

New Location NOTE: Mineral Rights owned by Mary Gertrude Finley, West Union, W. Va.
 Drill Deeper
 Abandonment

Company OLIN B. WETZEL, AGENT
 Address 302 WEST MAIN STREET
WEST UNION, W. VA.
 Farm ORILES & MAGNOLIA HOALCRAFT
 Tract _____ Acres 82 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 997'
 Quadrangle WEST UNION SE
 County DODDRIDGE District West Union
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date NOV. 13, 1960 Scale 1" = 30 POLES

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

WELL LOCATION MAP
 FILE NO. Dod-501

+ 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.

M.F. 100 IMPERIAL 66008
 Too Crowded To Plot



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Quadrangle WEST UNION

Permit No. DOD-501

WELL RECORD

Oil or Gas Well BOTH
(KIND)

Company CLIN E. WETZEL, AGENT
Address 302 W. MAIN STREET, WEST UNION,
Farm ORILES & MAGNOLIA HOALCRAFT 82
Location (waters) PIGGOON RUN
Well No. 1 Elev. 997
District WEST UNION County DODDRIDGE
The surface of tract is owned in fee by ORILES &
MAGNOLIA HOALCRAFT, RT. 2, WEST UNION
Mineral rights are owned by GERTRUDE FINDLEY
Address WEST UNION, W. VA.
Drilling commenced FEBRUARY 15, 1961
Drilling completed APRIL 21, 1961
Date Shot From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	16 FT. CONDUCTOR		
16	CONDUCTOR 16 FT.		Kind of Packer
13			IN CASING
10	300' 10"		Size of 7"
8 1/4	1125' 6"	350' 8"	Depth set 1755'
6 3/4	1859'	1859'	
5 3/16	2101'	2101'	Perf. top 1800'
3			Perf. bottom
2	2101'	2101'	Perf. top
Liners Used			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 150,000.00 Cu. Ft.
Rock Pressure 430 140 lbs. 24 hrs.
Oil 6.7 bbls., 1st 24 hrs.
WELL ACIDIZED YES

CASING CEMENTED 5 1/2 SIZE 100' No. Ft. 4/12/61 Date
8 sks. Cement - Garaton Service
COAL WAS ENCOUNTERED AT 705 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED YES, APRIL 25, 1961

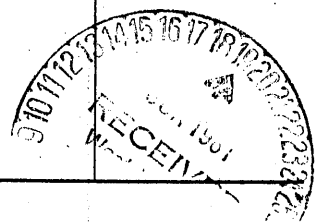
RESULT AFTER TREATMENT SOME INCREASE IN PRODUCTION.

ROCK PRESSURE AFTER TREATMENT 430 24 Hours

Fresh Water 165 Feet Salt Water 1390 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
TOP SOIL			0	5			
CLAY			5	25			
SAND			25	58			
ROCK	RED		58	65			
LIME			65	68			
SHALE			68	69			
ROCK	RED		69	85			
SLATE			85	105			
LIME			105	135			
SLATE			135	158			
LIME & SHALES			158	165			
SAND			165	176	WATER	165	
LIME			176	186			
LIME		BROKEN	186	200			
SAND		HARD	200	208			
LIME			208	215			
ROCK	RED		215	230			
LIME		BROKEN	230	245			
SHALE			245	247			
ROCK	RED		247	260			
LIME			260	298			
ROCK	RED		298	300			
LIME			300	335			
SAND			335	338	OIL	335	
LIME			338	353			
SLATE			353	370			
ROCK	RED		370	384			
LIME			384	410			
ROCK	RED		410	431			

(over)



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
LIME			431	450			
ROCK	RED		450	455			
LIME			455	470			
ROCK	RED		470	480			
LIME			480	497			
SHALE & SHELLS			497	535			
SAND			535	550			
LIME			550	567			
ROCK	RED		567	570			
LIME	DARK		570	580			
ROCK	RED		580	590			
SLATE			590	593			
LIME			593	605			
SLATE			605	620			
LIME		HARD	620	660			
SLATE & SHELLS			660	690			
LIME			690	705			
COAL & SLATE			705	708			
LIME		HARD	708	747			
ROCK	RED		747	760			
SLATE & SHELLS			760	965			
ROCK	RED		965	1042			
SLATE =	BLUE		1042	1126			
SAND	WHITE		1126	1156			
SLATE	WHITE		1156	1200			
LIME	WHITE	HARD	1200	1255			
SAND			1255	1272			
SLATE			1272	1308			
SAND			1308	1321			
SLATE	DARK		1321	1386			
SAND	DARK	HARD	1386	1414			
SLATE		SOFT	1414	1449	WATER	1390	
SAND	WHITE		1449	1500			
SLATE	BLACK		1500	1523			
SAND	WHITE		1523	1575			
SLATE	BLACK		1575	1625			
SAND			1625	1787			
SLATE	BLACK		1787	1795			
SAND (MAXIM)			1795	1845	OIL	1800	
SLATE & SHELLS			1845	1910			
LIME	DARK	HARD	1910	1953			
SLATE			1953	1957			
LIME	WHITE & BLACK		1957	1966			
LIME	BIG LIME		1966	2031	GAS	2015	
SAND	ENGIN		2031	2074			
SLATE			2074	2101			

Date June 16, 1961
APPROVED C. C. Blodgett, Asst., Owner
By _____ (Title)