

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

Operations Name: Joshua Pressley VCP 3036
Permit #: 2670

DO-735

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

COMPLETION REPORT

WELL TYPE: Oil Gas Coalbed Methane or Injection well

Date Well Completed: 5-11-94 Total Depth of Well: LTD=2180 DTD=2190

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: 70 Q Foam

w/14,600# 12/20 sand - 885,100 SCF N₂ - 2075 BF

Perforated: 1336 TO 1928 No. of Perforations: 16 Perforation Size: .34"

Formation Broke Down at: 1593 PSIG Average Injection Rate: 14.5 BPM (48 DH)

ISIP 2200 PSIG 5 MIN SIP 1794 PSIG Average Injection Pressure 3870 PSIG

Date Stimulated 5-11-94

*U. Seaboard, Greasy Creek, U. Horsepen, M. Horsepen, Warcreek, L. Horsepen

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 30 MCFD 6 Hours Tested 268 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 L. [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 VCP 3036 in the Ervinton District of the Dickenson County, Virginia on 17th day, June month, 1994.

LOCATION

County: Dickenson District: Ervinton
Surface Elevation: 2265.54 Elevation of Kelly Bushing: 2275.54 Quadrangle: Nora
7120 FT. S. of Latitude 37°07'30" and 3630 FT. W. of Longitude 82°20'00"

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

DRILLING DATA

Date Drilling Commenced: 4-27-94 Drilling Contractor: Union Drilling
Date Drilling Completed: 4-30-94 Rig Type: X Rotary Cable Tool
Total Depth of Well: LTD=2180 DTD=2190

GEOLOGICAL DATA

Fresh Water at:	<u>112</u>	Feet	<u>1/4" stream</u>		Feet		GPM
		Feet			Feet		GPM
Salt Water at:		Feet			Feet		GPM
		Feet			Feet		GPM

COAL SEAMS:

NAME	TOP	BOTTOM	THICKNESS	MINING IN AREA		
				YES	NO	MINED OUT
<u>W. Seaboard</u>	<u>1336</u>	<u>1339</u>	<u>3</u>			
<u>Warcreek</u>	<u>1803</u>	<u>1806</u>	<u>3</u>			
<u>L. Horsepen</u>	<u>1926</u>	<u>1928</u>	<u>2</u>			

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
200	1/2°	1550	1/2°
260	3/4°	1601	1/2°
460	3/4°	1714	3/4°
660	3/4°	1784	3/4°
860	1°	1984	3/4°
959	1°	2029	3/4°
1159	1/2°		
1358	1/2°		

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"		31'	21'					
<u>Surface</u>									
<u>Water Protection</u>	8 5/8"		314'	304'	125(148)	4-27-94			
<u>Coal Protection</u>									
<u>Other Casing and Tubing Left in Well</u>	4 1/2" 2 3/8"		2175' 1996.45'	2165'	440(568)	5-01-94			

Liners

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

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DRILLER'S LOG

Compiled by Engineering

GEOLOGIC AGE	FORMATION	GENERAL LITHOLOGY	COLOR	DEPTH		THICKNESS	REMARKS
				TOP	BOTTOM		
Mississippian	Sand, Shale & Thin Coals			0	1336	1336	
	Upper Seaboard Coal			1336	1339	3	
	Sand, Shale & Thin Coals			1339	1803	464	
	War creek Coal			1803	1806	3	
	Sand, Shale & Thin Coals			1806	1926	120	
	Lower Horsepen Coal			1926	1928	2	
	Sand, Shale & Thin Coals			1928	2180	252	
	Logger's Total Depth				2180		

Permittee: EQUITABLE RESOURCES EXPLORATION (Company)

By: Joseph A. Perry (Signature)

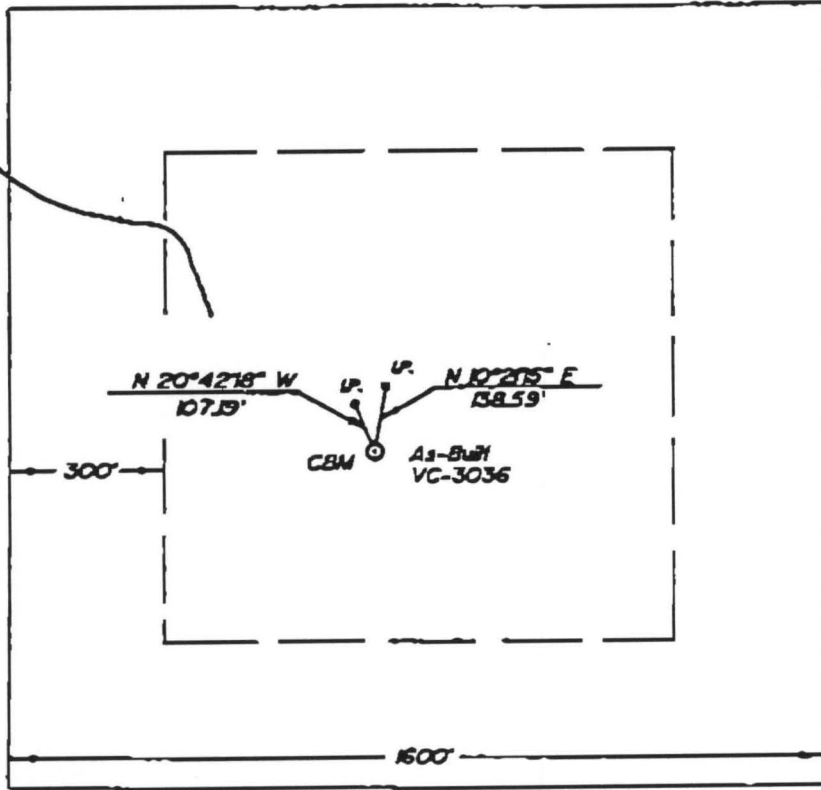
3,620'

Latitude 37° 07' 30"

Longitude 82° 20' 00"

NOTE: Elevation determined by geometric leveling from nearby Monument.

Ls. # PO-148, T-101
Joshua Pressley
95173 Ac.
Climchfield Coal Co. /
Pyxis Resources Co. -
COAL & SURFACE
Pine Mountain Oil & Gas Co. -
OIL & GAS



E: The well was drilled 9° 27' 49" W; 0.80' from proposed location.

MULT COORDS.
Climchfield Coal Co. Coords.
984.15
1004.20

Plane Coords.
103,933.39
178,881.74

UNIT = 58,770 Ac.

LEGEND
○ - Proposed Well Loc.
X - Offset Well
—○— - Mineral Line
— - Surface Line

DWG. # 3227

WELL LOCATION PLAT

20-H-86

Company Equitable Resources Exploration Well Name and Number VC-3036
T No. T-101 Elevation 2261.55 Quadrangle Nora
County Dickenson District Ervinton Scale: 1"=400' Date 05-04-94

Plat is a new plat _____; an updated plat _____ of a final location plat X;
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.

Handwritten signature: A. B. Baldridge



(Affix Seal)