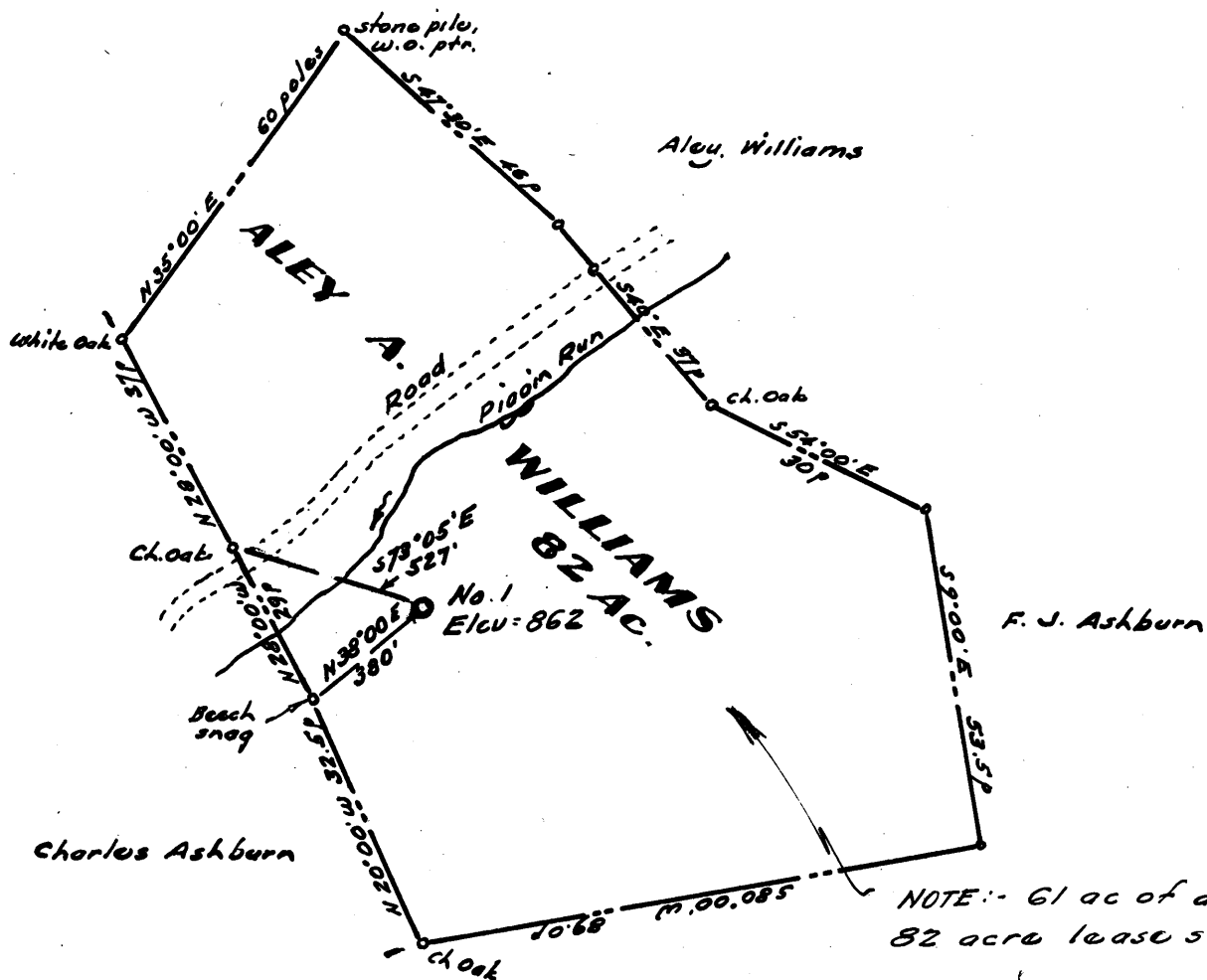


Latitude 39 ° 20 '

Longitude 80 ° 45 '



1.000
0.58

No coal
Surface :- Aley A. & Stella M. Williams,
Rural Route, West Union, W. Va.

- New Location ..
- Drill Deeper
- Abandonment.....

Company **BOWER, HALL & WETZEL**

Address c/o Olen Wetzel, West Union, West Va.

Farm Aley A. Williams

Tract _____ Acres 82 Lease No. _____

Well (Farm) No. One Serial No. _____

Elevation (Spirit Level) 862

Quadrangle West Union SE

County Doddridge District West Union

Engineer W. S. Hester

Engineer's Registration No. 1227

File No. _____ Drawing No. _____

Date April, 1960 Scale 1" = 30 p = 495'

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

WELL LOCATION MAP

FILE NO. DDO-357

+ 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

Quadrangle West Union

Permit No. DOD-357

WELL RECORD

Oil or Gas Well Gas

Company Bower-Hall & Wetzel
Address West Union, W. Va.
Farm Aley A. Williams Acres 82
Location (waters) Piggin Run
Well No. 1 Elev. 862
District West Union County Dodridge
The surface of tract is owned in fee by Aley & Stella Williams Address West Union
Mineral rights are owned by Aley & Stella Williams ET&A Address West Union
Drilling commenced June 7th 1960
Drilling completed July 8th 1960
Date Shot _____ From _____ To _____
With _____
Open Flow 6 /10ths Water in _____ 2" Inch
_____ /10ths Merc. in _____ Inch
Volume 116000 Cu. Ft.
Rock Pressure 150 lbs. 27 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	Conductor	16'	Size of
8 1/4	271		
6 3/4	1056		Depth set
5 3/16		1906	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5 1/2 SIZE 500 No. Ft. _____ Date July 10, 1960 - Guarator Service
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED 7-13-1960

RESULT AFTER TREATMENT None

ROCK PRESSURE AFTER TREATMENT same

Fresh Water 85' Feet none Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	20			
Slate			20	30			
Red Rock			30	52			
Slate			52	80			
sand			80	103			
Slate			103	125			water 85' hole full
Red Rock			125	153			
Sand			153	172			
Slate			172	178			
Red Rock			178	185			
Slate			185	204			
Red Rock			204	230			
Sand			230	266			
Slate			266	273			
Red Rock			273	285			3" pipe 2
Lime			285	318			271 ft
Red Rock			318	334			
Lime			334	396			
Slate			396	425			
Sand			425	445			
Slate			445	497			
sand			497	515			
Slate			515	519			
Lime			519	553			
Slate & Shell			553	738			
Red Rock			738	765			
W.Slate			765	780			
Red Rock			780	794			
Slate & Shell			794	849			

Formation	Color	Hard or Soft	Top δ	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock			849	880			
Sand			880	915			
Slate			915	922			
Red Rock			922	943			
Slate & Shell			943	963			
Red Rock			963	990			
Slate			990	1051			
Lime			1051	1069		7" Pipe 1056 ft	
Sand			1069	1078			
Lime - Broken			1078	1140			
Sand			1140	1150			
Lime			1150	1172			
Sand			1172	1205			
Slate & Shell			1205	1345			
Sand			1345	1440			
Slate			1440	1506			
Sand			1506	1632			
Slate			1632	1664			
Sand			1664	1709			
Slate			1709	1791			
Little Lime			-1781	1816			
Pencil Cave			1816	1820			
Big Lime			-1820	1905			
Sand			1905	1928		5" Pipe 1906 ft	
Slate			1928	1930			
Sand			1930	2031		Cas 1982-1990	
Slate			2031	2047 T.D.			

Date July 26, 1960
APPROVED Robert H. Hall and W. E. Vogel, Owner
By Oliver B. Witzel Request
(Title)