



Fleet Cox  
 (A part of a 286 Ac. lease) 197 Ac.

Fleet Cox

MINIMUM ERROR OF CLOSURE 1/500±  
 SOURCE OF ELEVATION Well No 3, Elev. 1120

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 Wolf Run Oil & Gas Co.  
 Address Box 5, Huntington, W Va. 25700  
 Farm Fleet Cox  
 Tract 1 Acres 197 Lease No. \_\_\_\_\_  
 Well (Farm) No. 5 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1115  
 Quadrangle Holbrook EC  
 County Doddridge District Southwest  
 Engineer Parker E Peters  
 Engineer's Registration No. 485  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Sept 13, 1967 Scale 1" = 40P

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. DOD-1490

⊕ 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.

DEC 5 1967



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage   
Oil or Gas Well Gas (KIND)

Quadrangle Holbrook  
Permit No. Dodd 1490

WELL RECORD

Company Wolf Run Oil and Gas Co.  
Address Box 5-Huntington, W. Va.  
Farm Fleet Cox Acres. 286  
Location (waters) Straight Fork  
Well No. -5- Elev. 1115'  
District Southwest County Doddridge  
The surface of tract is owned in fee by Fleet Cox  
Address Auburn, W. Va.  
Mineral rights are owned by Fleet Cox  
Address Auburn, W. Va.  
Drilling commenced 12-27-67  
Drilling completed 1-23-68  
Date Shot From To  
With  
Open Flow 15/10ths Water in 2" Inch  
/10ths Merc. in Inch  
Volume 163,000 Cu. Ft.  
Rock Pressure 350 lbs. 14 hrs.  
Oil bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
1 3/8"	26'	26'	
103/4"	299'	-	Size of
8 1/4 5/8"	1041'	-	Depth set
6%			
5 3/16"			Perf. top
4 1/2"			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

WELL ACIDIZED (DETAILS)

Attach copy of cementing record.  
CASING CEMENTED 4 1/2" SIZE 2164 No. Ft. 1-25-68 Date  
Amount of cement used (bags) 65 Bags  
Name of Service Co Lawson Oil & Gas Well Cem. Co., Inc.  
COAL WAS ENCOUNTERED AT None FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) Water Frac-610 bbls. water-28,000 lbs. sand-500 gals. acid.

RESULT AFTER TREATMENT (Initial open flow or bbls.) 12# pressure on 2" springgare-?, 119,000 Cu. Ft.  
ROCK PRESSURE AFTER TREATMENT 650 HOURS 18hrs.  
Fresh Water X Feet 100 Salt Water None Feet  
Producing Sand Injun Depth 2082-2120

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			-0-	10			
bed Rock			10	40			
and			40	140			
Late			140	150			
bed Rock			150	160			
Late			160	165			
bed Rock			165	215			
me			215	220			
Late & Shells			220	245			
bed Rock			245	295			
Late			295	310			
me			310	325			
and			325	400			
bed Lime			400	445			
Late			445	470			
bed Rock			470	480			
Late			480	490			
bed Rock			490	575			
Late Shells			575	615			
bed Rock			615	620			
me			620	615			
Late			615	675			
bed Rock			675	695			
Late Shells			695	700			
me			700	715			
bed Rock			715	730			
Late & Shells			730	750			
bed Rock			750	820			
Late Shells			820	825			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime-gritty			825	860			
Slate			860	890			
Slate Shells			890	940			
Red Rock			940	965			
Slate			965	980			
Sand			980	1011			
Lime			1011	1045			
Slate			1045	1065			
Sand			1065	1115			
Slate			1115	1157			
Sand			1157	1185			
Slate & Shells			1185	1275			
Lime			1275	1285			
Sand			1285	1335			
Slate			1335	1340			
Lime			1340	1350			
Sand Broken			1350	1375			
Sand			1375	1420			
Slate			1420	1435			
Sand Broken			1435	1450			
Lime			1450	1460			
Sand			1460	1490			
Slate & Shells			1490	1555			
Sand Broken			1555	1565			
Sand			1565	1605			
Slate Shells			1605	1621			
Lime-gritty			1621	1636			
Slate			1636	1655			
Sand-Broken			1655	1680	Show of Gas		
Sand			1680	1700			
Sand Broken			1700	1709			
Sand			1709	1750	Show of Gas		
Slate			1750	1760			
Lime			1760	1776			
Sand			1776	1812			
Slate			1812	1845			
Sand Broken			1845	1860			
Slate			1860	1885			
Lime			1885	1948			
Sand Hard			1948	1990			
Slate			1990	1991			
Lime			1991	2035	Gas 93/10 W-1" @ 2010'		
Keener			2035	2057			
Lime			2057	2082	Gas tested @ 2087-3/10th-2" W		
Sand <i>Big Injun</i>			2082	2120	" " " 2114-4/10th.-2" W		
Slate			2120	2161	" " " 2121-6/10th.-" W		
Total Depth				2161			

Date 2-8, 1968

APPROVED Wolf Run Oil and Gas Co., Owner

By Rahut Okub  
(Title) Agent