

DS-0755

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

Operations Name: W.T. Goodloe VCP3048

Permit #: 2787

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: 9-30-94 Total Depth of Well: LTD=2606 DTD=2607

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: 70.0 Foam
w/14500 # 12/20 sand - 799000 SCF N₂ - 1904 BF

Perforated: 1727 TO 2295.5 No. of Perforations: 16 Perforation Size: .34"

Formation Broke Down at: 1566 PSIG Average Injection Rate: 18.0 BPM (57 DH)

ISIP 1800 PSIG 5 MIN SIP 1639 PSIG Average Injection Pressure 3777 PSIG

Date Stimulated 9-30-94

*M. Horsepen, Warcreek, Unnamed "C", Beckley, L. Horsepen, Poco #5

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 69 MCFD 6 Hours Tested 300 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)

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DRILLING REPORT

Pursuant to VR-480-05-22.1, § 1.36, the undersigned Permittee submits this report on Well VCP3048 in the Kennedy District of the Dickenson County, Virginia on 31st day, October month, 19 94.

LOCATION

County: Dickenson District: Kennedy
Surface Elevation: 2315.51 Elevation of Kelly Bushing: 2325.51 Quadrangle: Nora
8035 FT. S. of Latitude 37°05'00" and 8465 FT. W. of Longitude 82°20'00"

37° 03' 40.55
82° 21' 44.47

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

DRILLING DATA

Date Drilling Commenced: 9-19-94 Drilling Contractor: Union Drilling
Date Drilling Completed: 9-22-94 Rig Type: Rotary Cable Tool
Total Depth of Well: LTD=2606 DTD=2607

GEOLOGICAL DATA

Fresh Water at: 191 Feet Damp ~~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
<u>L. Horsepen</u>	<u>1968</u>	<u>1970</u>	<u>2</u>			
<u>Poco #5</u>	<u>2292</u>	<u>2296</u>	<u>4</u>			

GAS AND OIL SHOWS:

FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
		<u>2512/2607</u>		<u>60 MCFD</u>		

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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
<u>191</u>	<u>1/4°</u>	<u>1708</u>	<u>1/4°</u>
<u>391</u>	<u>1/2°</u>	<u>1727</u>	<u>1/4°</u>
<u>591</u>	<u>1/2°</u>	<u>1927</u>	<u>1/2°</u>
<u>791</u>	<u>1/4°</u>	<u>1969</u>	<u>1/2°</u>
<u>991</u>	<u>3/4°</u>	<u>2169</u>	<u>1/2°</u>
<u>1108</u>	<u>3/4°</u>	<u>2289</u>	<u>1/2°</u>
<u>1308</u>	<u>3/4°</u>	<u> </u>	<u> </u>
<u>1508</u>	<u>3/4°</u>	<u> </u>	<u> </u>

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"		30'	20'			
<u>Surface</u>							
	8 5/8"		320'	310'	130(153)	9-20-94	
<u>Water Protection</u>							
<u>Coal Protection</u>							
<u>Other Casing and Tubing Left in Well</u>	4 1/2" 2 3/8"		2544' 2408.7'		455(587)	9-22-94	

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		
Pennsylvanian	Sand, Shale & Thin Coals			0	1968	1968	
	Lower Horsepen Coal			1968	1970	2	
	Sand, Shale & Thin Coals			1970	2292	322	
	Poco #5 Coal			2292	2296	4	
	Sand, Shale & Thin Coals			2296	2530	234	
Mississippian	Red Rock & Shale			2530	2606	76	
Logger's Total Depth					2606		

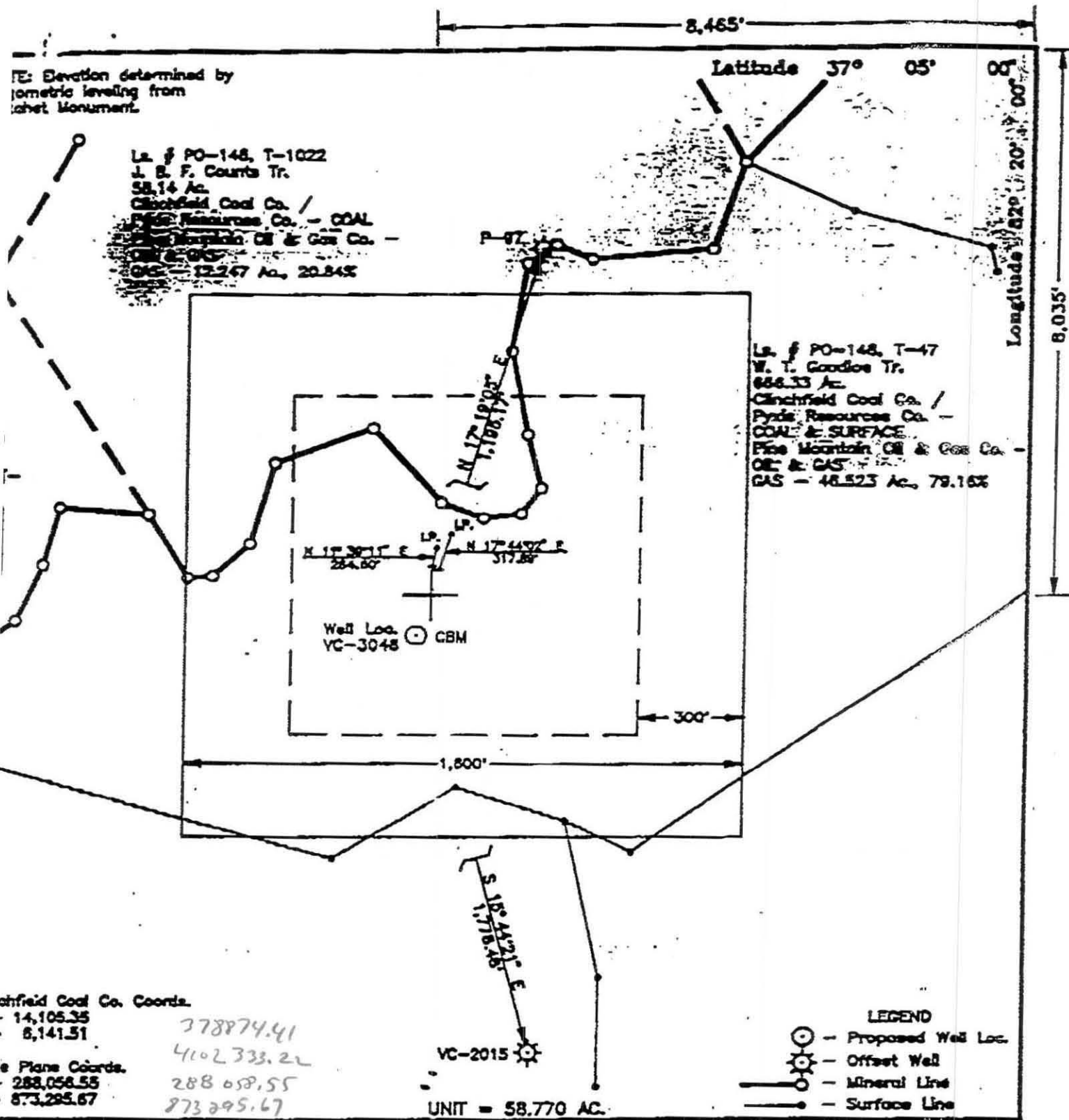
Permittee: EQUITABLE RESOURCES EXPLORATION (Company)

By: Joseph A. King (Signature)

FE: Elevation determined by
barometric leveling from
Tahet Monument.

Ls. of PO-148, T-1022
J. B. Counts Tr.
58.14 Ac.
Cinchfield Coal Co. /
Pyxis Resources Co. - COAL
Fine Mountain Oil & Gas Co. -
OIL & GAS
GAS - 12.247 Ac., 20.84%

Ls. of PO-148, T-47
W. T. Goodloe Tr.
668.33 Ac.
Cinchfield Coal Co. /
Pyxis Resources Co. -
COAL & SURFACE
Fine Mountain Oil & Gas Co. -
OIL & GAS
GAS - 48.523 Ac., 79.16%



Cinchfield Coal Co. Coords.
- 14,105.35
- 8,141.51

Plane Coords.
- 288,058.55
- 873,295.67

3788774.41
4102333.22
288 058.55
873 295.67

LEGEND

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

WELL LOCATION PLAT

DRG. # 3242

Company Equitable Resources Exploration Well Name and Number VC-3048
 Tract No. T-47 Elevation 2315.51 Quadrangle Nora
 County Dickenson District Kenady Scale: 1" = 400' Date 07-05-94
 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.

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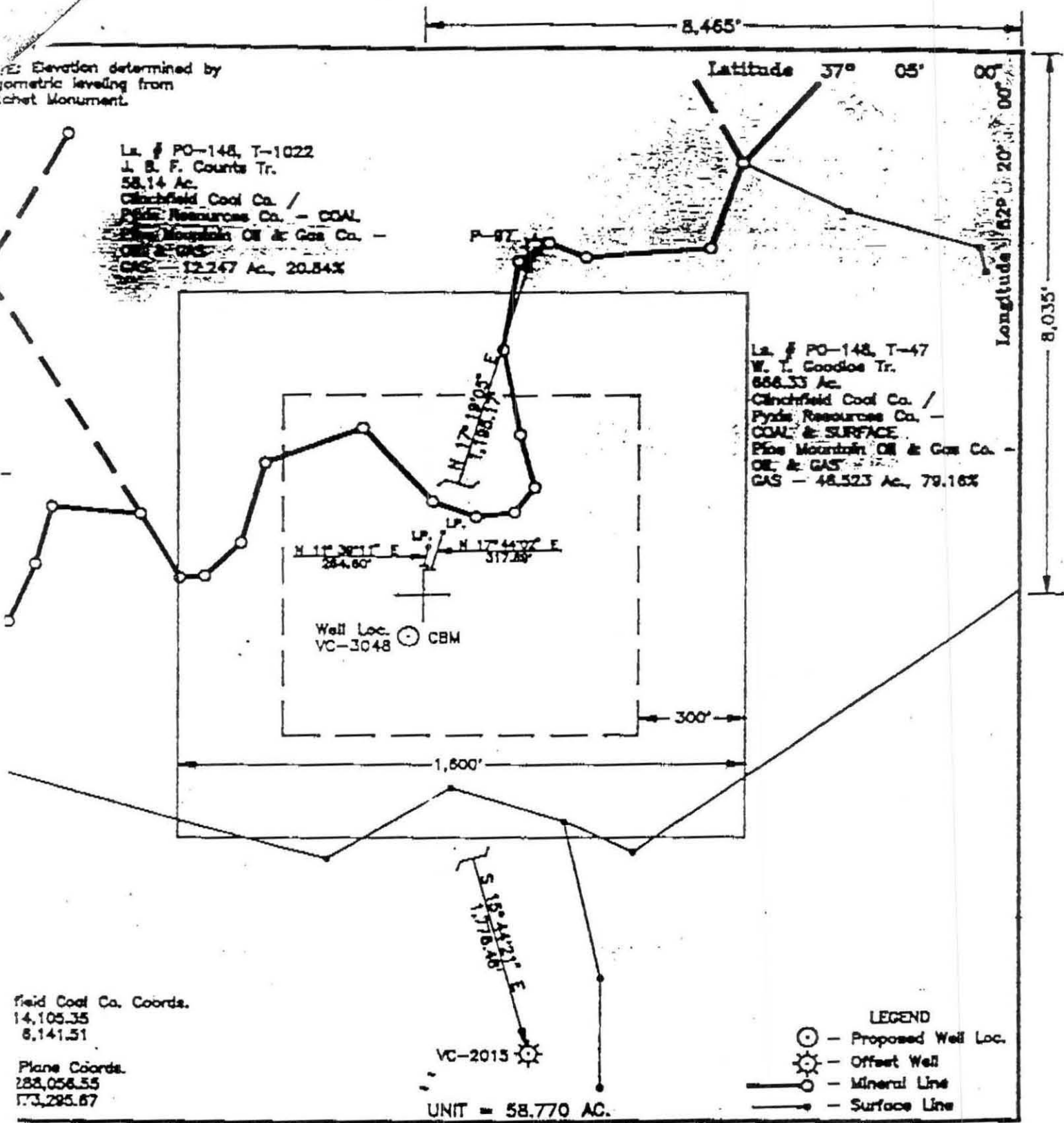
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By: Joseph A. Cury (Signature)

E: Elevation determined by geometric leveling fromatchet Monument.

La. # PO-148, T-1022
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Pyxis Resources Co. - COAL
Pine Mountain Oil & Gas Co. -
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