

New Location ...
 Drill Deeper
 Abandonment

Company Hugh K. Spencer
 Address West Union, West Va.
 Farm Frank Ash et al
 Tract _____ Acres 140 Lease No. _____
 Well (Farm) No. FOUR Serial No. _____
 Elevation (Spirit Level) 943'
 Quadrangle West Union SE
 County Doddridge District West Union
 Engineer W. H. [Signature]
 Engineer's Registration No. 1327
 File No. _____ Drawing No. _____
 Date Sept. 28, 1962 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. Dod-886

+ 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.

6-6-91



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 6

Quadrangle West Union

Permit No. DOD#886

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company Hugh K. Spencer
Address West Union, W. Va.
Farm G. Frank Ash ET AL Acres 140
Location (waters) Middle Island Creek.
Well No. 4 Elev. 943
District West Union County Doddridge
The surface of tract is owned in fee by G. Frank Ash
West Union, Address W. Va.
Mineral rights are owned by Frank Ash & Charley
Smith Hrs. Address West Union, W. Va.
Drilling commenced October 1, 1962
Drilling completed December 6, 1962
Date Shot NO From _____ To _____
With _____
Open Flow 3 /10ths Water in _____ 1 Inch
_____/10ths Merc. in _____ Inch
Volume _____ 20 Cu. Ft.
Rock Pressure 200 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			<u>None</u>
13			Size of _____
10	<u>21'</u>		Depth set _____
8 1/4			Perf. top _____
6 5/8	<u>1086'6"</u>	<u>1086'6"</u>	Perf. bottom _____
5 3/16	<u>2087'1"</u>	<u>2087'1"</u>	Perf. top _____
3			Perf. bottom _____
2			
Liners Used			

CASING CEMENTED Yes SIZE 5 1/2 No. F2087'1" Date
15-SKS HI EARLY CEMENT.
COAL WAS ENCOUNTERED AT NO COAL FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

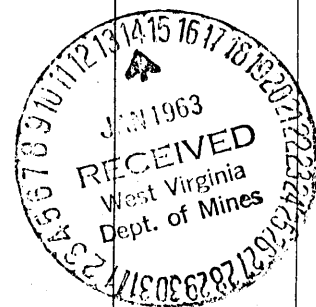
WELL FRACTURED Yes 800 BBL Water & 2000 Gal
Acid.

RESULT AFTER TREATMENT 2,000,000 & 5 BBL Oil Per day.

ROCK PRESSURE AFTER TREATMENT 800# 24-Hrs.

Fresh Water NO Feet _____ Salt Water NO Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			00	10			
R. Rock			10	50			
Sand			50	75			
R. Rock			75	125			
Lime			125	145			
Shale			145	165			
R. Rock			165	225			
Lime			225	265			
Red Rock			265	295			
Broken Lime			295	325			
R. Rock			325	445			
Slate			445	490			
Lime			490	515			
R. Rock			515	544			
Lime			544	550			
Slate			550	565			
R. Rock			565	600			
L. Broken			600	675			
R. Rock			675	695			
Lime			695	863			
Slate & Shells			863	876			
Slate			876	890			
R. Rock			890	937			
Shale			937	940			
Lime			940	955			
Shale			955	965			
R. Rock			965	970			
Shale			970	1034			
L. Shell			1034	1036			
Sand			1076	1090			



Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Lino			1090	1110	Gas	1082'	
Slate & Shells			1110	1145			
Red Rock			1145	1160			
Lime			1160	1253			
Sand			1253	1262			
Slate			1262	1270			
Lime			1270	1290			
Slate & Shells			1290	1310			
Lime			1310	1372			
Sand			1372	1435			
Slate & Shells			1435	1500			
G. Lims			1500	1535			
Sand			1535	1630			
Slate			1630	1715			
Sand			1715	1803			
Slate			1803	1857			
Lime			1857	1890			
Sand			1890	1925			
N. Rock			1925	1942			
Hard Lino.			1942	1989			
Slate			1989	1993			
Sand			1993	2005			
Big Lino			2005	2110	Gas	2115-2120 2182-2191	20-4
Big Injun			2110	2192			

Date Jan 12, 1933
APPROVED Thos. Spencer, Owner
By Thos. Spencer
(Title)