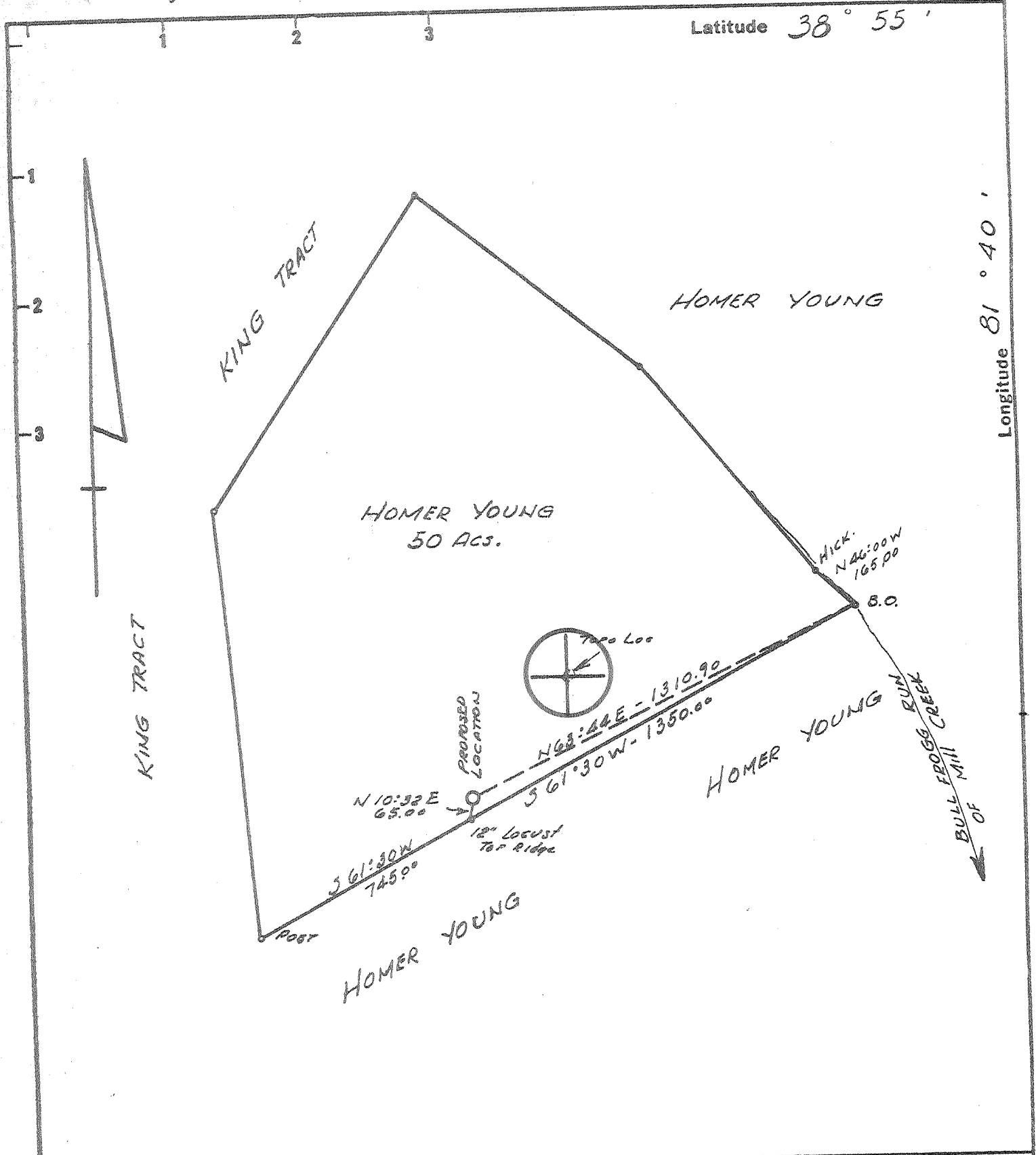


Latitude $38^{\circ} 55'$

Longitude $81^{\circ} 40'$



Minimum Error of Closure $1 \text{ in } 200$
 Source of Elevation U.S.G.S. BM 602 RIPLEY

- New Location
- Drill Deeper
- Abandonment

"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."

ISSUED 4-23-74
 Office Service O.I.T. Co.
 Company B. G. MURPHY, INC. P.O. Box 873
 Address COMMERCE SQUARE, CHARLESTON, W.V. 25323
 Farm HOMER YOUNG
 Tract _____ Acres 50 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 853.35 W.C.
 Quadrangle RIPLEY 152
 County JACKSON District RIPLEY
 Engineer N. L. Depton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date Feb. 7, 1970 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Jac-1193-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.

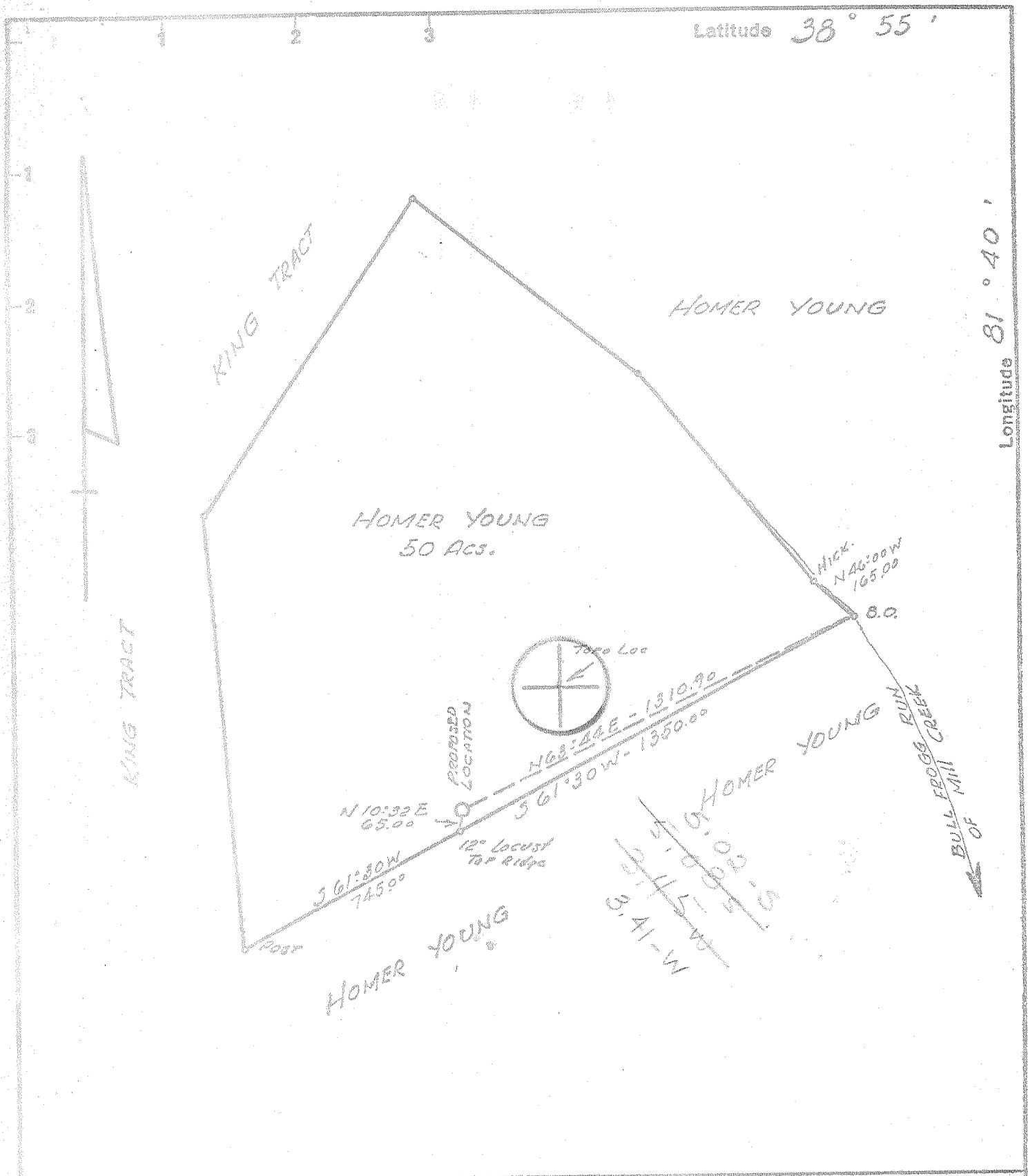
- Denotes one inch spaces on border line of original tracing.

47-035

Deep Well MAY 9 1974

Latitude $38^{\circ} 55'$

Longitude $81^{\circ} 40'$



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. BM 602 RIPLEY

"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 D. G. MALCOLM INC.
 Address COMMERCE SQUARE, CHARLESTON, W.VA.
 Farm HOMER YOUNG
 Tract _____ Acres 50 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 853.35
 Quadrangle RIPLEY WC
 County JACKSON District RIPLEY
 Engineer [Signature]
 Engineer's Registration No. 1232
 File No. _____ Drawing No. _____
 Date Feb. 7, 1970 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Jan-1193

✦ 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 311 Deep Well (Newburg)

MAR 02 1970



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

Rotary
Spudder
Cable Tools
Storage C. NOLE
Oil or Gas Well Gas (KIND)

Quadrangle Ripley
Permit No. JAC1193

WELL RECORD

Company D. C. Malcolm, Inc.
Address 1404 Commerce Square, Charleston, W. Va.
Farm H. F. Young Acres. 1.70
Location (waters)
Well No. 1 Elev. 853 Gr.
District Ripley County Jackson
The surface of tract is owned in fee by
Address
Mineral rights are owned by Homer F. Young
Address Chicago, Illinois
Drilling commenced 4-11-70
Drilling completed 4-25-70
Date Shot From To
With
Open Flow /10ths Water in. Inch
/10ths Merc. in. Inch
Volume 15,000 Mcf (est) Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 37,500# sd. 565 bbls. fluid (My-T-Frac)
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 65,000 Mcf 65,000,000
ROCK PRESSURE AFTER TREATMENT 2150 HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Newburg Depth 5680

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16		61	
13		61	
10			Size of
8 1/4	2241	2241	
6 3/8	5635	5635	Depth set
5 3/16			
4 1/2			Perf. top
3			Perf. bottom
2	5684	5684	Perf. top
Liners Used			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED 5/8 SIZE 2241 No. Ft. Date
Amount of cement used (bags) Cemented to Surface
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Slate & Shells			0	238			
Slate			238	350			
Sand			350	425			
Slate & Shells			425	642			
Sand			642	829			
Slate			829	882			
Slate & Shells			882	1180			
Sand			1180	1213			
Slate & Shells			1213	1420			
Sand			1420	1472			
Slate & Shells			1472	1560			
Sand - Salt Sand			1560	1790			
Lime - Big lime			1790	2016			
Sand - Irjua			2040	2072			
Slate & Shells			2072	2500			
Sand (Berea)			2500	2513			
Slate & Shells			2513	4832			
Onondaga LS - 463			4832	4920			
Oriskany SS			4920	4932			
Newburg			5679				
Total Depth				5684			

535

5684 5684
853 4920
4831 764

RECEIVED

JUN 4 1970

OIL & GAS DIVISION
DEPT. OF MINES