

CERTIFICATE

"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."

Minimum degree of accuracy is one part in 200

Signed Harry J. Bugar, Jr. L.L.S. #248

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

issued 2/28/72
N.B. 111 Pg. 32

COMPANY	NATIONAL PETROLEUM CORPORATION		
ADDRESS	6161 BUSCH BLVD, COLUMBUS, OHIO 43229		
FARM	COIT R. ROWLEY HEIRS ETAL		
MAP	OV 28	ACRES	260 UNIT LEASE NO. 2533
WELL (FARM) NO.	1	SERIAL NO.	
ELEVATION (SPIRIT LEVEL)	766.0		
QUADRANGLE	RAVENSWOOD N.E. EC		
COUNTY	JACKSON	DISTRICT	UNION
POINT OF PROVEN ELEVATION	U.S.G.S. DATUM AT ROAD INTERSECTION SHOWN ABOVE ELEV. 633'		
FILE NO.	DRAWING NO.		
DATE	NOVEMBER 10, 1971	SCALE	1" = 1320'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP

FILE NO. Jac-1319-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.

6-0

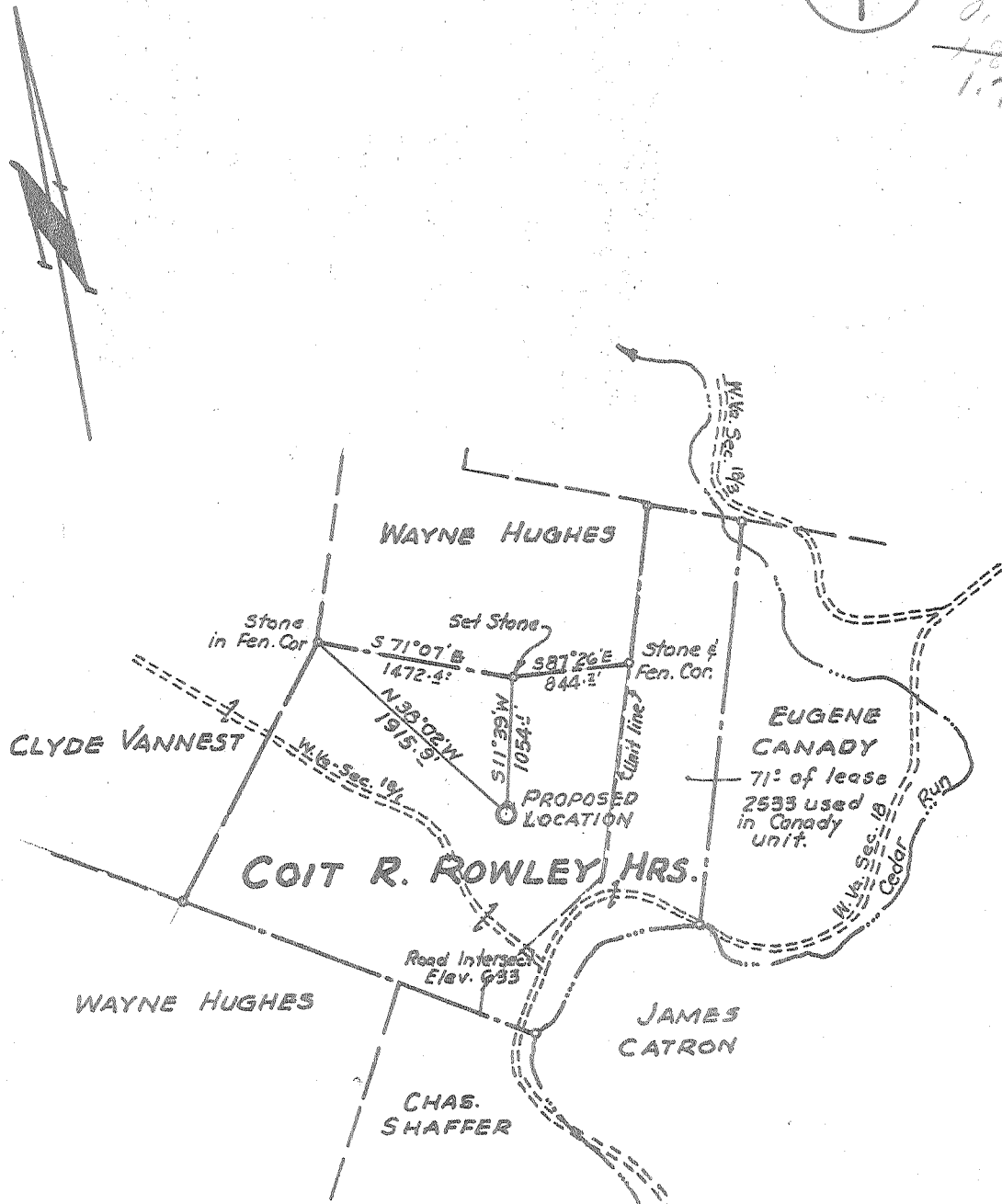
Deep Well (Newburg)

MAR 6 1972



0.55 S
1.79-W

LONGITUDE 81° 45'



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N.B. III Pg. 32

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ELEVATION (SPIRIT LEVEL)	766.0		
QUADRANGLE	RAVENSWOOD N.E. EC		
COUNTY	JACKSON	DISTRICT	UNION
POINT OF PROVEN ELEVATION	U.S.G.S. DATUM AT ROAD INTERSECTION SHOWN ABOVE ELEV. 633'		
FILE NO.	DRAWING NO.		
DATE	NOVEMBER 19, 1971	SCALE	1" = 1320'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP

FILE NO. Jac-1319

+ 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.

6-0 Ripley N (342) (371) Deep Well (Newburg) DEC 13 1971



RECEIVED

FEB 28 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ DRY gas (Kind) show

Quadrangle Ravenswood
Permit No. Jac-1319

Company National Petroleum Corp.
Address 6161 Busch Blvd., Columbus, Ohio 43229
Farm Coit R. Rowley Hrs. Acres 260 unit
Location (waters) Cedar Run
Well No. 1 Elev. KB 782'
District Union County Jackson
The surface of tract is owned in fee by _____

Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 12-17-71
Drilling Completed 1-4-72
Initial open flow drilled in under fluid bbls.
Final production 200 M cu. ft per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:
Riverfrac, Haliburton

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-1/8" 12-18	71	218	175 Hal.
9 5/8			
8 5/8 12-28	71	2263	450 Hal.
7			
5 1/2 1-1	72	5125	150 Hal.
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet Salt Water _____ Feet
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			45	125		
Sand			125	135		
Sand & Shale			135	250		
Shale			250	1267		
Sand & Shale			1267	1513		
Sand			1513	1548		
Shale & Sand			1548	1650		
Big Lime			1650	1776		
Shale & Siltstone			1776	1858		
Sand			1858	1916		
Shale & Siltstone			1916	2034		
Shale			2034	2217		
Coffee Shale			2217	2234		
Berea		*	2234	2240		drillers top 2220
Shale			2240	4380		log depth 4398
Corniferous - 463			4380	4463		
Oriskany			4463	4470		
Lime			4470	4475		
Oriskany			4475	4480		
Lime - HELDERBERG		*	4480	4670		
Dolomite		*	4670	5144		
Shale & Dolomite		*	5144	5161		
SHAWNEE		*	5161	5167		
Dolomite & Shale - KENZIE		*	5167	5184		driller top 5168
Total Depth				5184		(over) 545

* Indicates Electric Log tops in the remarks section.