

New Location.....
 Drill Deeper.....
 Abandonment.....

Elev. ref: - Junc. of roads SE of location: 1187'
 Error in Closure: - Less than 1' in 200'

3.685
 0.665

W. B. Swigel

Company WILCO OIL CO.
 Address % Collie C. Shrader, 817 3rd St., Williamstown, W. Va.
 Farm Frank Lowther
 Tract _____ Acres 49 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1136 -OK-kin 75' 400' 1132' 100'
 Quadrangle Centerpoint WC
 County Doddridge District Grant
 Engineer W. B. Swigel
 Engineer's Registration No. 1227
 File No. 77-A-36 Drawing No. _____
 Date Feb. 16, 1967 Scale 1" = 200' = 330'

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

WELL LOCATION MAP
 FILE NO. DOD-1444

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 2

Rotary
Spudder
Cable Tools
Storage

Quadrangle.....

WELL RECORD

Oil or Gas Well GAS & OIL ^{show}
(KIND)

Permit No. DOD-1444

Company COLLIE C. SHRADER, DBA
Address WILCO OIL & GAS CO., 817 3rd. Street
Williamstown, West Virginia 26187 Acres 49
Farm Frank Lowther Farm. Neds Run
Location (waters).....
Well No. 1 Elev. 1136
District GRANT County DODDRIDGE
The surface of tract is owned in fee by Frank Lowther
Address.....
Mineral rights are owned by CLIFF & OPAL T. WILSON
Pennsboro Address West Virginia

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16	19	19	
13			
10	282	None	Size of.....
8 1/4	1303	None	
6 1/2	1778	None	Depth set.....
5 3/16			
4 1/2	2299	2299	
3			Perf. top <u>2162</u>
2			Perf. bottom <u>2172</u>
Liners Used			Perf. top <u>2230</u>
			Perf. bottom <u>2236</u>

Drilling commenced MARCH 27, 1967
Drilling completed May 2, 1967
Date Shot..... From..... To.....

With.....
Open Flow 25/10ths Water in 2 InCh
/10ths Merc. in..... InCh

Attach copy of cementing record. 5/3/67
CASING CEMENTED 4 1/2 SIZE J55 No. Ft. 2299 Date

Volume 211,000 Cu. Ft.
Rock Pressure 600 lbs. 8 hrs.

Amount of cement used (bags) 75
Name of Service Co. DOWELL CHEMICAL COMPANY

Oil..... bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS).....

COAL WAS ENCOUNTERED AT..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

WELL FRACTURED (DETAILS) 1200 bbls. WATER 60,000 # Sand 500 Gal. Acid

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 12/10ths Merc. 4" - 2,144,000 ~~OIL?~~
ROCK PRESSURE AFTER TREATMENT 600 HOURS 8

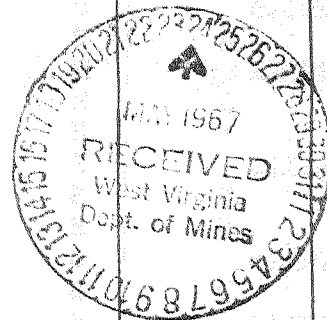
COAL WAS ENCOUNTERED AT..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

Fresh Water NON@ Feet..... Salt Water..... Feet.....
Producing Sand BIG INJUN Depth 2155

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
ROCK	G	S	0	40			
SHALE	G	S	40	42			
R. ROCK	R	S	42	46			
LIME	G	H	46	102			
LIME SHELLS		H	102	137			
SLATE & SHELLS		H	137	160			
R. ROCK	R	S	160	190			
SAND	W	H	190	235			
SLATE & SHELLS		H	235	335			
R. ROCK	R	S	335	350			
SLATE & SHELLS		H	350	368			
R. ROCK	R	S	368	432			
SLATE & SHELLS		H	432	448			
LIME	G	H	448	454			
SAND	W	H	454	479			
SLATE & SHELLS		H	479	528			
R. ROCK	R	S	528	545			
LIME	G	H	545	613			
SLATE & SHELLS		S	613	680			
R. ROCK	R	S	680	700			
SLATE & SHELLS		H	700	740			
LIME	G	H	740	786			
SLATE & SHELLS		H	786	800			
SAND	W	H	800	828			
SLATE & SHELLS		H	828	876			
R. ROCK	R	S	876	900			
SLATE & SHELLS		S	900	945			
LIME	G	H	945	976			
R. ROCK	R	S	976	1024			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
SLATE & SHELLS		H	1024	1065			
LIME	G	H	1065	1088			
RED ROCK	R	S	1088	1098			
SLATE & SHELLS		H	1098	1177			
LIME	G	H	1177	1200			
SLATE & SHELLS		H	1200	1302			
SAND	W	H	1302	1355			
SLATE & SHELLS		H	1355	1366			
SAND	W	H	1366	1406			
BLACK SLATE		S	1406	1419			
LIME	G	H	1419	1430			
SAND	W	H	1430	1457			
SLATE & SHELLS		S	1457	1479			
LIME	G	H	1479	1500			
SAND	W	H	1500	1525			
BLACK SLATE		S	1525	1634			
SAND	W	H	1634	1700			
BLACK SLATE		S	1700	1755			
SAND	W	H	1755	1812			
SLATE	G	S	1812	1890			
SAND	W	H	1890	1985			
PINK ROCK		S	1985	2015			
SLATE & SHELLS		H	2015	2032			
LIME		H	2032	2056			
SAND B ¹ MONDAY		H	2056	2076			
B ² LIME		H	2076	2155	GAS	2160	
K ¹ SAND		S	2155	2200	OIL	2195	
P ¹ INJUN		H	2200	2288	GAS	2229	
SLATE		S	2288	2299			



Date May 18, 1967
 APPROVED Collie C. Shrader, Owner
 By Collie C. Shrader Agent
 (Title)