

Partial Bluffing removed

- NEW LOCATION 8-27-71
- RECONDITION
- DRILL DEEPER
- ABANDONMENT 2-1-74

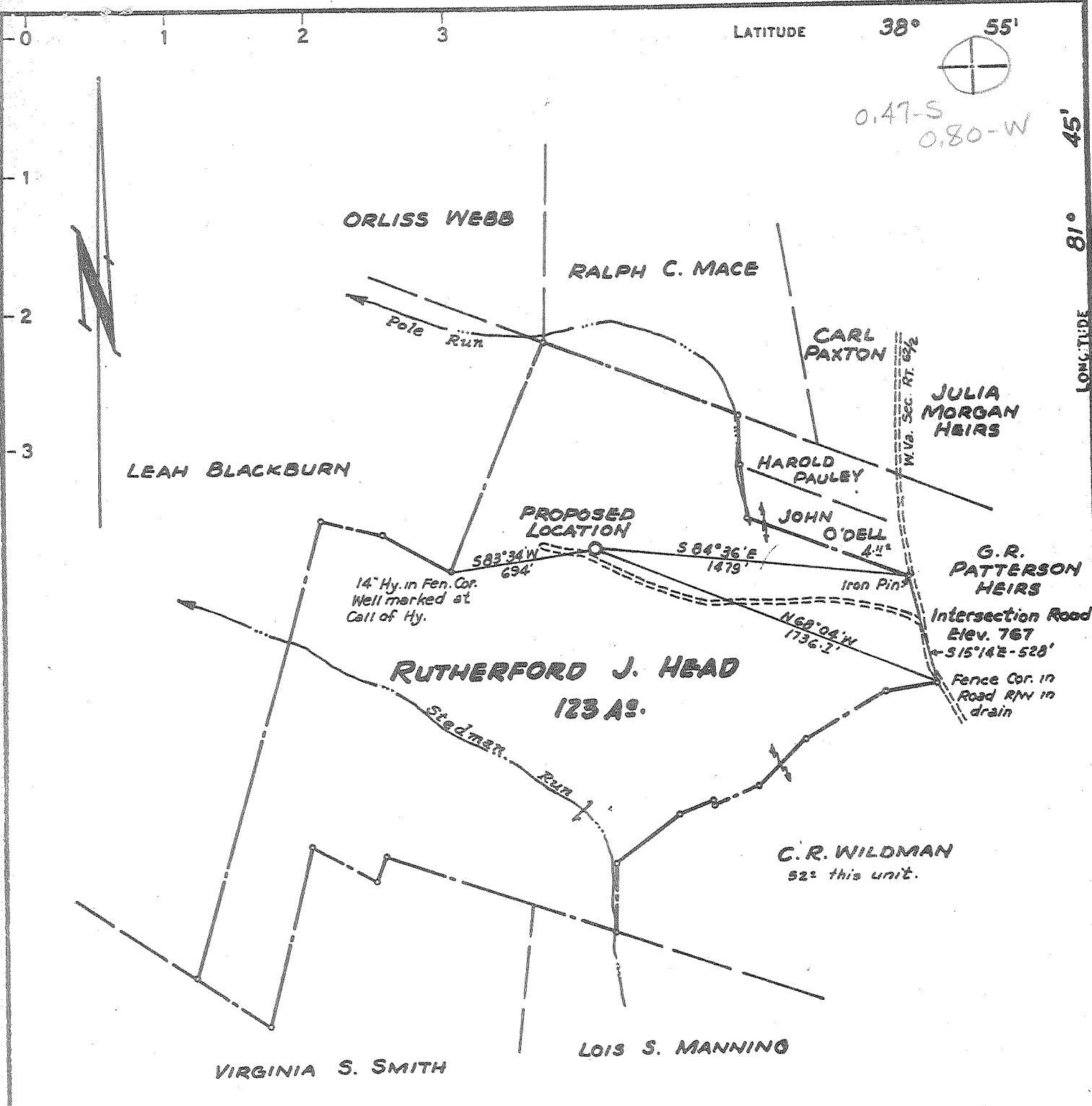
CERTIFICATE
 I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.
 Minimum degree of accuracy is one part in 200
 Signed Henry L. Berger, Jr. U.S. # 240

COMPANY NATIONAL PETROLEUM CO.
 ADDRESS 5161 BUSH BLVD. COLUMBUS, OHIO 43229
 FARM RUTHERFORD J. HEAD ET AL.
 MAP QV-28 ACRES 117.255 UNIT LEASE NO. 3403
 WELL (FARM NO.) 1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 810.23
 QUADRANGLE RAVENSWOOD T8.EC 6.5
 COUNTY JACKSON DISTRICT RAVENSWOOD
 POINT OF PROVEN ELEVATION U.S.G.S. DATA. INTERSECTION OF ROADS SHOWN ABOVE - ELEV. 767'
 FILE NO. _____ DRAWING NO. _____
 DATE JULY 8 1971 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. JAG-1297-24
 + DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 52 500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 -- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

Deep well

FEB 27 1974



Partial Plugging issued

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- RECONDITION
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- ABANDONMENT

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Signed *Henry L. Berger, Jr.* L.L.S. #248

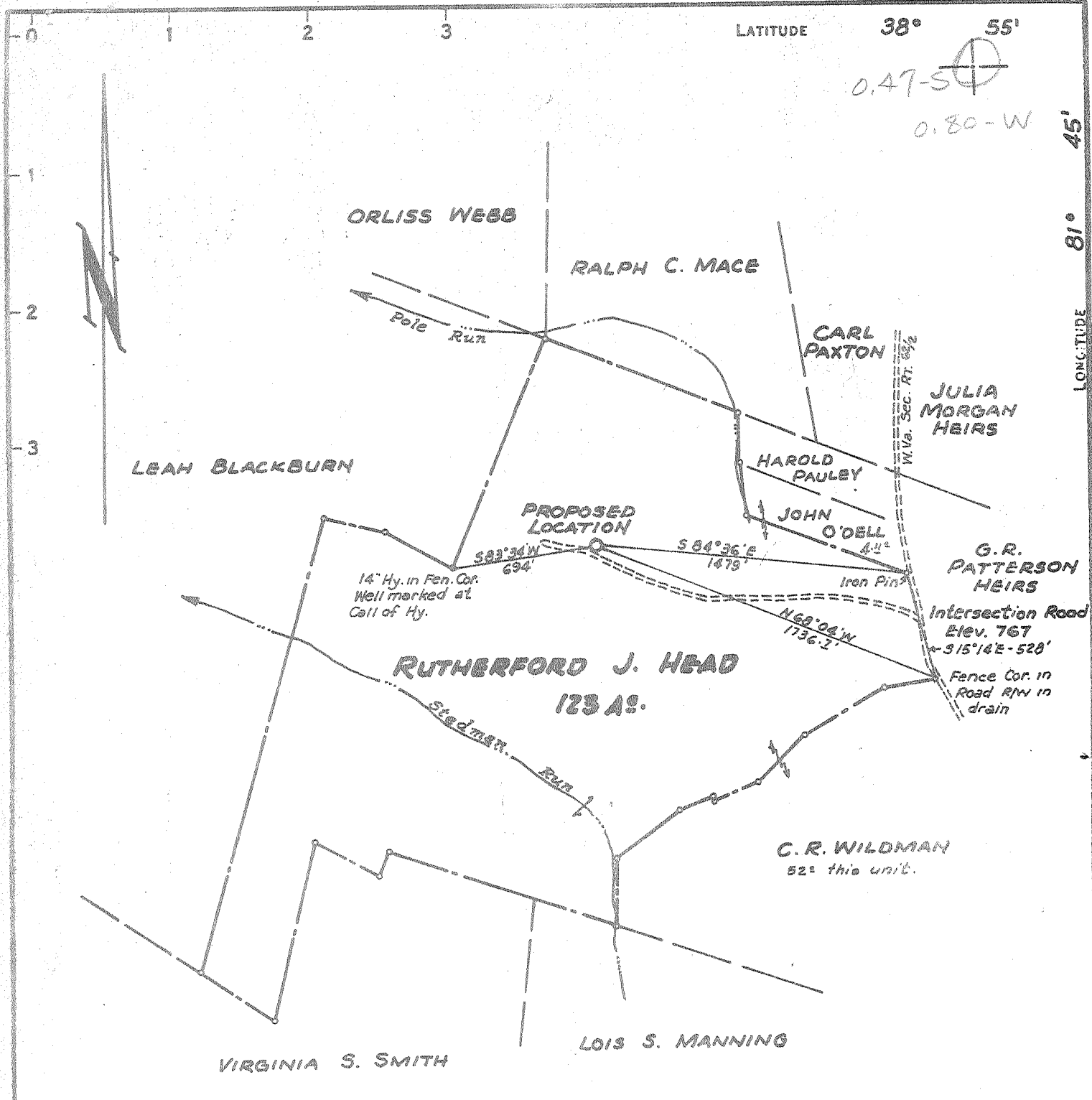
COMPANY	NATIONAL PETROLEUM CO.		
ADDRESS	6161 BUSCH BLVD. COLUMBUS, OHIO 43229		
FARM	RUTHERFORD J. HEAD ET AL.		
MAP	OV-28	123 of 1258.44 Unit	LEASE NO. 3403
WELL (FARM) NO.	1	SERIAL NO.	
ELEVATION (SPIRIT LEVEL)	810.66		
QUADRANGLE	RAVENSWOOD N.E. 20		
COUNTY	JACKSON	DISTRICT	RAVENSWOOD
POINT OF PROVEN ELEVATION	U.S.G.S. DATA, INTERSECTION OF ROADS SHOWN ABOVE - ELEV. 767'		
FILE NO.	DRAWING NO.		
DATE	JULY 8 1971 SCALE 1" = 660'		

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. **JAC-1297-PP**

+ 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.

6-6 Groundhog Creek SEP 9 SE (342) 1971

Deep Well



CERTIFICATE

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Minimum degree of accuracy is one part in 200

Signed Henry J. Berger, Jr. L.L.S. #248

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY NATIONAL PETROLEUM Co.
 ADDRESS 6161 BUSCH BLVD. COLUMBUS, OHIO 43229
 FARM RUTHERFORD J. HEAD ET AL.
 MAP OV-28 ^{123 of} 258-11 UNIT LEASE NO. 3403
 WELL (FARM) NO. 1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 810.66
 QUADRANGLE RAVENSWOOD N.E.
 COUNTY JACKSON DISTRICT RAVENSWOOD
 POINT OF PROVEN ELEVATION U.S.G.S. DATA, INTERSECTION OF ROADS SHOWN ABOVE - ELEV. 767'
 FILE NO. _____ DRAWING NO. _____
 DATE JULY 8 1971 SCALE 1" = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. JAC-1297

+ 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.

Deep Well (Newburg) JUL 23 1971

RECEIVED

AUG 26 1971



OIL & GAS DIVISION DEPT. OF MINES

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

- Spudder []
Cable Tools []
Storage []
Oil or Gas Well Gas (X) (KIND)

Form OG-10

39-00
6-5

Quadrangle Ravenwood NE
Permit No. JAC-1297

WELL RECORD

Company National Petroleum Corporation
Address 6161 Busch Blvd. Columbus, Ohio
Farm Rutherford J. Head Acres 123 ac
Location (waters) Bar Run Unit 258.11 ac
Well No. one Elev. 810.66
District Ravenswood County Jackson
The surface of tract is owned in fee by Rutherford J. Head
Mineral rights are owned by same
Drilling commenced July 16, 1971
Drilling completed August 9, 1971

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Includes rows for sizes 13 3/8, 10 5/8, 8 1/2, 6 3/8, 5 3/8, 4 1/2, 3, 2 and depths 130', 2310', 5225'.

Open Flow 1/10ths Water in... Inch
Volume 100,000 MCF 3000 MCF GPD (P.I. card)
Rock Pressure... lbs. hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS)
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 7000 MCF GPD (Per P.I. card)
ROCK PRESSURE AFTER TREATMENT... HOURS
Fresh Water 51 Feet Salt Water... Feet
Producing Sand Oriskany Depth...

Table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Lists formations like Clay, Sand, Shale, Big Lime, Big Injun, Sandy Shale, Berea, Shale, Corniferous, Oriskany, Limestone, Dolomite, Anhydrite, Newburg, Dolomite McKenzie.

All Cementing by Dowell

- 7-17-71-13 3/8"-200 sacks
7-30-71-8 5/8"-450 sacks
8-5-71-5 1/2"- 150 sacks

(over)

NOV 10 1971