

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 IN 200
 Source of Elevation U.S.G.S. Elev. 590' ROAD & DRIVEWAY INTERSECTION.
 "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."

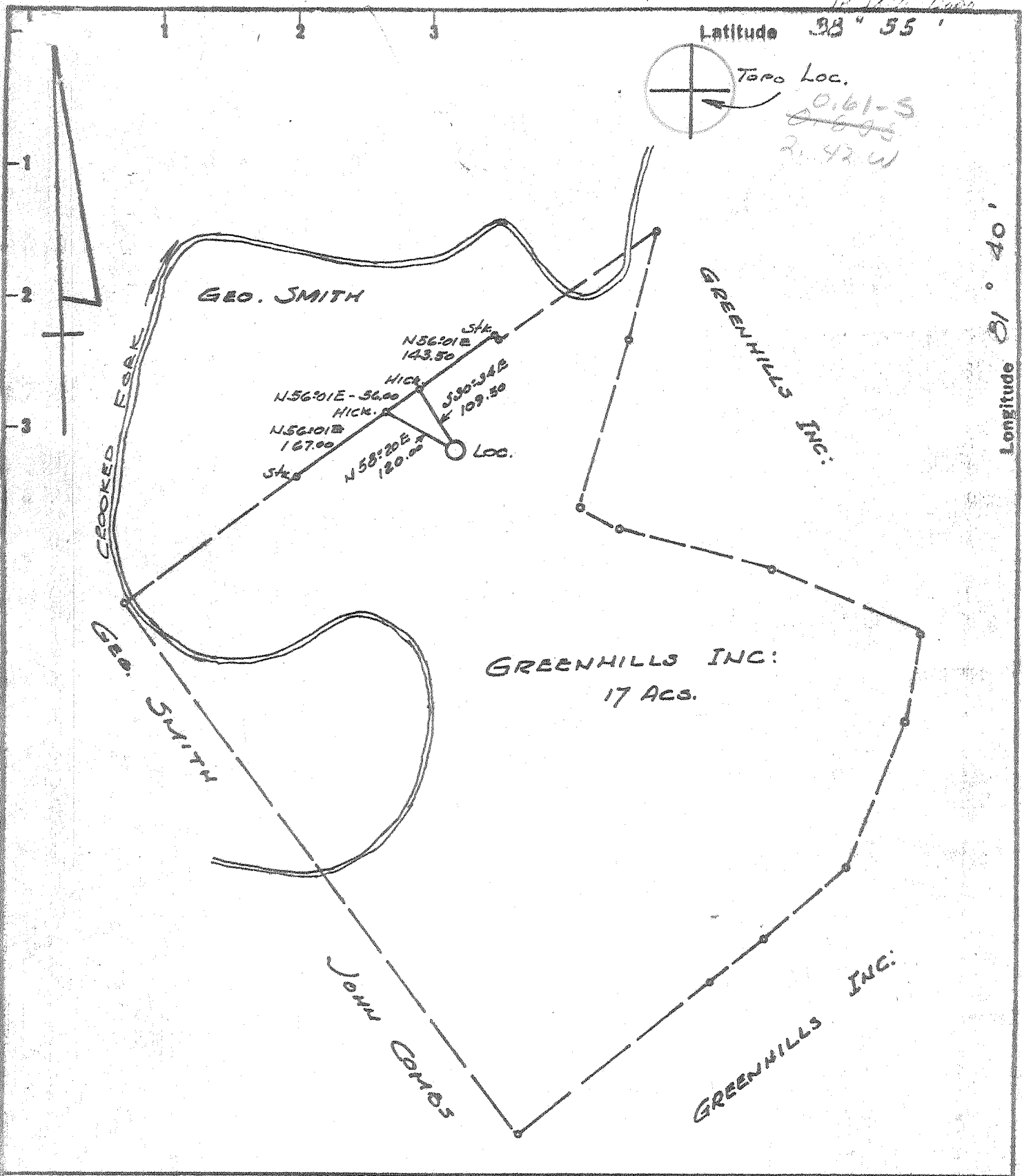
MAILED 1-19-71

Company PATRICK PETROLEUM
 Address COMMERCE SQUARE, CHARLESTON, WVA
 Farm GREENHILLS INC.
 Tract _____ Acres 17 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 588.0
 Quadrangle RIPLEY WC
 County JACKSON District RAVENSWOOD
 Engineer N. G. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 12-10-70 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. JAC-1257-P

+ 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.



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6-0 Ripley 3111

Deep Well (Newburg)
DEC 28 1970



RECEIVED
JAN 19 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

Rotary
Spudder
Cable Tools
Storage

C. NOLL

Quadrangle Ripley
Permit No. Jac - 1257 P

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Patrick Petroleum
 Address Commerce Square, Chas. W. Va.
 Farm Greenhills, Inc. Acres 17
 Location (waters) Crooked Run
 Well No. 1 Elev. 605 KB
 District Ravenswood County Jackson
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 12-31-70
 Drilling completed 1-15-71
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) No
 WELL FRACTURED (DETAILS) No
Drilled in under hole full of fluid
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
 ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
 Fresh Water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand _____ Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	82	82	
10			Size of
8 1/4	2050	2050	
6 7/8	5398	1240	Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Slate & shells			0	155			
Sand			155	235			
Slate & shells			235	420			
Sand - <u>1 1/2 Pits?</u>			420	495			
Slate			495	550			
Slate & shells			550	620			
Slate & Red Rock			620	1000			
Sand & slate			1000	1560			
Sand - <u>Self Sand?</u>			1560	1750			
Shale			1750	1770			
Lime - <u>Big lime</u>			1770	1885			
Slate & shells			1885	2210			
Coffee Shale			2210	2240			
Berea			2240	2246			
Shale			2246	4567			
Corniferous - <u>463</u>			4567	4660			
Oriskany			4660	4700			
Lime - <u>HELDERBERG</u>			4700	4906			

(over)

Formation	Color	Hard or Soft	Top ⁷	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salina			4906	5432			
Newburg			5432	5436			
Dolomite & shale		McKenzie	5436				
			TOTAL DEPTH 5456'				
			(545)				Drilled in under hole full of fluid
12-31-70		13 3/8"	82'	75 sks	Haliburton		
1-7-71		9 5/8"	2050'	600 sks.	Dowell		
1-13-71		7"	5398'	150 sks.	Haliburton		

Date....., 19

APPROVED....., Owner

By..... (Title)