



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

NOTE: W.R. Smith Est. % Chas. R. Smith, West Union, W. Va. owns in Fee.

Company HUGH K. SPENCER, AGT.
 Address WEST UNION, W. VA.
 Farm W.R. & MARY F. SMITH ESTATE
 Tract _____ Acres 217 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1043'
 Quadrangle WEST UNION SE
 County DODDRIDGE District CENTRAL
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date OCT. 28, 1960 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. DOD 495

+ 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.

2295
418



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Quadrangle West Union

Permit No. DOD-405

WELL RECORD

Oil or Gas Well GAS

Company Hugh K. Spencer.
Address West Union, W. Va.
Farm W. R. Smith Hrs. Acres 213
Location (waters) Arnold Creek
Well No. W. R. Smith Hrs. #1 Elev. 1043
District Central County Doddridge
The surface of tract is owned in fee by W. R. Smith Hrs.
Address West Union, W. Va.
Mineral rights are owned by W. R. Smith Hrs.
Nellie Smith ACE. Address West Union, W. Va.
Drilling commenced 11-25-1960
Drilling completed 1-23-61
Date Shot NO From _____ To _____
With _____
Open Flow NO/10ths Water in _____ Inch
_____/10ths Merc. in _____ Inch
Volume Slow. Cu. Ft.
Rock Pressure 228 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED 100 Gallon
WELL FRACTURED Yes 440 Burrell Water.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>None</u>
13			Size of
10	<u>100</u>	<u>100</u>	Depth set
8 1/4	<u>735</u>		Perf. top
6 3/4	<u>1769</u>	<u>1769</u>	Perf. bottom
5 3/16			Perf. top
3			Perf. bottom
2			
Liners Used	<u>None</u>		

CASING CEMENTED NO SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 150 W.

ROCK PRESSURE AFTER TREATMENT 230 1/2

24 Hrs.

Fresh Water 45 Feet

Salt Water None Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	30			
Slate			30	40			
Lime			40	67			
Red Rock			67	85			
Gritty Lime			85	100			
Red Rock			100	125			
Lime			125	143			
Sand			143	165			
Slate			165	170			
Red Rock			170	225			
Slate			225	253			
Red Rock			253	271			
Lime			271	281			
Red Rock			281	290			
Lime			290	310			
Red Rock			310	340			
Sand			340	410			
Slate & Shells			410	435			
Red Rock			435	440			
Lime			440	495			
Slate			495	500			
Lime Hard			500	516			
Red Rock			516	520			
Slate			520	595			
Lime			595	605			
Red Rock			605	710			
Slate			710	727			
Red Rock			727	760			
Sand			760	779			
Slate			779	806			

Formation	Color	Hard or Soft	Top 5	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			806	840			
Sand			840	873			
Slate & Shell			873	930			
Sand			930	1015			
Slate			1015	1017			
Lime			1017	1056			
Slate			1056	1130			
Sand			1130	1132			
Lime			1132	1215			
Sand			1215	1280			
Slate			1250	1267			
Sand			1287	1370			
Slate			1370	1382			
Sand			1382	1400			
Slate			1400	1429			
Lime			1429	1443			
Slate			1446	1523			
Sand			1523	1618			
Slate			1616	1630			
Lime			1630	1660			
Slate			1630	1655			
Red Rock			1665	1673			
L. Lime			1676	1700			
Slate			1700	1710			
Lime			1710	1723			
Slate			1722	1736			
Big Lime			1736	1841			
Big Injua			1841	1911	Gas 1882	Show	
Slate			1811	1915			
Sand			1915	1935			

Date....., 19..

APPROVED....., Owner

By..... (Title)