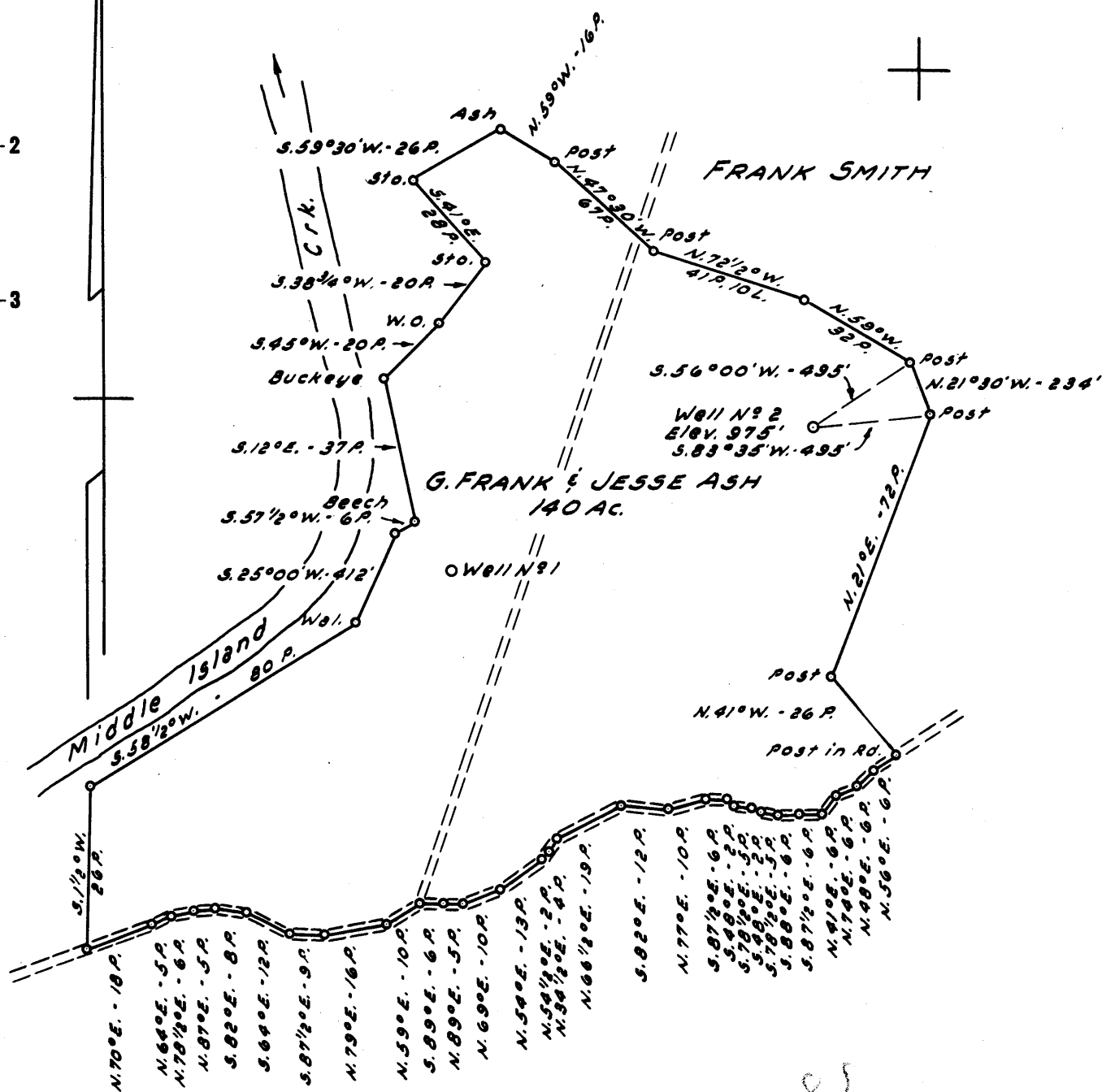


Latitude 39° 20'

Longitude 80° 45'



1.685
1.55

New Location
 Drill Deeper
 Abandonment

NOTE:
 G. Frank & Jesse Ash own in Fee.

Company HUGH K. SPENCER
 Address WEST UNION, W. VA.
 Farm G. FRANK & JESSE ASH
 Tract _____ Acres 140 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 975'
 Quadrangle WEST UNION-S 5 E
 County DODDRIDGE District WEST UNION
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date MAR. 23, 1960 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. DOD-336

+ 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 4

Quadrangle WEST UNION

WELL RECORD

Permit No. DOD 336

Oil or Gas Well Gas.
(KIND)

Company Hugh K. Spencer.
Address West Union, W. Va.
Farm Frank & Jesse Ash. Acres 140
Location (waters) Middle Island Creek.
Well No. 2 Elev. 975
District West Union, County Doddridge.
The surface of tract is owned in fee by Frank & Jesse Ash.
West Union, W. V. Address _____
Mineral rights are owned by Frank Jesse Ash
Charles Smith Address West Union, W. Va.
Drilling commenced 4-19-60
Drilling completed 6-15-60
Date Shot No From _____ To _____
With _____
Open Flow 2/10ths Water in _____ 1 Inch
_____ /10ths Merc. in _____ Inch
Volume _____ 18 Cu. Ft.
Rock Pressure 460 lbs. 24 hrs.
Oil _____ No. _____ bbls., 1st 24 hrs.
WELL ACIDIZED Yes 500 Gallons.
WELL FRACTURED Yes, 600 Bbl Water.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>None.</u>
13			Size of _____
10			Depth set _____
8 3/4	<u>403</u>		Perf. top _____
6 3/4	<u>1023</u>		Perf. bottom _____
5 3/16	<u>1845</u>	<u>1845</u>	Perf. top _____
3			Perf. bottom _____
2			
Liners Used	<u>No</u>		

CASING CEMENTED 5 1/2 SIZE 1845 No. Ft. 5-20-60 Date
15 bags cement - 5 bags aquagel - Lawson Cementing
Co.
RECORD SHOWS NO COAL.
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 1.250.000

ROCK PRESSURE AFTER TREATMENT 690 # 2 Hrs.

Fresh Water _____ 100 Feet _____ no Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			2'	10'			
Clay			10'	25'			
Shale			25'	65'			
Red Rock			65'	98'			
Sand			98'	102'			
Red Rock			102'	135'			
Sand.			135'	158'			
Shale.			158'	165'			
Red Rock.			165'	168'			
Lime.			168'	178'			
Shale			178'	205'			
Red Rock			205'	230'			
Lime			230'	242'			
Sand.			242'	260'			
Lime.			260'	300'			
Red Rock			300'	322'			
Lime.			322'	340'			
Red Rock			340'	360'			
Sand			360'	390'			
Shale & Shell			390'	428'			
Shale Sandy			428'	448'			
Red Rock			448'	470'			
Slate			470'	590'			
Shale			590'	620'			
Red Rock			620'	635'			
Slate			635'	655'			
Red Rock			655'	700'			
Shale.			700'	740'			
Lime.			740'	752'			
Red Rock			752'	760'			



Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime.			760'	779'			
Slate.			770'	795'			
Shale.			795'	830'			
Red Rock			830'	855'			
Slate.			855'	870'			
Sand			870'	892'			
Slate			892'	920'			
Shale.			920'	930'			
Lime.			930'	935'			
Slate Shells,			935'	950'			
Sand			950'	955'			
Lime.			955'	970'			
Slate.			970'	1023'			
Dand, Dunkard.			1023'	1053'			
Slate.			1053'	1070'			
Lime.			1070'	1090'			
Shale.			1090'	1100'			
Sand.			1100'	1140'			
Slate			1140'	1255'			
Lime.			1255'	1276'			
Slate Shells			1276'	1325'			
Sand			1325'	1355'			
Slate Shells,			1355'	1400'			
Shale			1400'	1415'			
Sand.			1415'	1438'			
Slate			1438'	1525'			
Sand.			1525'	1575'			
Slate.			1575'	1614'			
Lime.			1614'	1625'			
Slate Shells			1625'	1720'			
Shale Shells,			1720'	1750'			
Lityle Lime.			1750'	1760'			
Shale & Pencil Cave.			1760'	1780'			
Big Lime.			1780'	1880'	OIL	1833-1837'	Cased Off.
Big Injun			1880'	1970'	GAS.	1885'-1890'	2/10 W, "
Shale			1970'	1972'			

Date 4-6, 1960

APPROVED [Signature], Owner

By [Signature] (Title)