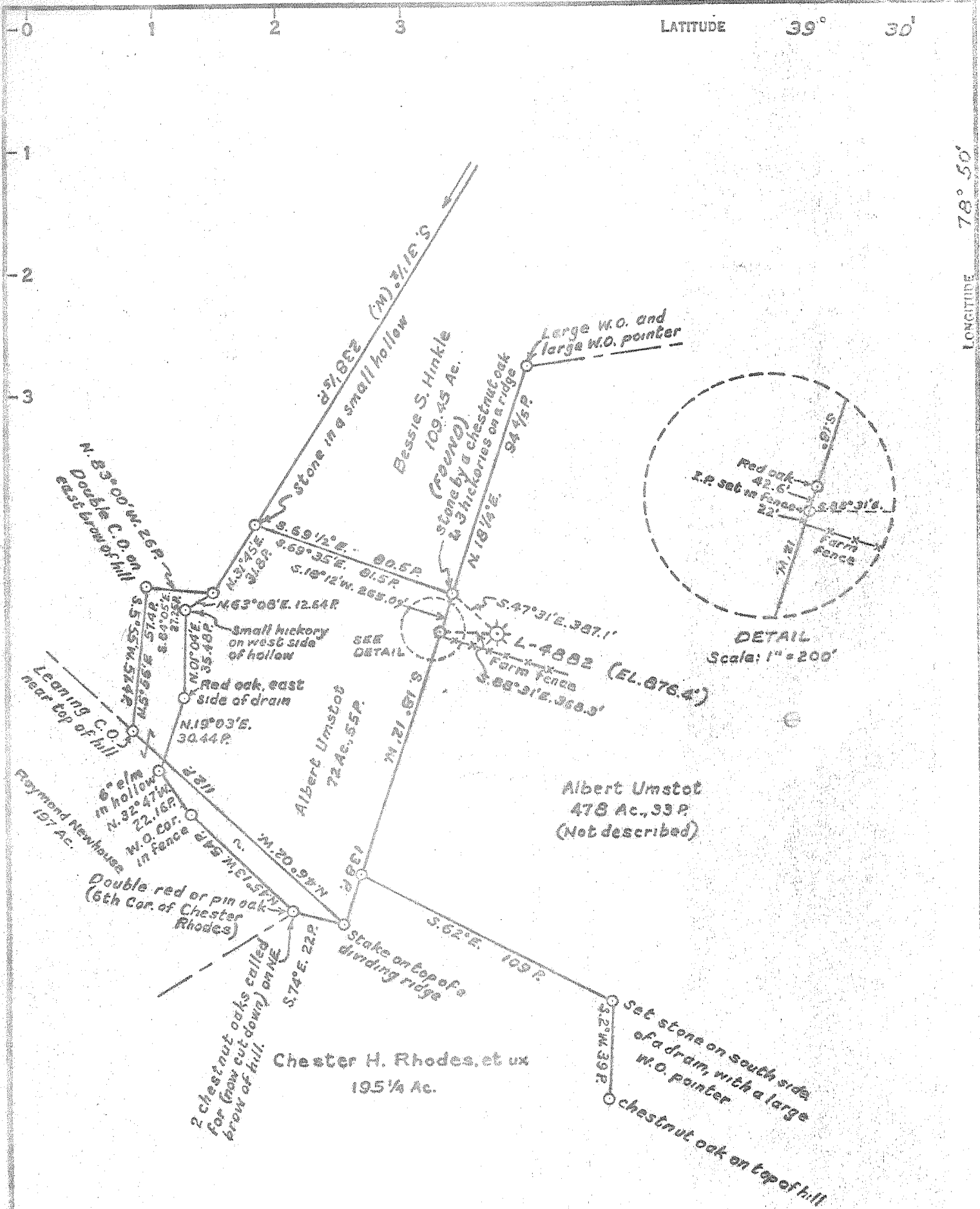


5/28/71 (C)



COAL OWNED BY Ray Umstot & Margaret Umstot

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT *Issued 6-18-71*

"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 James D. Calton 16235-E (Pa)

COMPANY	<u>The Manufacturers Light &amp; Heat Co.</u>		
ADDRESS	<u>800 Union Trust Bldg., Pittsburgh, Pa. 15219</u>		
FARM	<u>R. H. Umstot</u>		
MAP	<u>Q-32-13</u>	ACRES	<u>851</u>
WELL (FARM) NO.		SERIAL NO.	<u>L-4882</u>
ELEVATION (SPIRIT LEVEL)	<u>876.4'</u>		
QUADRANGLE	<u>Keyser NC</u>		
COUNTY	<u>Mineral</u>	DISTRICT	<u>Cabin Run</u>
POINT OF PROVEN ELEVATION	<u>U.S.C.S. @ M. ELEV. 656.83</u>		
	<u>AT RESSES MILL</u>		
FILE NO.		DRAWING NO.	<u>Y-28-838</u>
DATE	<u>26 May 1971</u>	SCALE	<u>1" = 200'</u>

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

WELL LOCATION MAP  
 FILE NO. Min-9-P

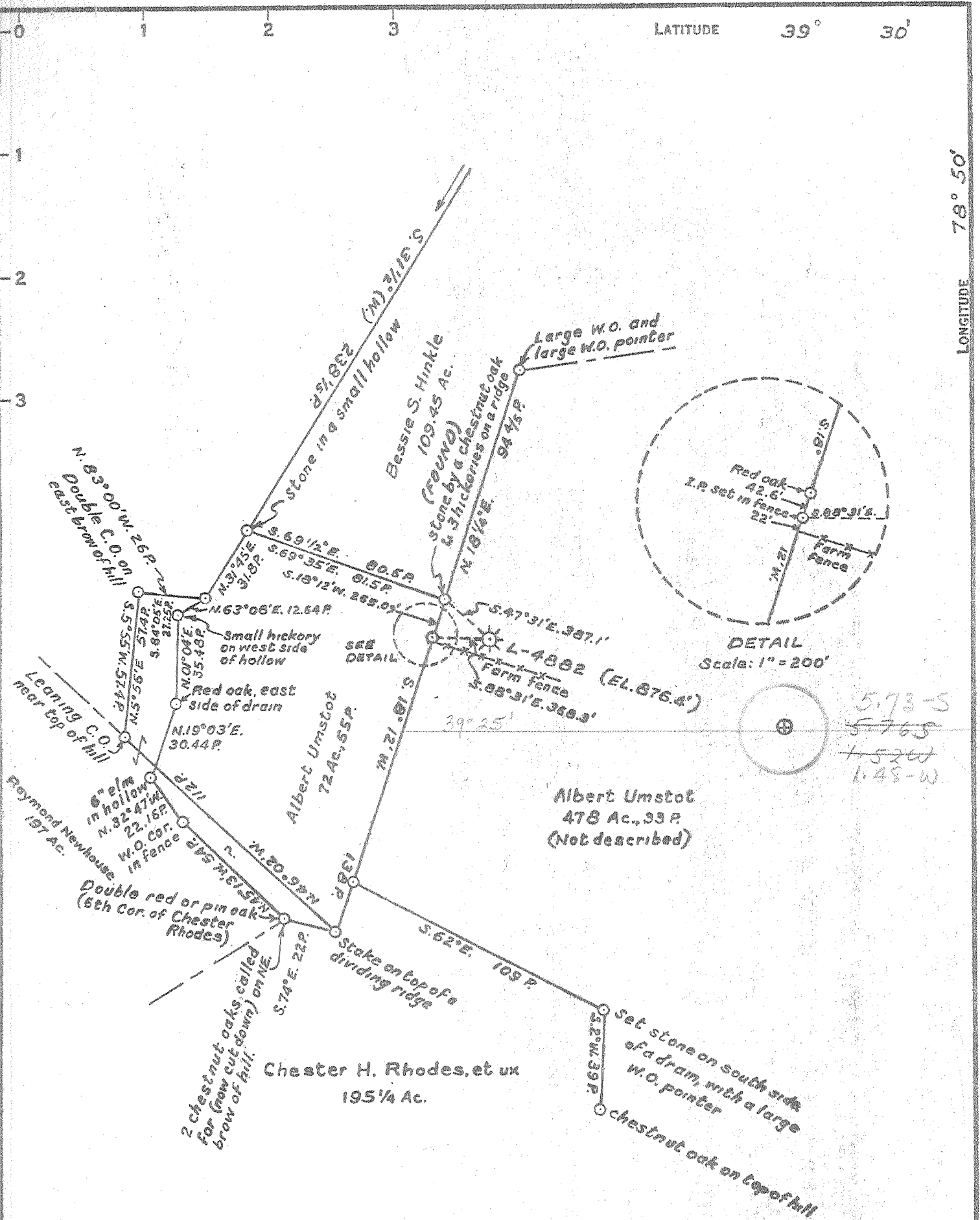
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS, SCALE 1" TO 62,500, LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

1-0

Deep Well

JUL 2 1971



COAL OWNED BY Ray Umstot & Margaret Umstot

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

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 Minimum degree of accuracy is one part in 200  
 Signed James D. Calver 16235-E (Pa)  
 P.O. 167 P. 54

COMPANY The Manufacturers Light & Heat Co.  
 ADDRESS 800 Union Trust Bldg. Pittsburgh, Pa. 15219  
 FARM R. H. Umstot  
 MAP Q-32-13 ACRES 851 LEASE NO. 34362  
 WELL (FARM) NO. \_\_\_\_\_ SERIAL NO. L-4882  
 ELEVATION (SPIRIT LEVEL) 876.4'  
 QUADRANGLE Keyser  
 COUNTY Mineral DISTRICT Cabin Run  
 POINT OF PROVEN ELEVATION U.S.G.S. B.M. ELEV. 656.83  
AT REESE'S MILL  
 FILE NO. \_\_\_\_\_ DRAWING NO. Y-28-B38  
 DATE 26 May 1971 SCALE 1" = 800'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. Min-9  
 + 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 SPACER ON BORDER LINE OF ORIGINAL TRACING.



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

Rotary   
Spudder   
Cable Tools   
Storage   
Oil or Gas Well  *Dry Gas*  
(KIND)

Form OC-10  
19-30  
5-4  
Quadrangle Keyser 15 1/2'  
Permit No. Min-9

WELL RECORD

Company The Manufacturers Light & Heat Company  
Address 800 Union Trust Bldg., Pittsburgh, Pa.  
Farm R. H. Umstot Acres 851  
Location (waters) \_\_\_\_\_  
Well No. L-4882 Elev. 876'  
District Cabin Run County Mineral  
The surface of tract is owned in fee by R. H. Umstot  
Address Rt. 1, Keyser, W. Va.  
Mineral rights are owned by Ray Umstot & Margaret Umstot, his wife  
Address Rt. 1, Keyser, W. Va.  
Drilling commenced June 4, 1971  
Drilling completed June 18, 1971  
Date Shot N/A From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow None /10ths Water in \_\_\_\_\_ Inch  
None /10ths Merc. in \_\_\_\_\_ Inch  
Volume None Cu. Ft.  
Rock Pressure None lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) N/A  
WELL FRACTURED (DETAILS) None

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>None</u>
16			
13 3/8"	28'	28'	Size of _____
10			Depth set _____
8 5/8"	400.12'	400.12'	Perf. top _____
6"			Perf. bottom _____
5 3/16"			Perf. top _____
4 1/2"			Perf. bottom _____
3"			
2"			
Liners Used			

Attach copy of cementing record.  
CASING CEMENTED 8 5/8" SIZE 400 No. Ft. 6/6/71 Date  
Amount of cement used (bags) 225  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT None FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			Surface	250'	Water	125'	
Shale & Sand			250'	406'			
Shale & Silt			406'	662'			
Possible Tully			662'	942'	Water	700'	
Hamilton			942'	1662'			
Possible Marcellus			1662'	1912'			Faulted Zone
Hamilton			1912'	2382'			
Marcellus			2382'	2692'			
Selingsgrove			2692'	2822'			
Tioga			2822'	2872'			
Onondaga (Including Needmore Sh.)			2872'	3110'			
Tioga			3110'	3157'			
Onondaga (Including Needmore Sh.)			3157'	3292'			No gas
Oriskany Sand			3292'	3502'			
Helderberg			3502'	3555'	Total Depth		

RECEIVED  
JUN 20 1971

(over)

JUL 2 1971