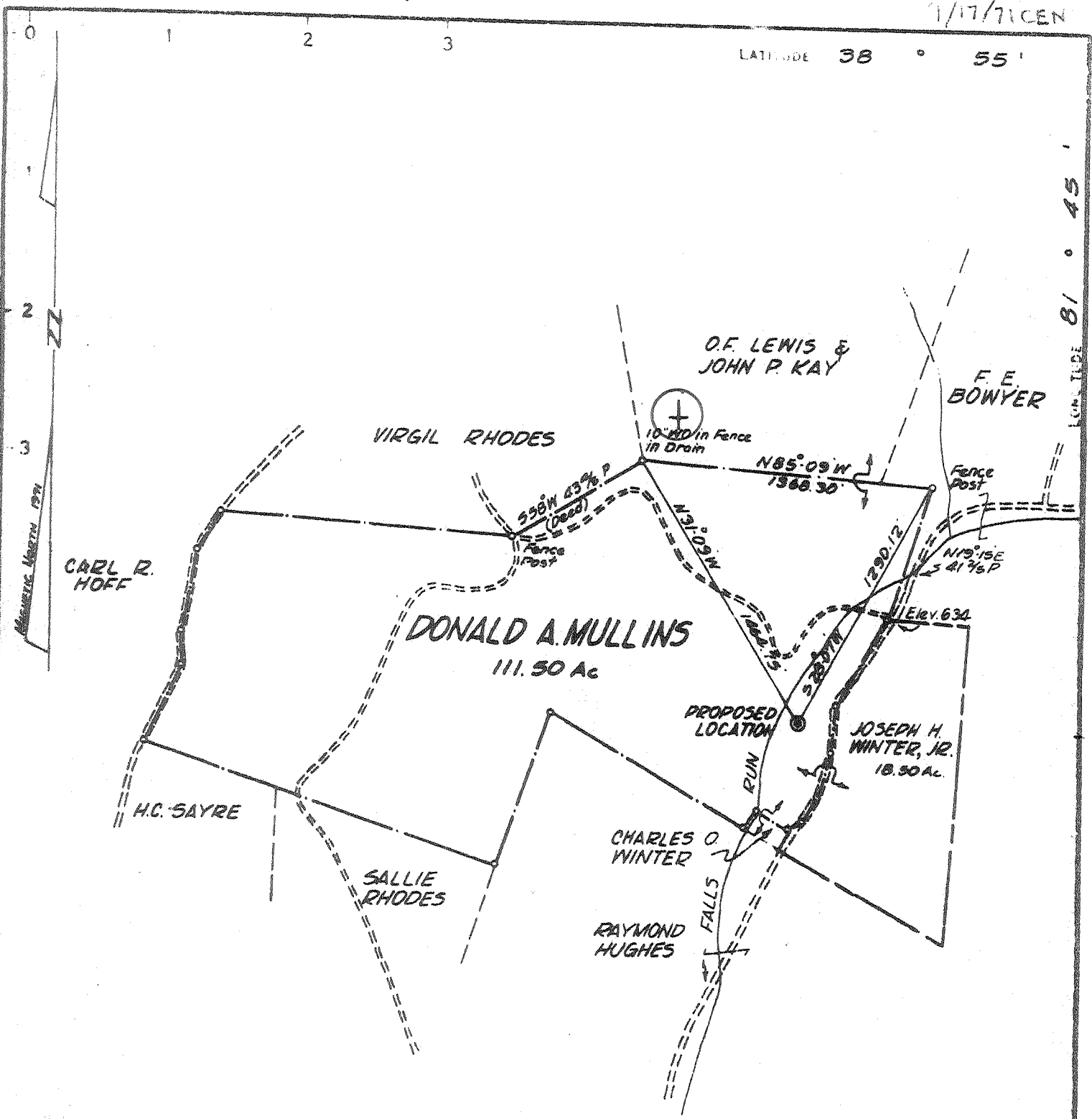


1/17/71 CEN



- NEW LOCATION
- 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 *William J. ...* L.L.S. No. 116

COMPANY NATIONAL PETROLEUM COMPANY
 ADDRESS 6161 BUSCH BLVD. COLUMBUS, OHIO 43229
 FARM DONALD A. MULLINS
 MAP OV 28 111.8 of 250 1/4 UNIT ACRES LEASE NO. _____
 WELL (FARM) NO. 1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 620
 QUAD/ANGLE RAVENSWOOD NE. EC 6-32
 COUNTY JACKSON DISTRICT UNION
 POINT OF PROVEN ELEVATION USCG DATA: FORKS OF ROAD SHOWN ABOVE. ELEV. 634
 FILE NO. _____ DRAWING NO. _____
 DATE SEPT. 14, 1971 SCALE 1" = 660'

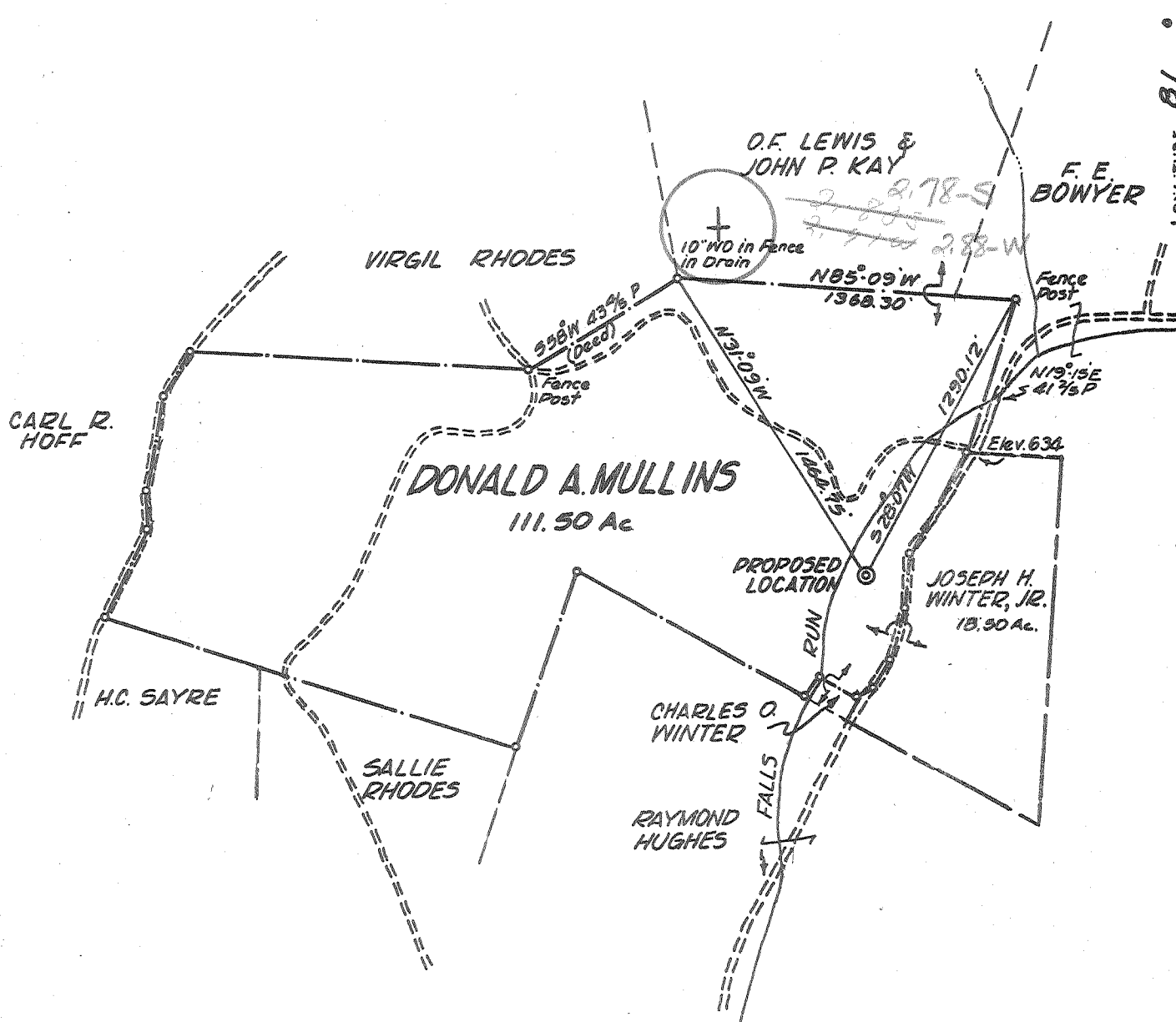
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. JAC-1311-P

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1" TO 67500'. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL MAP. FEB 27 1974

Deep well

Magnetic North 1971



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 William A. Ensey L.L.S. No. 116

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

NB III Pg. 16-18

COMPANY	NATIONAL PETROLEUM COMPANY		
ADDRESS	6161 BUSCH BLVD. COLUMBUS, OHIO 43229		
FARM	DONALD A. MULLINS		
MAP	Q16 28	111.5 of 250 1/4 ACRES	UNIT LEASE NO.
WELL (FARM) NO.	1	SERIAL NO.	
ELEVATION (SPIRIT LEVEL)	620		
QUADRANGLE	RAVENSWOOD N.E. EC		
COUNTY	JACKSON	DISTRICT	UNION
POINT OF PROVEN ELEVATION	USCG DATA: FORKS OF ROAD SHOWN ABOVE. ELEV. 634		
FILE NO.	SEPT. 14, 1971	DRAWING NO.	
DATE		SCALE	1" = 660'

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

FILE NO. **JAG-1311**

+ 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 Ripley N. (342) (37)

Deep Well (Newburg) SEP 28 1971



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECEIVED
FEB 28 1972
OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Ravenswood

Permit No. Jac-1311

Company <u>National Petroleum Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>6161 Busch Blvd., Columbus Ohio 43229</u>				
Farm <u>Donald A. Mullins</u> Acres <u>111.5 of 250 1/4</u>				
Location (waters) <u>Falls Run</u>	Size			
Well No. <u>1</u> Elev. <u>KB 633'</u>	<u>20-16</u>			
District <u>Union</u> County <u>Jackson</u>	Cond.			
The surface of tract is owned in fee by _____	<u>13 1/8"</u>	<u>93'</u>	<u>93'</u>	<u>75 Hal</u>
	<u>9 5/8</u>			
Address _____	<u>8 5/8</u>	<u>2178'</u>	<u>2178'</u>	<u>420 Hal.</u>
Mineral rights are owned by _____	<u>7</u>			
Address _____	<u>5 1/2</u>	<u>4993'</u>	<u>4993'</u>	<u>Down.</u>
Drilling Commenced <u>9-21-71</u>	<u>4 1/2</u>			
Drilling Completed <u>10-4-71</u>	<u>3</u>			
Initial open flow _____ cu. ft. _____ bbls.	<u>2 3/8"</u>		<u>5000'</u>	
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

Fractured by Dowell 10-28-71 500 gal. MA, 20,000 # 20/40, 550# J-209, 645 B water, Breakdown P. 3200#, Average Injection P. 4200#

Estimated 15 million cubic feet after treatment

15,000 McF

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet Salt Water _____ Feet
Producing Sand Newburg Depth 5023' to 5029'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	223		
Red Rock & Grey Shale			223	580		
Grey Shale			580	898		
Sand & Shale			898	1126		
Grey Shale			1126	1300		
Sand & Shale			1300	1442		
Big Lime			1442	1646		
Sandy Shale			1646	1700		
White Sand - Injun?			1700	1806		
Sandy Shale			1806	1950		
Shale & Siltstone			1950	2112		
Coffee Shale			2112	2130		
Berea			2130	2135		
Shale			2135	4266		
Corniferous - 463			4266	4392		
Lime - HEUBERBERG			4392	4540		
Dolomite			4540	5004		
Dolomite & Shale			5004	5023		
<u>NEWBURG</u>			<u>5023</u>	<u>5029</u>		
Dolomite & Shale - MCKENZIE			5029			
Total Depth				5048		
				<u>545</u>		

(over)

* Indicates Electric Log tops in the remarks section.