

Source of Elevation ROAD INTERSECTION 594'

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.

- New Location
- Drill Deeper
- Abandonment
- Fracture 2/2/76
- Redrill

*Chet Waterman*

Company PETRO-LEWIS CORP.  
 Address PO. Box 669 Buchanan WV. 26201  
 Farm BLAINE HUGHES  
 Tract \_\_\_\_\_ Acres 92 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 583  
 Quadrangle RAVENSWOOD NE  
 County JACKSON District RAVENSWOOD  
 Engineer CHET WATERMAN  
 Engineer's Registration No. 3788  
 File No. 70003-454 Drawing No. \_\_\_\_\_  
 Date 11/21/70 Scale 1" = 400'

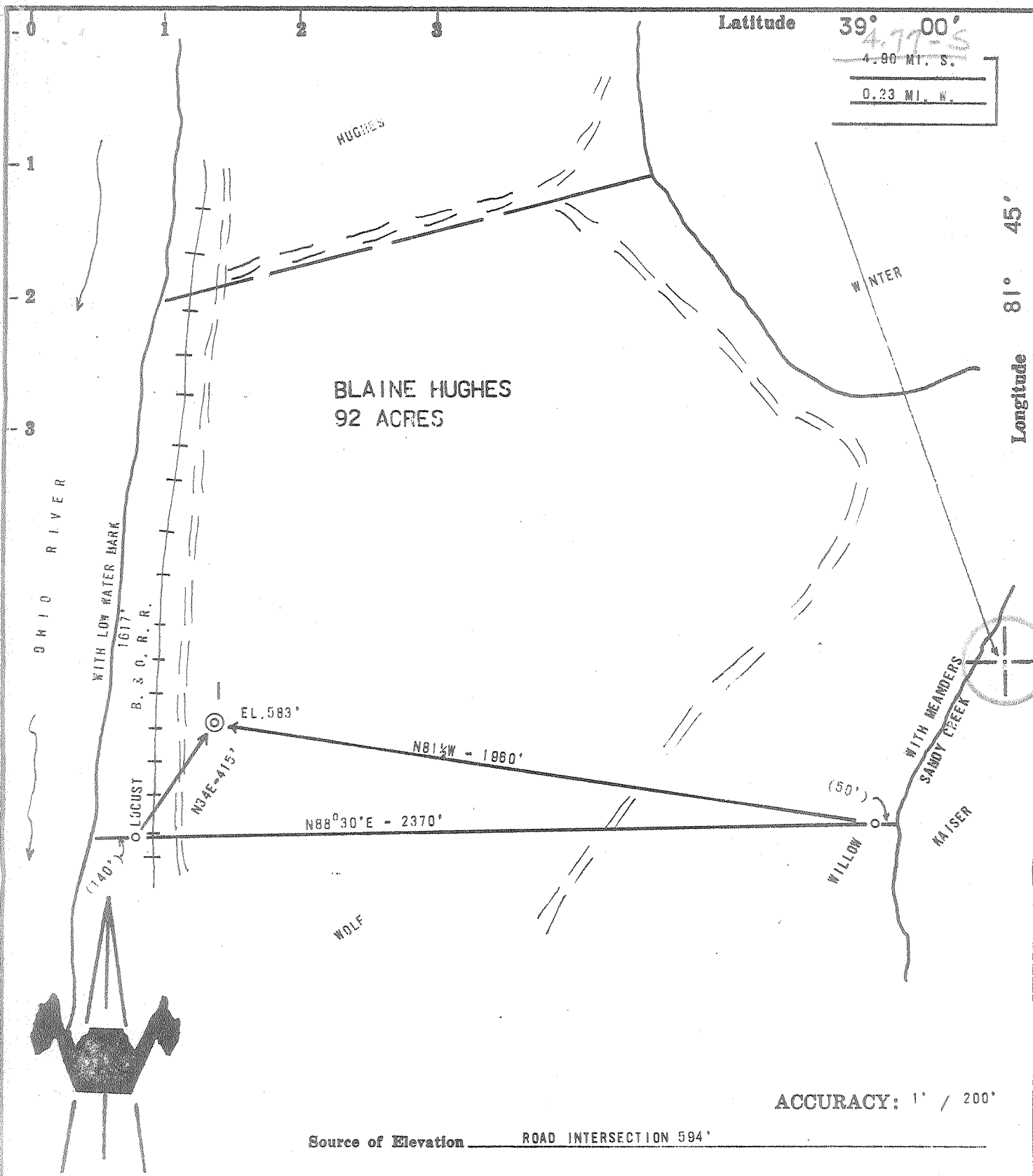
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. Jac-12.52-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.

47-035 FEB 9 1976

*Deep Well*



ACCURACY: 1" / 200'

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*Chet Waterman*

Company	NATIONAL PETROLEUM CORP.
Address	COLUMBUS, OHIO
Farm	BLAINE HUGHES
Tract	Acres 92 Lease No.
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	583
Quadrangle	RAVENSWOOD NE
County	JACKSON District RAVENSWOOD
Engineer	CHET WATERMAN
Engineer's Registration No.	3788
File No.	70003-454 Drawing No.
Date	11/21/70 Scale 1" = 400'

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

WELL LOCATION MAP  
FILE NO. 20-1252

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6-6 Groundhog Creek (342) Deep Well (Newburg) DEC 4 1970



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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Ravenswood  
Permit No. JAC 1252

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company National Petroleum Corp.  
Address 6161 Busch Blvd., Columbus, Ohio  
Farm Blaine Y. Hughes Acres 92  
Location (waters) Ohio River  
Well No. 1 (One) Elev. 583  
District Ravenswood County Jackson  
The surface of tract is owned in fee by Blaine Y. Hughes  
Ravenswood Address W. Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	110'	110'	Size of
10			Depth set
8 5/8	1803'	1803'	Perf. top
6 5/8			Perf. bottom
5 3/16			Perf. top
4 1/2			Perf. bottom
3			
2			
Liners Used			

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 5,000,000 Cu. Ft.  
Rock Pressure 1780 lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) See below  
Name of Service Co. Dowell

WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) 15,000 gal. J 160 gel, 13000# 20-40 sand  
(Dowell)

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 13,000,000  
ROCK PRESSURE AFTER TREATMENT 1780 HOURS  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Newburg Depth \_\_\_\_\_

13,000 MCF GPD

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Lime			1446	1600			
Sand-Injun			1692	1732			
Berea			2051	2055			
Corniferous			4252	4339			
Oriskany			4339	4344			
Newburg			5028	5039			
T.D. McKenzie			5039	5048			
				545			
			13 3/8"	cemented with	150 sks common		
			8 5/8"	" "	250 sks common, 150 sks Litepoz		
			5 1/2"	" "	175 sks common		

*Newburg Top and bottom determined from P1 card*

RECEIVED  
FEB 12 1971