



5.43-S
0.34-W

- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 623' ROAD INTERSECTION Pt. 2
 "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 NATIONAL PETROLEUM CORP.
 Address 6161 BUSCH BLVD. COLUMBUS OHIO
 Farm GRACE MCGLOTHLIN
 Tract Pt. of 133 Ac. Acres Lease No.
 Well (Farm) No. 1 Serial No.
 Elevation (Spirit Level) 622.0
 Quadrangle RAVENSWOOD NE
 County JACKSON District RAVENSWOOD
 Engineer N.C. Dwyer
 Engineer's Registration No. 1832
 File No. Drawing No.
 Date MARCH 20, 1971 Scale 1" = 600'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. JAG-1271

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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Ravenswood

Permit No. JAC 1271

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company <u>National Petroleum Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>6161 Busch Blvd., Columbus, Ohio 43269</u>				
Farm <u>Grace McGlothlin</u> Acres <u>Part 133</u> Size				
Location (waters) <u>Bar Run</u>	16			Kind of Packer
Well No. <u>1</u> Elev. <u>662</u>	13 3/8	59'	59'	
District <u>Ravenswood</u> County <u>Jackson</u>	10			Size of
The surface of tract is owned in fee by <u>Grace McGlothlin etal</u> Address <u>Ravenswood, W. Va.</u>	8 3/8	2162'	2162'	Depth set
Mineral rights are owned by <u>Same</u> Address	6 3/4			
	5 1/2	5065'	5065'	
	4 1/2			
Drilling commenced <u>4-9-71</u>	3			Perf. top
Drilling completed <u>4-24-71</u>	2			Perf. bottom
Date Shot From To	Liners Used			Perf. top
With				Perf. bottom

Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume 20,000,000 Cu. Ft.
 Rock Pressure 1675 lbs. 24 hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) 740 bbl water, 30,000 #20-40 Sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 80,000,000 mcf
 ROCK PRESSURE AFTER TREATMENT 1675 HOURS 24 hrs.
 Fresh Water 40 Feet Salt Water 1040 Feet
 Producing Sand Newburg Depth 5085

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
All measurements from K. B. Elevation 676'							
Clay & Shells			0	94			
Sand			94	120			
Sand & Shale			120	1534			
Big Lime			1534	1666			
Limey Sand ?			1666	1760			
Sand - ?			1760	1802			
Shale			1802	2129			
Berea			2129	2134	Gas		
Shale			2134	4310			
Corniferous Lime - 463			4310	4398			
Oriskany			4398	4405			
Lime, Delomite, (Heldresses) & Anhydrite \$ SAUNA			4405	5085			
Newburg			5085	5092	Gas		
Dolomite McKenzie			5092	5093	T.D.		
All cementing by Dowell							
			13 3/8	with 60 sacks		4-10-71	
			8 5/8	with 500 sacks		4-17-71	
			5 1/2	with 150 sacks		4-22-71	

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