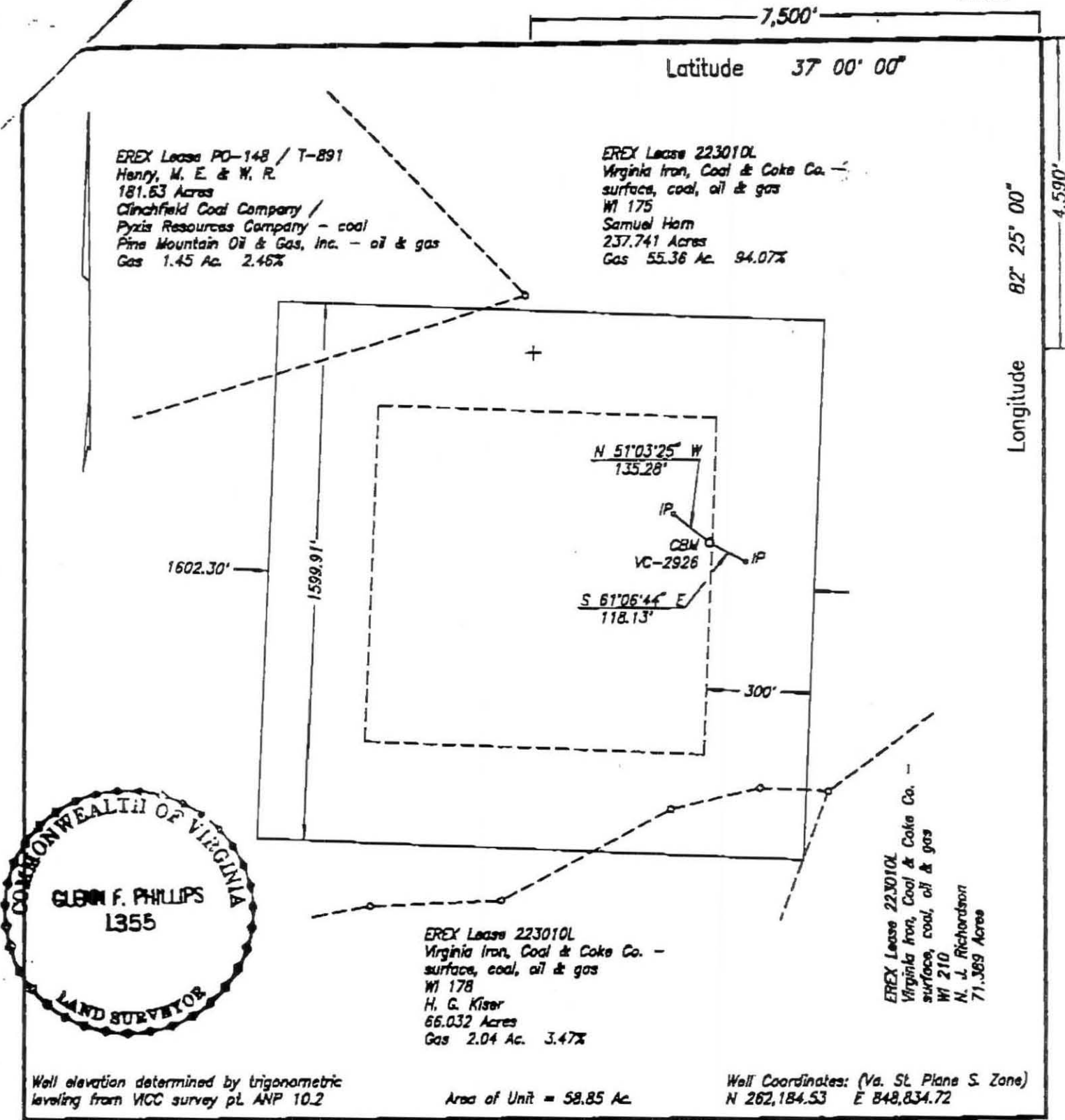
DRILLER'S LOG

Compiled by Engineering

GEOLOGIC AGE	FORMATION	GENERAL LITHOLOGY	COLOR	DEPTH		THICKNESS	REMARKS
				TOP	BOTTOM		
Pennsylvanian	Sand, Shale & Thin Coals			0	1645	1645	
	Middle Seaboard Coal			1645	1648	3	
	Sand, Shale & Thin Coals			1648	2148	500	
	Lower Horsepen Coal			2148	2150	2	
	Sand, Shale & Thin Coals			2150	2201	51	
	X-Seam Coal (Split)			2201	2204	3	
	Sand, Shale & Thin Coals			2204	2415	211	
	Poco #7 Coal			2415	2417	2	
	Sand, Shale & Thin Coals			2417	2531	114	
	Poco #4 Coal			2531	2534	3	
Mississippian	Sand, Shale & Thin Coals			2534	2830	296	
	Red Rock & Shale			2830	2906	76	
Logger's Total Depth					2906		

Permittee: EQUITABLE RESOURCES EXPLORATION (Company)

By: Joseph A. Army (Signature)



WELL LOCATION PLAT

2-F-85

COMPANY Equitable Resources Exploration WELL NAME AND NUMBER VC-2926
 TRACT NO. 223010L / WI 175 ELEVATION 2602.64 QUADRANGLE Coeburn
 COUNTY Wise DISTRICT Lipps SCALE 1" = 400' DATE 3-11-1993

This Plat is a new plat x; an updated plat ; or a final location plat

+ 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.

Glen F. Phillips
 Licensed Professional Engineer or Licensed Land Surveyor