

W. O. AND GERTIE DOUGHERTY NO. 1 WELL.

Franklin District, Marshall County, W. Va.
By Clark Fagert, Clarington, Ohio.
Drilled under permit Mars-106.
W. C. Pickens, Newport, Ohio, contractor.
Elevation, 622' L.

Total depth, 615'.

Letter from Fagert to Price 12-22-53; from Price to Tucker 12-28-53.

"In reference to your letter of Dec. 16 in regards the Dougherty well No. 1 I had drilled about 1938 or 1939, W. C. Pickens, Newport, Ohio, was the contractor. At this late a date I do not know what became of the record. All I do know is that total depth was 615 ft. Elevation, 622 ft. Now Cow Run Sand. No Pittsburgh Coal. A broken up formation in general that did not match anything at near-by Prester."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Mars-106

Oil or Gas Well.....
(Kind)

Company <u>Henry Hagen</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Chapin, Ohio</u>	Size			
Farm <u>2 1/2</u> Acres	16			Kind of Packer.....
Location (waters).....	13			
Well No. <u>1</u> Elev.	10			Size of.....
District <u>Marshall</u> County <u>Marshall</u>	8 1/4	<u>52 ft.</u>		Depth set.....
The surface of tract is owned in fee by <u>Wm. H. Hagen</u>	6 1/2	<u>23 3/4</u>		
Address <u>Wm. H. Hagen</u>	5 3/16	<u>437 ft.</u>		Perf. top.....
Mineral rights are owned by <u>A. J. Hagen</u>	3			Perf. bottom.....
Address <u>Wm. H. Hagen</u>	2			Perf. top.....
Drilling commenced <u>Dec. 13, 1939</u>	Liners Used.....			Perf. bottom.....
Drilling completed <u>Dec. 31, 1939</u>				
Date shot..... Depth of shot.....				
Open Flow /10ths Water in..... Inch				
/10ths Merc. in..... Inch				
Volume..... Cu. Ft.	CASING CEMENTED.....	SIZE.....	No. Ft.....	Date.....
Rock Pressure..... lbs. hrs.				
Oil..... bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>123</u> FEET..... INCHES			
Fresh water..... feet..... feet FEET..... INCHES..... FEET..... INCHES			
Salt water..... feet..... feet FEET..... INCHES..... FEET..... INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay mud	Brown	soft	0	45	water	82	
Loamstone	Brown	soft	45	52			
			52	120			
Blue mud	blue	soft	120	123			
Coal	black	soft	123	128 1/2			
Coal	black	soft	128 1/2	208			
Blue mud	blue	soft	208	210			
Black shale	black	soft	210	415			
Red Rock	Red	soft	415	426			
Blue shale	blue	soft	426	434			
Red Rock	Red	soft	434	458			
Blue shale	blue	soft	458	459			
White Rock	white	soft	459	523			
Blue shale	blue	soft	523	530			
Blue shale	blue	soft	530	563			
Blue shale	blue	soft	563	570			
Blue shale	blue	soft	570	584			
Red Rock	Red	soft	584	615			
Red Rock	Red	soft	615	630			
Blue shale	blue	hard	630	635			

judged this black gravel took the place of Pittsburg coal

437' - 5 3/16"

small show of oil

small oil show

