

New Location
 Drill Deeper
 Abandonment

AlliedSignal, Inc.
 P.o. Box J
 Moundsville, wva. 26041
 Surface: Hanlin Chemicals, Inc.

Tract _____ Acres 121⁹¹/₁₀₀ Lease No. _____

Well (Farm) No. 2 Serial No. _____

Elevation (Spirit Level) 638.9

Quadrangle CLARINGTON

County MARSHALL District CLAY

Engineer N. JAMES SCHELLHASE

Engineer's Registration No. 1673

File No. OIL WELLS Drawing No. 2

Date NOV. 6, 1951 Scale 1 inch = 600 feet

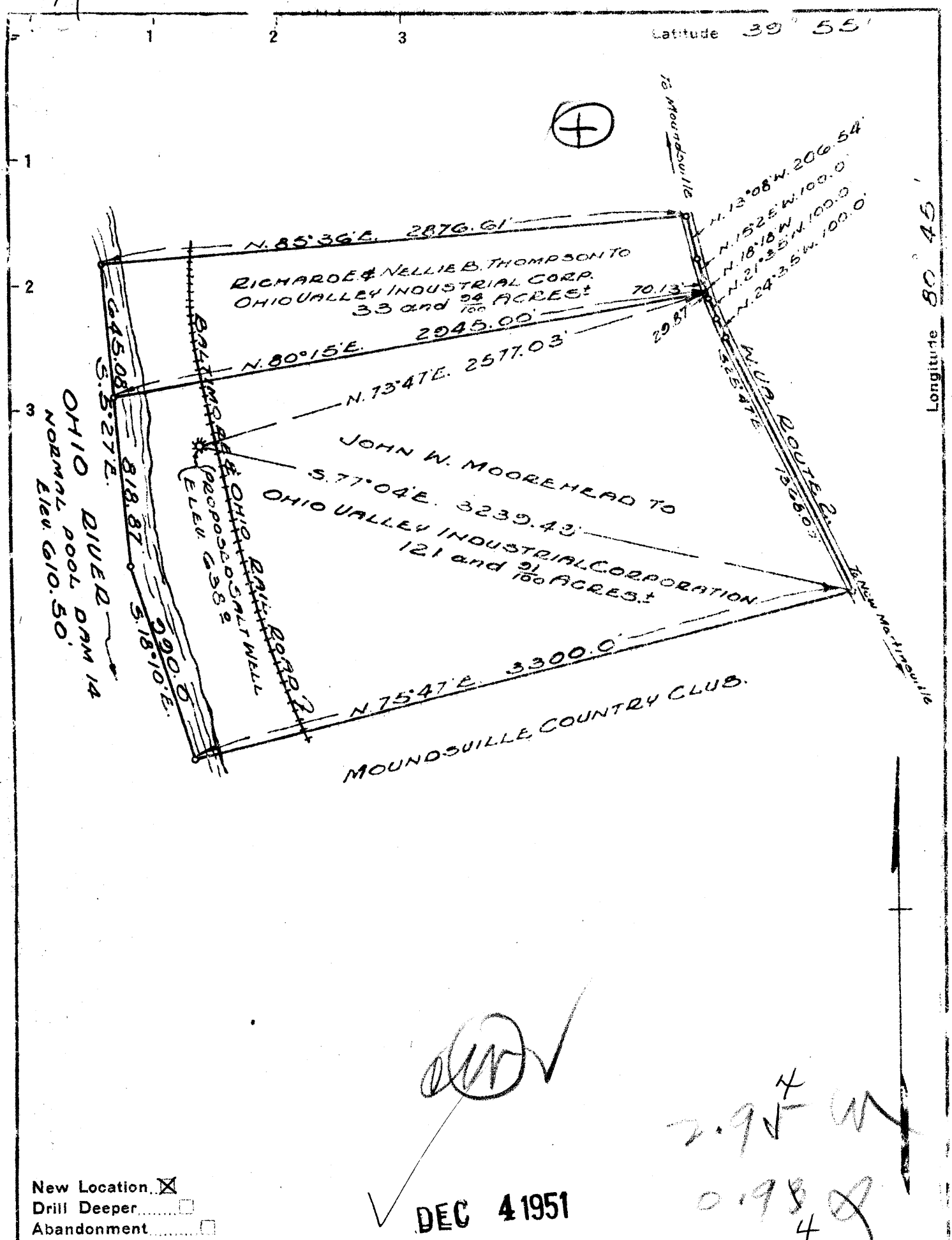
WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506

WELL LOCATION MAP
 FILE NO. MARS-229-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.

DEC 28 1951



New Location
 Drill Deeper
 Abandonment

DEC 4 1951

2.95 W
 0.98 W
 4

Company SOLVAY PROCESS DIVISION
ALLIED CHEMICAL & DYE CORPORATION
 Address SYRACUSE, NEW YORK
 Farm OHIO VALLEY INDUSTRIAL CORP.
 Tract _____ Acres 121⁹¹/₁₀₀ Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 638.9
 Quadrangle CLARINGTON
 County MARSHALL District CLAY
 Engineer NUMES SCHELLHASE
 Engineer's Registration No. 1973
 File No. OHIO WELLS Drawing No. 2
 Date NOV. 6, 1951 Scale 1 inch = 600 feet

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

WELL LOCATION MAP
 FILE NO. MARS-229

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 - Denotes on inch spaces on border line of original tracing

Deep well

MARS-229

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

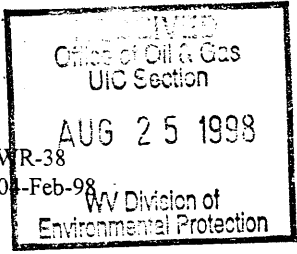
Permit No. Mars 229
Clarrington Quad.
Company

Salt Well
CASING & TUBING

Address	Solvay Process Div., Allied Chemical & Dye Corp.	14	70	70
Farm	P.O. Drawer 271, Syracuse 1, N.Y.	10	441	441
Location	Solvay Process Division Acres	8½	1780	1780
Well No.	Ohio River	7 OD	6421	6421
District	2 Clay Elev. 6380 6380			
Surface	Round Bottom Marshall County	Casing cemented:		
Mineral	Solvay Process Div, Syracuse, N.Y.	8½	1780'	3-4-52
Commenced	Same	7 OD	6421	6-10-52
Completed	Jan. 8, 1952	Coal at 88'; 414'		
Water	June 25, 1952	632'; 851'		
	60-70' 14" drive pipe to 70'; 845'			
	5½ blrs. per hr.; 1229, 1240' HF;			
	6274' 1/2 blr. per hr.			

Sand & Gravel	9	70	Slate, Shells	1483	1550
Lime	70	88	Lime	1550	1625
✓ Coal Pgh.	88	91	Slate, Shells	1625	1762
Slate & Lime	9k	140	Lime	1762	1769
Red Rock	140	145	Slate, Shells	1769	1850
Slate & Shells	145	205	Slate, Shells Pink	1850	1910
Lime Gritty	205	233	Slate, Shells	1910	2747
Slate & Shells	233	253	Lime Gritty	2747	2791
Pink Rock	253	257	Lime	2791	2845
Slate	257	260	Slate, Shells	2845	3116
Sand	260	267	Lime	3116	3145
Red Rock	267	272	Slate, Shells	3145	3160
Slate	272	282	Lime Shells, & Slate	3160	4962
Red Rock	282	289	Shale Brown	4962	5456
Slate	289	310	Lime Shells	5456	5475
Lime	310	315	Shale	5475	5567
Sand	315	325	Lime	5567	5778
Slate	325	329	Oriskany	5778	5841
Red Rock	329	349	Lime Gritty	5841	6414
Slate	349	355	Salt	6414	6546
Red Rock	355	366	Shale	6546	6556
Slate	366	370	T.D.	6556	
Red Rock	370	374	Run 10" casing at 441'		
Slate & Shells	374	414	Gas smell 632'		
Coal	414	415	Gas 1016 small amount		
Slate	415	422	Oil 1550-60 smell		
Pink Rock	422	430	Surveyed well, run and cemented 8" casing at 1780'		
Slate	430	440			
Lime Gritty	440	447			
Slate, Shells	447	457	Gas pocket 5436, 5440, 5493, 5495, 5501, 5506, 5510, 5524, 5526, 5530, 5532, 5534, ✓		
Lime	457	486			
Slate, Shells Black	486	554			
Lime Gritty	554	615	Hung 7" O.D. casing in hole at 6421, and cemented with 225 bags of cement		
Sand	615	632			
✓ Coal	632	634			
Sand	634	650	Run Sperry-Sun and Schlumberger well surveys.		
Lime	650	667			
Slate, Shells	667	694			
Sand	694	708			
Slate, Shells	708	723			
Sand	723	743			
Slate, Shells	743	766			
Sand,	766	851			
✓ Coal	851	852			
Sand	852	887			
Slate, Shells	887	1015			
Sand	1015	1100			
Lime	1100	1132			
Sand	1132	1203			
✓ Coal	1203	1204			
Sand	1204	1411			
Slate, Shells	1411	1474			
Lime	1474	1483			

5567	5778
638	638
-4929	-5140



API # 47- 51-00229-P

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: HANLIN CHEMICALS Operator Well No.: 2

LOCATION: Elevation: 638.00 Quadrangle: BUSINESSBURG
District: CLAY County: MARSHALL
Latitude: 4800 Feet South of 39 Deg. 55 Min. 0 Sec.
Longitude: 3250 Feet West of 80 Deg. 47 Min. 30 Sec.

Well Type: OIL _____ GAS _____ OTHER: BRINE

Company: Allied Signal Inc. Coal Operator _____
PO Box J or Owner _____
Moundsville, WV 26041

Agent: Don P. DeNoon Coal Operator _____
or Owner _____

Permit Issued: 02/04/98

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of _____ ss:

Union Drilling and James R. Harry, Consultant being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named operator, and participated in the work of plugging and filling the above well, and Michael W. Lewis Oil and Gas Inspector representing the Director, say that said work was commenced on the 21 day of December, 1997, and that the well was plugged and filled in the following manner:

Type	From	To	Pipe Removed	Left
Class A w/Latex	4.136'	4.690'	14" 0'	70'
6% Gel	3.100'	4.136'	10(3/4)" 0'	440'
Class A w/Latex	2.568'	3.100'	8(5/8)" 0'	1.786'
6% Gel	2.086'	2.568'	7" 2.086'	5.020'
Class A w/Latex	1.860'	2.086'	<u>5020'</u>	<u>1401'</u>
6% Gel	0'	1.860'		

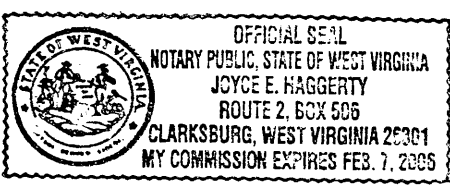
Description of monument: 8(5/8) welded pipe w/2" vent (5' length)
and that the work of plugging and filling said well was completed on the 9 day of February, 1998.

and further deponents saith not. William J. Daniels, Union Drilling

Sworn and subscribe before me this 6 day of AUGUST, 1998
My commission expires: 2-7-2006

Joyce E. Haggerty
Notary Public

Oil and Gas Inspector: Michael W. Lewis



MARS 0229-P

81 1998