



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Clintonville

Permit No. GREEN-15

WELL RECORD

Oil or Gas Well DRY
(KIND)

Company HUMBLE OIL & REFINING CO.
Address P. O. BOX 72, CARM, ILLINOIS
Farm PAUL HIGHLANDER Acres 36
Location (waters) _____
Well No. 1 Elev. 2471'
District FT. SPRING County GREENBRIER
The surface of tract is owned in fee by PAUL HIGHLANDER,
Address ALDERSON, W.VA.
Mineral rights are owned by SAME
Address _____
Drilling commenced 7-1-63
Drilling completed 8-28-63
Date Shot No From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume NONE Cu. Ft.
Rock Pressure none lbs. _____ hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED no
WELL FRACTURED no

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8"	564'	564'	
9-5/8"	2844'	844'	Size of
7"	7168	1368	
6%			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 13-3/8 SIZE 564 No. Ft. 7-12-63 Date
9-5/8" 2844' 8-5-63, 7" 7168' 8-20-63

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT Dry hole = was not treated

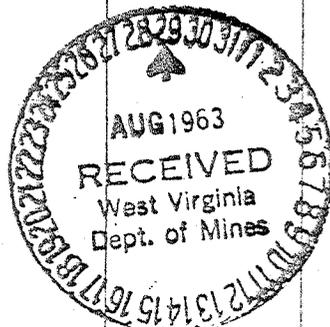
ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mauch Chunk	Sand & Shale		surface	515'	Fresh water	119'-125'	20 bbls. per h
Greenbrier	limestone		515'	1620'	Gas	590-610'	very slight sh
					Oil	1140-1200'	faint trace dea oil
Maccrady	Shale		1620'	1750'			
Pocono	Sand & shale		1750'	2200'			
Upper devonian	shale & siltstone		2200'	6870'			
Marcellus	shale		6870	7155'			
Onondaga	chert		7155'	7241'	Gas	7216'	very slight sho
Oriskany	Sandstone		7241'	7355'			
Heldersberg	sandstone		7355'	7468'			
Helderberg	sandstone		7468'	7441	7155	7241	7355
Silurian ??	Limestone ?		7441	7556'	2471	2471	2471
					4684	4770	4884

Total depth 7556'

519



Dry Well