



Company HUGH K. SPENCER
 Address WEST UNION, W. VA.
 Farm J.M. McKINNEY ET UX
 Tract _____ Acres 42 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1183'
 Quadrangle WEST UNION SE
 County DODDRIDGE District WEST UNION
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date JUNE 5, 1960 Scale 1" = 20 POLES

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

WELL LOCATION MAP
 FILE NO. DOD-397

+ 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.

TOO CROWDED TO PLOT



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 3

Quadrangle West Union

Permit No. DOD-397

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company High K. Spencer
Address West Union, W. Va.
Farm J.M. McKinney ET UX Acres 42
Location (waters) Middle Island Creek.
Well No. 1 Elev. 1183
District West Union, County Doddridge
The surface of tract is owned in fee by J.M. McKinney
West Union, W. Va. Address _____
Mineral rights are owned by J.M. McKinney, West Union
E. L. Summers, Address Salem, W. Va.
Drilling commenced 10-5-60
Drilling completed 11-7-60
Date Shot NO From _____ To _____
With _____
Open Flow 8/10ths Water in _____ 1 Inch
_____/10ths Merc. in _____ Inch
Volume _____ 30 Cu. Ft.
Rock Pressure _____ 480 lbs. _____ 24 hrs.
Oil NO _____ bbls., 1st 24 hrs.
WELL ACIDIZED Yes 300 Gallon
WELL FRACTURED Yes 700 BBL Water.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			None
13			Size of
10	<u>146</u>		Depth set
8 1/4	<u>1135</u>		Perf. top
6 5/8	<u>1960</u>	<u>1960</u>	Perf. bottom
5 3/16			Perf. top
3			Perf. bottom
2			
Liners Used			

CASING CEMENTED Yes SIZE 7" No. Ft. 1960 11-2D60
See note on reverse side
RECORD SHOWS NO COAL
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 1,300.00

ROCK PRESSURE AFTER TREATMENT 490 10 Minutes

Fresh Water 150 Feet Salt Water No Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			00	14			
Sand			10	40			
Red Rock			40	100			
Slate			100	150			
Sand			150	185			
Red Rock			185	195			
Slate & Shell			195	220			
Red Rock			220	230			
Slate			230	260			
Sand			260	300			
Red Rock			300	315			
Slate & Shell			315	325			
Sand			325	350			
Slate & Shell			350	450			
Red Rock			450	500			
Slate & Shell			500	560			
Red Rock			560	570			
Slate & Shell			570	745			

(over)



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			745	770			
Slate			770	780			
Red Rock			780	795			
Slate & Shell			795	825			
Red Rock			825	855			
Slate & Shell			855	945			
Red Rock			945	960			
Sand			960	970			
Slate			970	985			
Sand			985	1015			
Slate			1015	1030			
Red Rock			1030	1050			
Slate			1050	1125			
Sand			1125	1150			
Slate & Shell			1150	1265			
Sand			1265	1327			
Slate & Shell			1327	1425			
Sand			1425	1512			
Slate & Shell			1512	1535			
Sand			1535	1583			
Slate & Shell			1583	1630			
Sand			1630	1725			
Slate & Shell			1725	1780			
Sand			1780	1805			
Slate			1805	1853			
Sand			1853	1883			
Lime			1883	1895			
Slate			1895	1901			
Sand Maxsoh			1901	1912			
Slate			1912	1916			
Lime Big			1916	2015			
Sand Big Injun			2005	2100	T. D. Gas	2027	8/10 Water 1"

NOTE: The Contractor Cemented the 7" with 5- Bags Cement. and Used 7-Bags of Aquagel In Aquagelling 7" Casing.