

REVISED LOCATION
 New Location
 Drill Deeper
 Abandonment
 Date 8-16-71

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. BM. E. 634' AT OTTERBEIN CHURCH
 "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 MANAGEMENT CONTROL CORP.
 Address P.O. Box 916, EAST LIVERPOOL, OHIO
 Farm CARL C. HUTCHINSON ET. AL.
 Tract _____ Acres 128 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 603.0'
 Quadrangle RAVENSWOOD EC
 County JACKSON District UNION
 Engineer N. S. Sifton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 8-7-71 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. JAC-1303-P

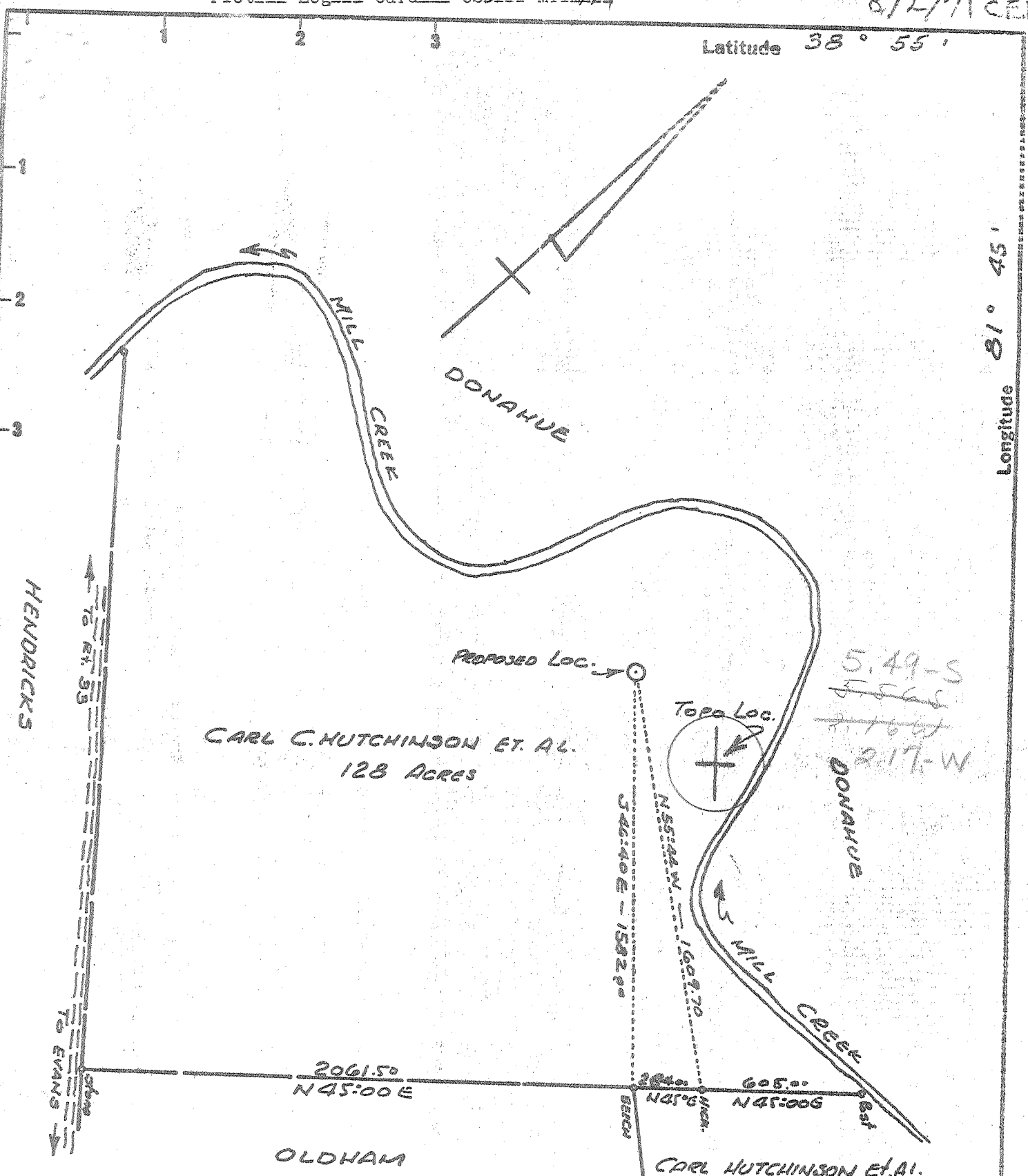
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

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

5-0 Ripley North AUG 30 1971 (311) Deep Well (Newburg)

Latitude 38° 55'

Longitude 81° 45'



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Company MANAGEMENT CONTROL CORP.
 Address P.O. Box 916, EAST LIVERPOOL, OHIO
 Farm CARL C. HUTCHINSON ET AL.
 Tract _____ Acres 128 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 575.0'
 Quadrangle RAVENSWOOD EC
 County JACKSON District UNION
 Engineer N. L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 7-31-71 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Joc-1303

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RECEIVED

AUG 20 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

* Corrected

Quadrangle Ravenswood

Permit No. Jac - 1303

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Management Control Corp.
Address P.O. Box 916 E. Liverpool, Ohio
Farm Carl C. Hutchinson Acres.....
Location (waters) Mill Creek GL 602
Well No. KB 615 Elev.....
District Union County Jackson
The surface of tract is owned in fee by.....
Address.....
Mineral rights are owned by.....
Address.....
Drilling commenced 8-7-71
Drilling completed 8-15-71
Date Shot From..... To.....
With.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16			
13 3/8"	64	64	
10			Size of.....
8 1/2 5/8"	2227'	2227'	
6 3/4"		* 1577'	Depth set.....
5 1/2 1 1/2"	5127		
4 1/2"			
3			Perf. top.....
2			Perf. bottom.....
Liners Used			Perf. top.....
			Perf. bottom.....

Open Flow /10ths Water in..... Inch
/10ths Merc. in..... Inch
Volume None Cu. Ft.
Rock Pressure..... lbs. hrs.
Oil..... bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS).....

Attach copy of cementing record.
CASING CEMENTED..... SIZE..... No. Ft..... Date.....
Amount of cement used (bags).....
Name of Service Co. See below
COAL WAS ENCOUNTERED AT..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

WELL FRACTURED (DETAILS) No

RESULT AFTER TREATMENT (Initial open Flow or bbls.).....

ROCK PRESSURE AFTER TREATMENT..... HOURS.....

Fresh Water..... Feet..... Salt Water..... Feet.....

Producing Sand..... Depth.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock & Shale			0	700			
Sand & Shale			700	1565			
Lime			1565	1685			
Sand			1685	1750			
Shale & Sand			1750	2165			
Sand			2165	2170			
Shale			2170	4370			
Lime			4370	4440			
Sand			4440	4500			
Lime & Dolomite			4500	5151			
Newburg			5151	5160	(Sand 5158 - 5160)		
Lime & Shale			5160				
TOTAL DEPTH				5200			
13 3/8"	64'	8-7-71	75 sks.	Halliburton			
8 5/8"	2227'	8-11-71	410 sks.	Halliburton			
5 1/2"	5127'	8-14-71	175 sks.	Dowell			



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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Ravenswood
Permit No. Jac - 1303

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Management Control Corp.
Address P.O. Box 916 E. Liverpool, Ohio
Farm Carl C. Hutchinson Acres.....
Location (waters) Mill Creek GL 602
Well No. Elev. KB 615
District Union County Jackson
The surface of tract is owned in fee by.....
Address.....
Mineral rights are owned by.....
Address.....
Drilling commenced 8-7-71
Drilling completed 8-15-71
Date Shot..... From..... To.....
With.....
Open Flow /10ths Water in..... Inch
/10ths Merc. in..... Inch
Volume None Cu. Ft.
Rock Pressure..... lbs..... hrs.
Oil..... bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS).....
WELL FRACTURED (DETAILS) No
RESULT AFTER TREATMENT (Initial open Flow or bbls.).....
ROCK PRESSURE AFTER TREATMENT..... HOURS.....
Fresh Water..... Feet..... Salt Water..... Feet.....
Producing Sand..... Depth.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16			Size of.....
13 3/8"	64	64	Depth set.....
10			Perf. top.....
8 1/2 5/8"	2227'	2227'	Perf. bottom.....
6 3/4			Perf. top.....
5 3/4 1 1/2	5127		Perf. bottom.....
4 1/2			
3			
2			
Liners Used.....			

Attach copy of cementing record.
CASING CEMENTED..... SIZE..... No. Ft..... Date.....
Amount of cement used (bags).....
Name of Service Co. See below
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
Red Rock & Shale			0	700			
Sand & Shale			700	1565			
Lime - <u>Big Lime</u>			1565	1685			
Sand - <u>Injun</u>			1685	1750			
Shale & Sand			1750	2165			
Sand - <u>Berea</u>			2165	2170			
Shale			2170	4370			
Lime - <u>Hunterville - 463</u>			4370	4440			
Sand - <u>ORISKANY</u>			4440	4500			
Lime & Dolomite - <u>HELDERBERG & SALINA</u>			4500	5151			
Newburg			5151	5160			(Sand 5158 - 5160)
Lime & Shale			5160				
TOTAL DEPTH				5200			
				<u>545</u>			
5/8"	64'	8-7-71	75	sk.	Halliburton		
5/8"	2227'	8-11-71	410	sk.	Halliburton		
5/8"	5127'	8-14-71	175	sk.	Dowell		

AUG 30 1971

(over)