

Minimum Error of Closure 1 in 200'
 Source of Elevation U.S.G.S. BM Elev 622' Kellys Creek

"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."

New Location
 Drill Deeper
 Abandonment
 Date 3/27/74

Company ~~W.V. Coal Corporation~~ G.C. McLean, Inc.
 Address ~~101 S. 1st St.~~ P.O. Box 1473, Charleston, W. Va. 25325
 Farm J. H. McLean (Part of 300 Ac Unit)
 Tract _____ Acres 60 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 897.07
 Quadrangle KENNA SW
 County KANAWHA District UNION
 Engineer T. L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 7-16-69 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. **KAN-2421-P**

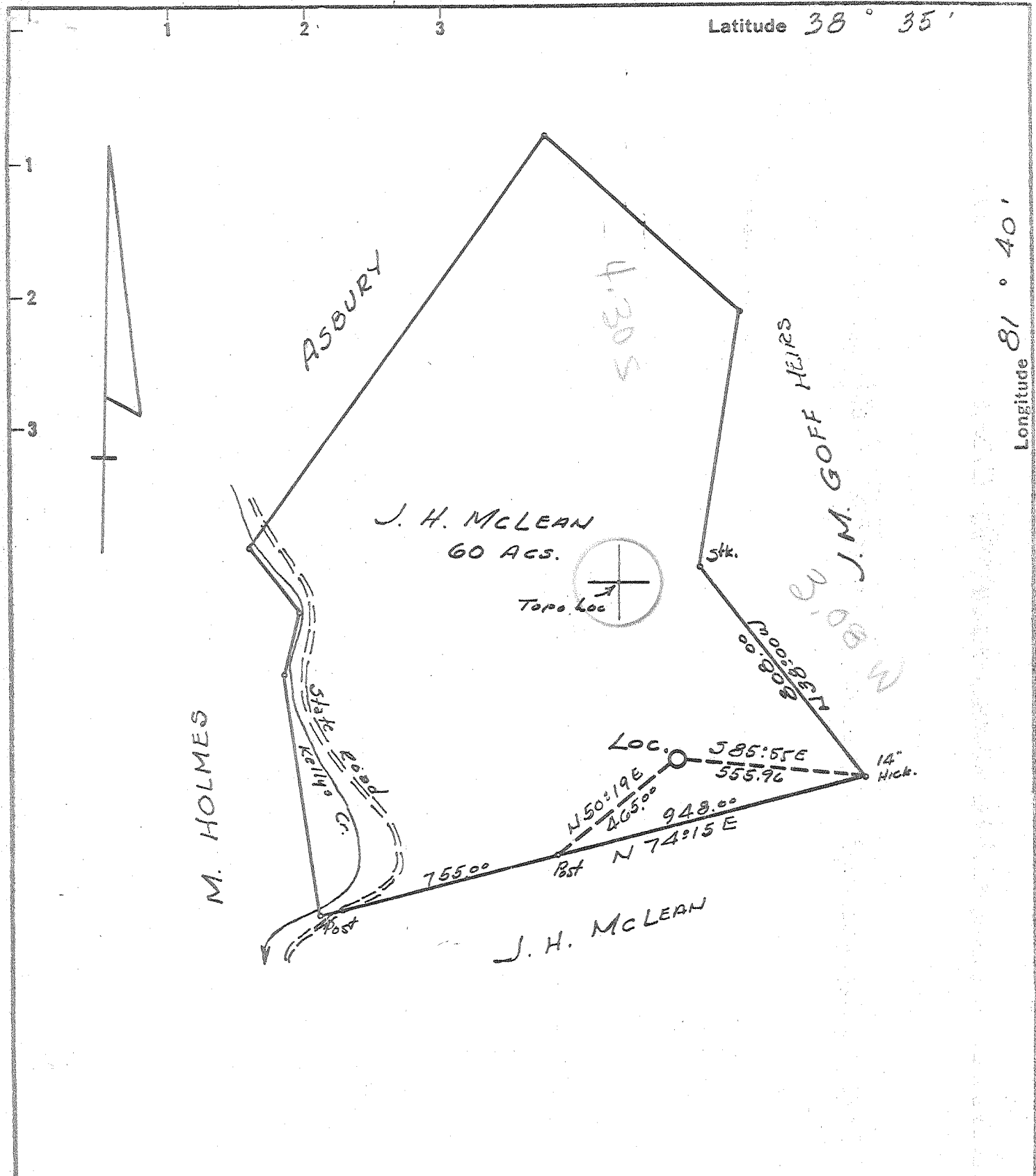
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

47-039

Deep Well

APR 15 1974

Latitude 38° 35'



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Company O. C. MALCOLM, INC.
 Address 1404 COMMERCE SQUARE, CHARLESTON, W.Va.
 Farm J. H. MCLEAN (Part of 300 Ac Unit)
 Tract _____ Acres 60 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 897.07
 Quadrangle KENNA SW
 County KANAWHA District UNION
 Engineer T. L. Sefton
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 CHARLESTON

WELL LOCATION MAP
 FILE NO. KAN-2421

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Deep Well (Newburg)



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

Rotary
Spudder
Cable Tools
Storage E. NOLL

38° 45'

Quadrangle Kenna 7-42

WELL RECORD

Oil or Gas Well Gas (KIND)

Permit No. Ken - 2421

Company <u>D. C. Malcolm, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1404 Commerce Square, Charleston, W. Va.</u>	Size			
Farm <u>J. H. McLean</u> Acres <u>60</u>	16			Kind of Packer
Location (waters) <u>Kelly Creek</u>	13	60'	60'	
Well No. <u>1</u> Elev. <u>912 KB</u>	10			Size of
District <u>Union</u> County <u>Kanawha</u>	8 <u>8 5/8"</u>	2040	2040	
The surface of tract is owned in fee by <u>C. Holmes</u>	6%			Depth set
Mineral rights are owned by <u>J. H. McLean Hrs</u>	5 3/16	5689	5689	
Drilling commenced <u>July 21, 1969</u>	4 1/2			Perf. top
Drilling completed <u>July 31, 1969</u>	3			Perf. bottom
Date Shot <u>--</u> From <u>--</u> To <u>--</u>	2			Perf. top
With <u>--</u>	Liners Used			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) _____

WELL FRACTURED (DETAILS) 500 gal. M. C. A., 687 bbls water, 1600# sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 750 Mcf 750,000

ROCK PRESSURE AFTER TREATMENT _____ HOURS

Fresh Water _____ Feet Salt Water _____ Feet

Producing Sand Newburg Depth 5730 - 5746

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Clay			0	76			
late & Shells			76	915			
and			915	1085			
late & Shells			1085	1450	5725	5725	
and			1450	1732	912	4970	
lime			1732	1970	4813	755	
and			1970	2010			
late & Shells			2010	2440			
area			2440	2453	13		
late & Shells			2453	4882			
lime			4882	4970	86		
and			4970	4996	26		
lime			4996	5725			
and Newburg			5725	5746	21 Gas	5730	est 500 Mcf decreased to 150 Mcf
lime McKenzie			5746	5760			
total depth				5760			

RECEIVED
DEC 28 1969
OIL & GAS DIVISION
DEPT. OF MINES