

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

Operations Name: JOSHUA PRESSLEY VCP2598

Permit #: 2122

Entered

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: 12-3-92 Total Depth of Well: LTD=2448 DTD=2470

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/LE
W/ 21164# 12/20 SAND - 980300 SCF N2 - 2320 BF

Perforated: 1263 TO 1955 No. of Perforations: 15 Perforation Size: .34"
Formation Broke Down at: 1049 PSIG Average Injection Rate: 18.6 BPM
ISIP 1700 PSIG 5 MIN SIP 1607 PSIG Average Injection Pressure 3725 PSIG
Date Stimulated 12-030-92

* U. SEABOARD, GREASY CREEK, M.HORSEPEN, C-SEAM, WARCREEK, UNNAMED "C", BECKLEY, L.HORSEPEN, POCO #9

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 143 MCFD 6 Hours Tested 230 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 A. [Signature] (Signature)

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

DRILLING REPORT

Pursuant to VR-480-05-22.1, § 1.36, the undersigned Permittee submits this report on Well VCP2598 in the ERVINTON District of the DICKENSON County, Virginia on 6th day, January month, 19 93.

LOCATION

County: DICKENSON District: ERVINTON
 Surface Elevation: 2217.68' Elevation of Kelly Bushing: 2227.68 Quadrangle: NORA
8510 FT. S. of Latitude 37° 07' 30" and 13720 FT. W. of Longitude 82° 17' 30"

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

DRILLING DATA

Date Drilling Commenced: 11-19-92 Drilling Contractor: UNION DRILLING
 Date Drilling Completed: 11-24-92 Rig Type: X Rotary Cable Tool
 Total Depth of Well: LTD=2448 DTD=2470

GEOLOGICAL DATA

Fresh Water at: <u>178</u> Feet <u>DAMP</u> <u>GPM</u>	Feet <u> </u> <u>GPM</u>
<u>1076</u> Feet <u>DAMP</u> <u>GPM</u>	Feet <u> </u> <u>GPM</u>
Salt Water at: <u> </u> Feet <u> </u> <u>GPM</u>	Feet <u> </u> <u>GPM</u>
<u> </u> Feet <u> </u> <u>GPM</u>	Feet <u> </u> <u>GPM</u>

COAL SEAMS:

NAME	TOP	BOTTOM	THICKNESS	MINING IN AREA		
				YES	NO	MINED OUT
JAWBONE	1029	1032	3			
V. SEABOARD	1263	1267	4			
M. HORSEPEN	1636	1638	2			
WARCREEK	1743	1745	2			
L. HORSEPEN	1860	1863	3			

GAS AND OIL SHOWS:

FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
		2450		ODOR		

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
204	1/2°	1879	1°
416	1°	2036	1°
663	1 1/4°	2223	1°
870	1 1/4°	2450	1°
1069	1°		
1287	1°		
1475	1°		
1690	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"		40'	30'			
<u>Surface</u>	8 5/8"		320'	310'	110(130)	11-19-92	
<u>Water Protection</u>	4 1/2"		2155'	2145'	485(626)	11-24-92	
<u>Coal Protection</u>							
<u>Other Casing and Tubing Left in Well</u>	2 3/8"		1989.7'				

Liners

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

DRILLER'S LOG

Compiled by ENGINEERING

GEOLOGIC AGE	FORMATION	GENERAL LITHOLOGY	COLOR	DEPTH		THICKNESS	REMARKS
				TOP	BOTTOM		
PENNSYLVANIAN	SAND, SHALE & THIN COAL			0	1029	1029	
	JAWBONE COAL			1029	1032	3	
	S S&TC			1032	1263	231	
	UPPER SEABOARD COAL			1263	1267	4	
	S S&TC			1267	1636	369	
	MIDDLE HORSEPEN COAL			1636	1638	2	
	S S&TC			1638	1743	105	
	WARCREEK COAL			1743	1745	2	
	S S&TC			1745	1860	115	
	LOWER HORSEPEN COAL			1860	1863	3	
S S&TC			1863	2440	577		
MISSISSIPPIAN	RED ROCK & SHALE			2440	2448	8	
LOGGER'S TOTAL DEPTH				2448			

S S & TC = SAND, SHALE & THIN COALS

Permittee: EQUITABLE RESOURCES EXPLORATION (Company)

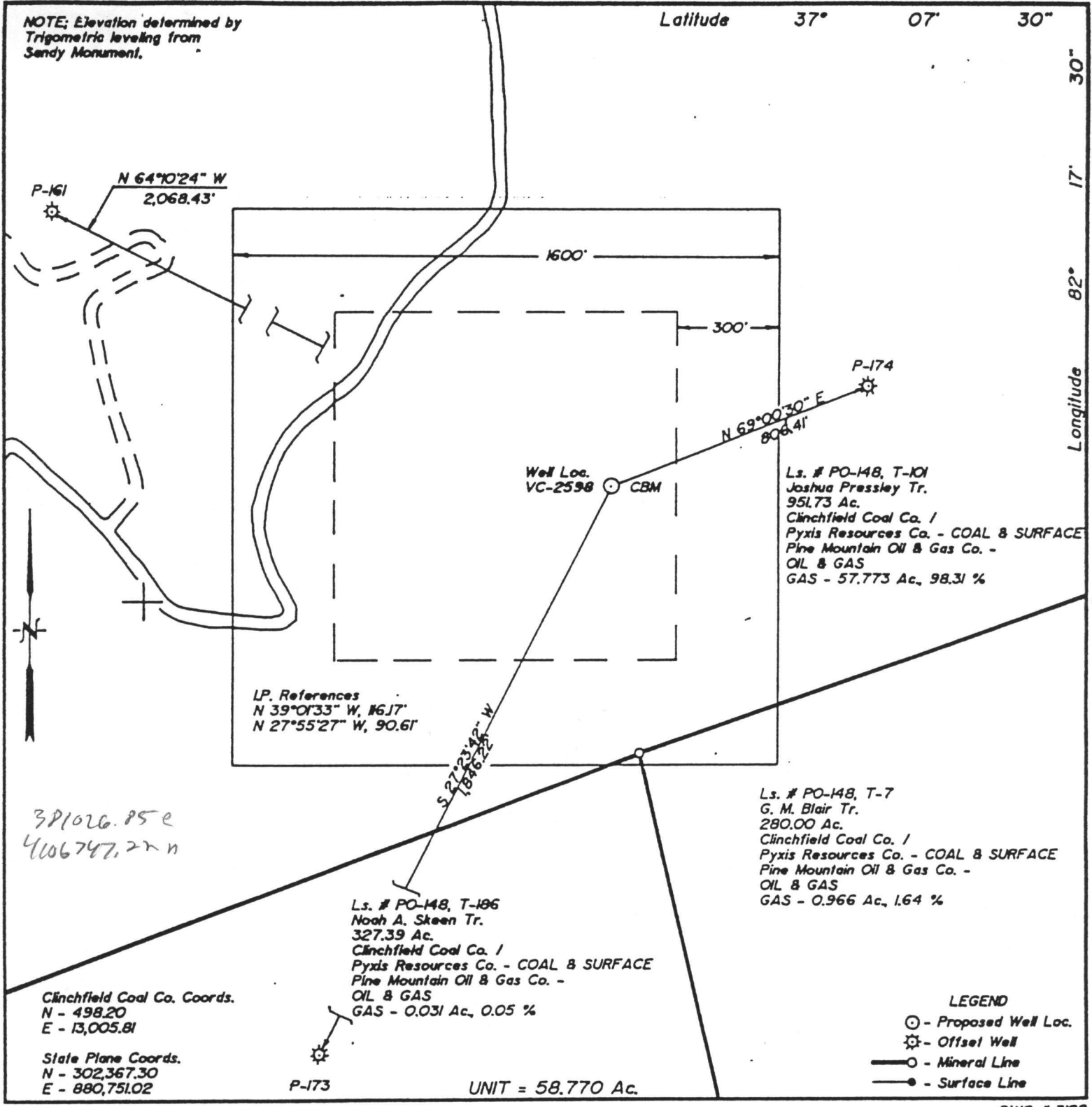
By: Joseph A. Perry (Signature)

13,120

NOTE: Elevation determined by
Trigonometric leveling from
Sandy Monument.

Latitude 37° 07' 30"

Longitude 82° 17' 30"



391026.85 e
4106747.22 n

Ls. # PO-148, T-101
Joshua Pressley Tr.
951.73 Ac.
Clinchfield Coal Co. /
Pyxis Resources Co. - COAL & SURFACE
Pine Mountain Oil & Gas Co. -
OIL & GAS
GAS - 57.773 Ac., 98.31 %

Ls. # PO-148, T-7
G. M. Blair Tr.
280.00 Ac.
Clinchfield Coal Co. /
Pyxis Resources Co. - COAL & SURFACE
Pine Mountain Oil & Gas Co. -
OIL & GAS
GAS - 0.966 Ac., 1.64 %

Ls. # PO-148, T-186
Noah A. Steen Tr.
327.39 Ac.
Clinchfield Coal Co. /
Pyxis Resources Co. - COAL & SURFACE
Pine Mountain Oil & Gas Co. -
OIL & GAS
GAS - 0.031 Ac., 0.05 %

LEGEND

- ⊙ - Proposed Well Loc.
- ⊙ - Offset Well
- - Mineral Line
- - Surface Line

DWG # 3128

WELL LOCATION PLAT

Company Equitable Resources Exploration Well Name and Number VC-2598
 Tract No. T-101 Elevation 2217.68 Quadrangle Nora
 County Dickenson District Ervinton Scale: 1" = 400' Date 07/31/92

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.

W. S. Caldwell

 Licensed Professional Engineer or Licensed Land Surveyor



(Affix Seal)