

New Location NOTE:
 Drill Deeper Ida F. Ford, West Union, W. Va. owns in Fee.
 Abandonment

Company 910 HAROLD FORD FORD DEVELOPMENT CO.
 Address 213 CHEVERONT AVE. WEST UNION, W. VA.
 Farm IDA F. FORD
 Tract _____ Acres 114 3/4 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 897'
 Quadrangle WEST UNION SE
 County DODDRIDGE District WEST UNION
 Engineer John W. Hamilton
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date JUNE 11, 1961 Scale 1" = 30 FEET

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

WELL LOCATION MAP
 FILE NO. D00-564

+ 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.

660

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

Quadrangle West Union

Permit No. DOD-564

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. 3 Elev. 897
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 I. F. Ford, Ray Coleman
& Gladys Crislip Address West Union, W. Va.
Drilling commenced July 26, 1961
Drilling completed Oct. 11, 1961
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume per 24 hrs. 220,000 Cu. Ft.
Rock Pressure 210 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

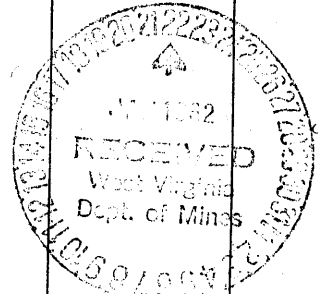
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10. XXXX	24'	0	Size of _____
8 3/4	210'	0	
6 3/4	922'	0	Depth set _____
5 3/16	1927'	1927'	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 5 1/2 SIZE 1927 No. Ft. 10/4/61 Date
See Record attached - 15 sks. cement
2 sks. aquagel GARATON
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
None Meager Show at 543 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED Oct. 19, 1961 by Dowell

RESULT AFTER TREATMENT Estimated 500,000 Gas 5 bbls. Oil 24 hrs.
ROCK PRESSURE AFTER TREATMENT 490 lbs. 48 hrs
Fresh Water 75 ft. & 170 Feet Salt Water None Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	10			
Sand			10	15			
Slate			15	25			
Lime			25	40			
Red Rock			40	60			
Slate Shells			60	100	Water	75'	5 bbls Hr.
Lime			100	165			
Red Lime			165	185	Water	170'	16 bbls Hr.
Slate & Shells			185	195			
Red Rock			195	210			
Sand			210	250			
Red Rock			250	380			
Slate			380	430			
Lime & Red Rock			430	480			
Sand			480	525			
Red Rock			525	530			
Lime		hard	530	543			
Shale	dark		543	590			
Slate	light	hard	590	615			
Lime & Slate gray			615	690			
Red Rock			690	693			
Lime Shells			693	720			
Pink Rock			720	755			
Lime Shells			755	765			
Rock	Red		765	770			
Shale	Brown		770	785			



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock	Red		785	819			
Lime			819	823			
Rock	Red		823	840			
Lime		hard	840	860			
Slate	Dark		860	880			
Lime		Hard	880	905			
Sand			905	935			
Rock	Red		935	942			
Lime Shells			942	975			
Blate			975	995			
Mud	White		995	1000			
Lime		Hard	1000	1040			
B.D. Sand			1040	1055			
Sand			1055	1067	Gas	1065	Smell
Lime		hard	1067	1205			
Slate			1205	1210			
Sand			1210	1248			
Lime		hard	1248	1258			
Sand			1258	1283	Show Water	1283	
Shale	Brown		1283	1345			Cave
Lime			1345	1380			
Sand 1st salt			1380	1485			
Slate & Shells			1485	1570			
Sand			1570	1654			
Slate	Black		1654	1664			
Sand		Corse	1664	1700			
Slate & Shells			1700	1720			
Lime gritty			1720	1748			
Sand			1748	1765			
Lime Dark			1765	1780			
Rock	Red6		1780	1796			
Slate			1796	1810			
Lime		Hard	1810	1836			
Lime	Blue Monday	V.H.	1836	1840			
Slate			1840	1845			
Big Lime			1845	1925	oil	1892	show
Sand Injun	dark	hard	1925	1928			
Sand "	"	"	1928	1937			fine
Sand "	Gray	"	1937	1940			fine
Sand "	Gray		1940	1964	gas	1960	sand looks goc
Sna d "			1964	1966	gas		increase
Sand "		hard	1966	2010			fine
Slate	dark		2010	2018			
Sand Squaw		hard	2018	2025			fine

Date June 17, 1962

APPROVED [Signature], Owner

By [Signature] (Title)