

New Location   
 Drill Deeper.....  
 Abandonment

AlliedSignal, Inc.  
 P.O. Box J  
 Moundsville, wva. 26041

Farm ALLIED CHEMICAL & DYE CORP.

Tract 1 Acres 121 <sup>21</sup>/<sub>100</sub> Lease No. ---

Well (Farm) No. 5 Serial No. ---

Elevation (Spirit Level) 635.00'

Quadrangle CLARINGTON BUSINESSBURG 7.5

County MARSHALL District CLAY

Engineer N. JAMES SCHELLHASE

Engineer's Registration No. 1073.

File No. OIL WELLS. Drawing No. 5

Date December 23, 1952 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-245-8

+ 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.

JAN 30 1998





0.93 S 39°55'  
3,00 W 30°45'

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

Clarington EC

WELL RECORD

Permit No. Wass-245

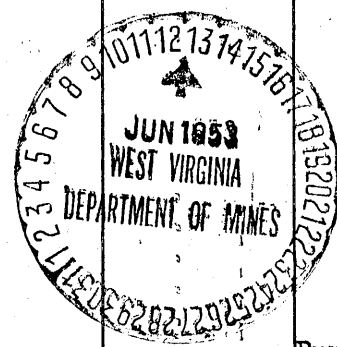
Oil or Gas Well          Salt           
(KIND)

Company Solvay Process Division  
 Address P. O. Drawer 271, Syracuse 1, New York  
 Farm Solvay Process Division Acres 121  
 Location (waters) Ohio River  
 Well No. 5 Elev. 635'  
 District Round Bottom County Marshall  
 The surface of tract is owned in fee by Solvay Process Div.  
 Address Syracuse, N. Y.  
 Mineral rights are owned by Solvay Process Division  
 Address Syracuse, N. Y.  
 Drilling commenced January 3, 1953.  
 Drilling completed May 13, 1953.  
 Date Shot          From          To           
 With           
 Open Flow          /10ths Water in          Inch  
         /10ths Merc. in          Inch  
 Volume          Cu. Ft.  
 Rock Pressure          lbs.          hrs.  
 Oil          bbls., 1st 24 hrs.  
 Fresh water          feet          feet  
 Salt water          feet          feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18 14"	66' 8"		
10	432' 2"		Size of
8 1/4	1806' 8"		
6 7/8" O.D.	6393' 6"		Depth set
5 3/16 4"	6507' 7"		
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 1/4 SIZE 1806' No. Ft. 2/5/53 Date  
7" O. D. 6393' 5/19/53  
 COAL WAS ENCOUNTERED AT 85 FEET          INCHES  
405 FEET          INCHES 806 FEET          INCHES  
         FEET          INCHES          FEET          INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand, Gravel			0	65			
Lime			65	85			
Coal			85	88			14" Drive Pipe to 66' 8" ..
Shale			88	98			
Sand			98	117			
Shale			117	130			
Lime			130	140			
Red Rock			140	145			
Sand Shells			145	229			
Red Rock			229	237			
Slate, Shells			237	242			
Red Rock			242	270			
Slate			270	288			
Red Rock			288	315			
Slate, Shells			315	330			
Red Rock			330	339			
Slate, Shells			339	405			
Coal			405	406			
Slate			406	416			
Red Rock			416	422			
Sand Shells			422	445			
Slate, Shells			445	585			
Sand			585	641			
Lime			641	650			
Slate			650	714			
Sand			714	738			
Slate			738	747			
Sand			747	806			
Coal			806	807			
Slate			807	815			
Sand			815	856			
Gritty Lime			856	880			
Slate, Shells			880	996			
Broken Sand			996	1075	Water	1,005'	Show of Water.
Big Lime			1075	1118			
Big Injun Sand			1118	1390	Water	1,219'	8 Bailers per hr.
Slate, Shells			1390	1532			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gritty Lime Slate, Shells			1532 1631	1631 4983	Water	4,294'	Run 8" Casing at 1,809', Cemented by Halliburton with 300 bags of Cement.
Shale			4983	5296			
Lime			5296	5330			
Slate, Shells			5330	5448			
Lime			5448	5458			
Shale			5458	5545	Gas Blowouts	5,495'	
						5,502'	
						5,506'	
						5,510'	
						5,514'	
						5,518'	
						5,521'	
						5,524'	
						5,530'	
						5,534'	
						5,543'	
Lime			5545	5754			
Oriskany Sand			5754	5930			
Lime			5930	6198			
Slate, Shells			6198	6221			
Lime			6221	6350	Water	6,243'	Run 7" O. D. Casing at 6,390'. Cemented by Halliburton with 500 bags of Cement.
Slate			6350	6400			
Salt			6400	6539			Run 6,507' 7" of 4" Tubing.
Slate			6539				
Total Depth				6565			

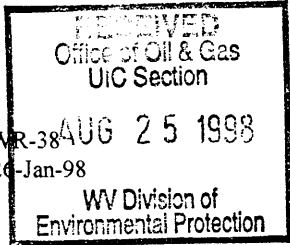
~~5545
5754  
635
635  


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-4910
-5119~~

This report made up by  
J. A. Fox, Drilling Contractor  
Box 205  
Washington, Pennsylvania

Date June 12, 1953  
APPROVED Selwyn P. Fox, Owner  
By J. A. Fox



WR-38406 25 1998  
26-Jan-98

API # 47- 51-00245-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.: 5

LOCATION: Elevation: 635.00 Quadrangle: BUSINESSBURG  
District: CLAY County: MARSHALL  
Latitude: 4850 Feet South of 39 Deg. 55 Min. 0 Sec.  
Longitude: 3450 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: 01/26/98

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of \_\_\_\_\_ ss:

BJ Services 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 22 day of January, 1998, and that the well was plugged and filled in the following manner:

Type	From	To	Pipe Removed	Left
Class A	5.576'	5.642'	14" 0'	81'
6% Gel	2.778'	5.576'	10(3/4)" 0'	432'
Class A w/Latex	2.608'	2.778'	8(5/8)" 0'	1,806'
Class A	2.258'	2.608'	7" 2.778'	3,787'
6% Gel	2.156'	2.258'		
Class A	1.705'	2.156'		
6% Gel	0'	1.705'		
Bridge Plug	5.882'			

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 3 day of February, 1998.

and further deponents saith not.

Philip J. Rafferty BJ Services

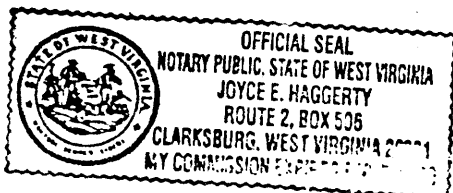
James R. Harry, Consultant

Sworn and subscribe before me this 14 day of August, 1998

My commission expires: FEB. 7, 2006

Joyce E. Haggerty  
Notary Public

Oil and Gas Inspector: Michael W. Lewis



MARS 0245-P