



"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company OIL INVESTORS ASSOCIATION INC.

Address CHARLESTON W. VA.

Farm HOWARD C. SMITH

Tract Acres 60 Lease No. _____

Well (Farm) No. SMITH #1 Serial No. _____

Elevation (Spirit Level) 672.27'

Quadrangle CHARLESTON NW

County KANAWHA District UNION

Engineer Arthur K. Banks

Engineer's Registration No. 1530

File No. S-423 Drawing No. 1

Date Feb 28, 1968 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. KAN-2229

+ 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 WELLS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Kenna 15Min

Permit No. KAN-2229

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company <u>Oil Investors' Association, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Jonesville, Michigan</u>	Size			
Farm <u>Howard Smith</u> Acres <u>60</u>	16			Kind of Packer
Location (waters)	13	250'	250'	
Well No. <u>#1</u> Elev. <u>KB 672.27</u>	10			Size of
District <u>POCA</u> County <u>Kanawaha</u>	8 5/8	1835'	1835'	Depth set
The surface of tract is owned in fee by <u>Howard Smith</u>	6 5/8			
Address	5 3/16 1/2	160 sks	5406'	
Mineral rights are owned by <u>Howard Smith</u>	4 1/2			Perf. top <u>4707'</u>
Address	3			Perf. bottom <u>4719'</u>
Drilling commenced <u>March 1, 1968</u>	2" Tubing		4667'	Perf. top
Drilling completed <u>March 23, 1968</u>	Liners Used			Perf. bottom
Date XXX Fraced XXXX <u>April 8</u> From To				
With <u>Sand & Water</u>				

Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume 700M Natural Cu. Ft.
 Rock Pressure 1100 lbs lbs. hrs.
 Oil 1 bbl bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) 1100 bbl water & 41,000 lbs of sand

Attach copy of cementing record.
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 Amount of cement used (bags) _____
 Name of Service Co. Well Service
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 2.7MM 2,700 McE 7,700,000
 ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
 Fresh Water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand Oriskany Depth 4707-4719

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
<u>Oriskany</u>		Hard	4707	4719	Gas		
<u>Newburg</u>		Hard	5446	5458	Sl Sh Gas		
Plugged back with cement from 5490' to approximately 5035'. <u>McKenzie</u> Total depth <u>5490'</u>							
No other sample information available.							
				5490 4719 771			

