



MINIMUM ERROR OF CLOSURE 1' in 200'

SOURCE OF ELEVATION USGS Elev. @ STREET INTERSECTION N 27° 30' E

950' from well Location Elev. 622

New Location
 Drill Deeper
 Abandonment

"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA."

Company McCULLOUGH OIL & GAS CORP
 Address PO Box 625 Parkersburg, W. Va.
 Farm A.V. CRISS
 Tract 4± Acres _____ Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 600.5
 Quadrangle Parkersburg SE
 County WOOD District Parkersburg
 Engineer H. J. Johnston
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date Feb 9, 1966 Scale 1" = 100'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

FILE NO. W00-529

cler: 2/

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

39-30
9-2



RECEIVED

NOV 23 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES & GAS DIVISION
OIL AND GAS WELLS DIVISION II

- Rotary
- Squidder
- Cable Tools
- Storage
- Oil or Gas Well **Oil**

Quadrangle Parkersburg
Permit No. Woo-529

WELL RECORD

Company <u>McCullough Oil & Gas Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Box 625, Parkersburg, W. Va.</u>	Size			Kind of Packer
Farm <u>A. V. Criss</u> Acres <u>4 more or less</u>	16		63	
Location (waters)	13		63	
Well No. <u>1</u> Elev.	10	263		Size of
District <u>Parkersburg</u> County <u>Wood</u>	8 1/4	896		Depth set
The surface of tract is owned in fee by	6 3/4	1,487		
Address	5 3/16		1,892	Perf. top <u>1,834</u>
Mineral rights are owned by	4 1/2			Perf. bottom <u>1,839</u>
Address	3			Perf. top
Drilling commenced <u>3-9-66</u>	2			Perf. bottom
Drilling completed <u>4-5-66</u>	Liners Used			
Date Shot From To				
With				
Open Flow /10ths Water in Inch	Attach copy of cementing record.			
/10ths Merc. in Inch	CASING CEMENTED <u>4 1/2</u> SIZE <u>1,870</u> No. Ft. <u>4/10/66</u> Date			
Volume Cu. Ft.	Amount of cement used (bags)			
Rock Pressure lbs. hrs.	Name of Service Co. <u>Lawson Cementing</u>			
Oil bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT FEET INCHES			
WELL ACIDIZED (DETAILS)	FEET INCHES FEET INCHES			
WELL FRACTURED (DETAILS)	FEET INCHES FEET INCHES			
Approx. 1,000 bbl. water & 30,000 lbs. sand injected into the perforations with an IP of 3,200 lbs.				
RESULT AFTER TREATMENT (Initial open Flow or bbls.) <u>30 bbl.</u>				
ROCK PRESSURE AFTER TREATMENT <u>625 lbs.</u> HOURS				
Fresh Water <u>58-60, 217</u> Feet	Salt Water <u>1,270</u> Feet			
Producing Sand <u>Berea</u>	Depth <u>1,828-1,840</u>			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Yellow	Soft	0	39			
Clay	White	Soft	39	53			
Shale		Soft	53	121			
Sand	Grey	Hard	121	145			
Shale	Grey	Soft	145	219			
Sand	Grey	Hard	219	280			
Shale	Grey-Red	Soft	280	360			
Lime	Grey	Hard	360	362			
Shale	Grey	Soft	362	405			
Sand	Grey Red	Soft	405	414			
Shale			414	458			
Sand			458	469			
Shale			469	476			
Red			476	530			
Hard			530	544			
Shale	Red	Cave	544	552			
Lime			552	556			
Red	Red		556	620			
Shale			620	650			
Lime	White	Hard	650	652			
Shale	Grey	Medium	652	709			
Little	Red		709	720			
Cow Run			720	745			
Shale	Grey		745	754			
Sand			754	760			
Slate	Black		760	778			
Sandy							
Slate	Grey		778	781			
Sand			781	829			

(over)

Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Grey	Hard	829	844			
Lime	Grey		844	850			
Sand			850	876			
Slate	Black		876	894			
Sandy Slate			894	928			
Sand	White		928	958			
Sandy Shale	Black		958	1,019			
Sand	Blue		1,019	1,044			
Shale			1,044	1,065			
Sand			1,065	1,150			
Shale	Black		1,150	1,165			
Sand	Grey	Hard	1,165	1,243			
Slate	Black	Soft	1,243	1,250			
Sand	Blue	Soft	1,250	1,307			
Sandy Slate	Black		1,307	1,346			
Sand			1,346	1,441			
Slate	Blue		1,441	1,455			
Black Lime			1,455	1,490			
Slate	Black		1,490	1,538			
Slate	Grey		1,538	1,595			
Sand			1,595	1,622			
Slate & Shale			1,622	1,810			
Shale	Brown		1,810	1,828			
Beena Slate			1,828	1,840			
Sandy Shale			1,840	1,869			
Shale		Hard	1,869	1,889			
Limy Sandy Shale			1,880	1,1,892			

Date October 29, 19 71

APPROVED _____, Owner

By W. T. McCallister
(Title)