

Company FORD DEVELOPMENT CO.
 Address 90 W.A. FORD WEST UNION, W.VA.
 Farm IDA F. FORD
 Tract _____ Acres 90 85/100 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 769'
 Quadrangle WEST UNION - SE
 County DODDRIDGE District WEST UNION
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date MAY 3, 1960 Scale 1" = 30 FEET

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

WELL LOCATION MAP
 FILE NO. DOD-379

+ 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 9

Quadrangle West Union
Permit No. dOD -379

WELL RECORD

Oil or Gas Well Both
(KIND)

Company Ford Development Company
Address 213 Cheuvront Av., West Union W.Va.
Farm IDA F. FORD Acres 328
Location (waters) Middle Island Creek
Well No. 1 Elev. 769
District West Union County Doddridge
The surface of tract is owned in fee by Ida F. Ford
Address West Union, W.Va.
Mineral rights are owned by Ida F. Ford
Address West Union W.Va.
Drilling commenced May 27, 1960
Drilling completed July 14, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow 2/10ths Water in Two Inch
_____/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 95 lbs. 24 hrs.
Oil 0 bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED By Dowell July 23, 1960

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			None
16			Kind of Packer
13			
10	24ft	0	Size of
8 1/4	292	0	
6 3/4	916	916	Depth set
5 3/16	1706	1706	
3			Perf. top
2		1822	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

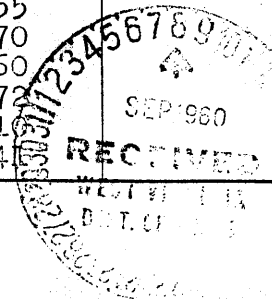
CASING CEMENTED yes SIZE 5" No. Ft. 1706 Date 7/7/60

COAL WAS ENCOUNTERED AT 390 FEET INCHES
____ FEET INCHES FEET INCHES
____ FEET INCHES FEET INCHES

RESULT AFTER TREATMENT Estimated 700,000 Gas 5 bbls. Oil 24 hrs.
ROCK PRESSURE AFTER TREATMENT 565 lbs.
Fresh Water yes Feet 150 Salt Water none Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0 ft.	14ft.		14ft.	
quicksand			14	25		25	
Lime			25	50		50	
Red White			50	100		100	
Red			100	125		125	
Lime White			125	190		190	
Lime Red			190	200		200	
Slate W.			200	212		212	
Lime Red			212	240		240	
Lime Red			240	250		250	
Slate W.			250	260		260	
Sand Gray			260	280		280	
Slate W.			280	300		300	
Sand			300	335		335	
lime			335	390		390	
Slate Black			390	400		400	
Lime Black		Real Hard	400	420		420	
Shale			420	485		485	
Lime Red			485	510		510	
Shale			510	540		540	
Shale P			540	550		550	
Sand Gray			550	560		560	
Red R.			560	625		625	
Sand			625	645		645	
Red R.			645	655		655	
Sand Gray			655	670		670	
Red R. & Slate			670	760		760	
Lime Shells			760	772		772	
Shale Red			772	810		810	
Lime			810	841		841	

(over)



Formation	Color	Hard or Soft	Top 9	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			841	875		875	L D
B Lime			875	900		900	
Sand			900	980		980	Hard&SoftB
Lime G		Hard	980	1000		1000	
Sand			1000	1050		1050	1 Salt
Slate			1050	1052		1052	
Sand			1052	1110		1110	2 Salt
Shale			1110	1215		1215	
Sand			1215	1316		1316	3 Salt
Shale			1316	1335		1335	
Sand			1335	1485	Oil Smell	1340	4 Salt
Lime			1485	1500			
Sand			1500	1515			5 Salt
Slate			1515	1530			
Lime			1530	1535			
Sand W.			1535	1606	Oil Show	1540	Maxon
Slate			1606	1620			
Shale	Pink		1620	1635			
Lime L			1635	1650			
Slate			1650	1663			
Lime B			1663	1760			
Sand			1760	1825	Oil Smell	1822	
Lime B	Black		1825				

Date Sept 3, 1966

APPROVED Paul Development Company, Owner

By Paul C. [Signature]
(Title)