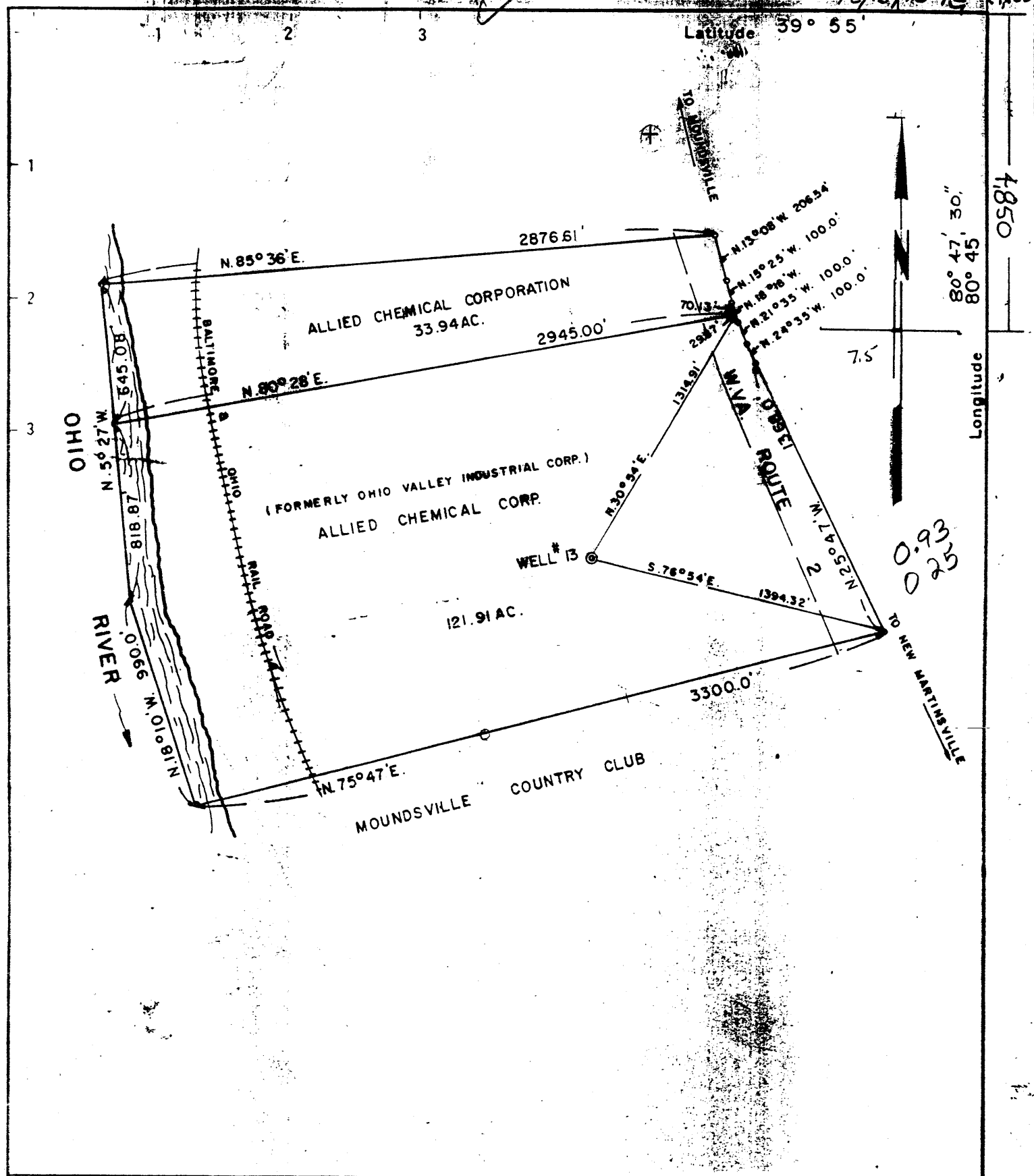


12/13/76 R 1400



Fracture Before 6/5/27
 New Location
 Drill Location
 Redrill
 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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
 PROVEN ELEVATION 704.51

Company LCP CHEMICALS
 Address P.O. DRAWER J, RT 2 MOUNDSVILLE, WVA
 Farm ALLIED CHEMICAL CORPORATION
 Tract _____ Acres 121.91 Lease No. OWNED
 Well (Farm) No. 13 Serial No. _____
 Elevation (Spirit Level) 704.51
 Quadrangle CLARINGTON Businessburg
 County MARSHALL District CLAY
 Engineer John R. Schellman
 Engineer's Registration No. 5214
 File No. _____ Drawing No. _____
 Date 11/18/76 Scale 1 inch = 600 Feet

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

APP# 47-051-00567 P
Allied Signal Inc.
P.O. Box J Moundsville WV 26041

↑ 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.

JUN 18 1998
47-051

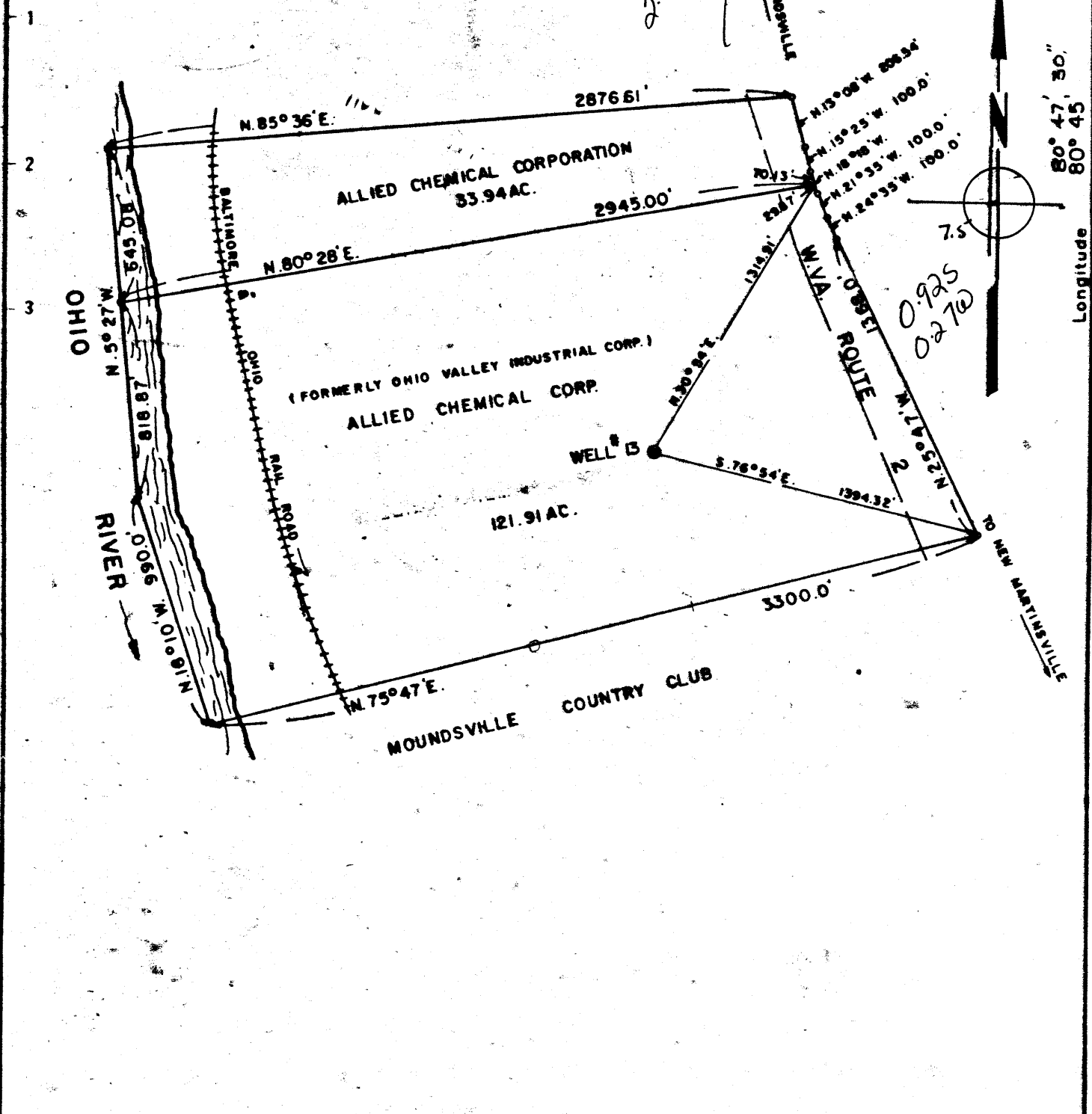
6600 Salin

MARSH 0567-RED-P

12/13/76 R 1400

CODE 2 CARD 3 PLOT

Latitude 39° 55'



Fracture Before 6/5/27
 New Location
 Drill Location
 Redrill
 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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
 PROVEN ELEVATION 704.51

Company LCP CHEMICALS 499
 Address PO DRAWER J112 MOUNDSVILLE, W.VA
 Farm ALLIED CHEMICAL CORPORATION
 Tract _____ Acres 121.91 Lease No. OWNED
 Well (Farm) No. 13 Serial No. _____
 Elevation (Spirit Level) 704.51
 Quadrangle CLARINGTON 026 274 Businessburg
 County MARSHALL District CLAY 2
 Engineer John R. Schellman
 Engineer's Registration No. 5214
 File No. _____ Drawing No. _____
 Date 11/18/76 Scale 1 inch = 600 Feet

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

WELL LOCATION MAP
 FILE NO. MARS-567 RE-DRILL

⊕ 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.

47-051

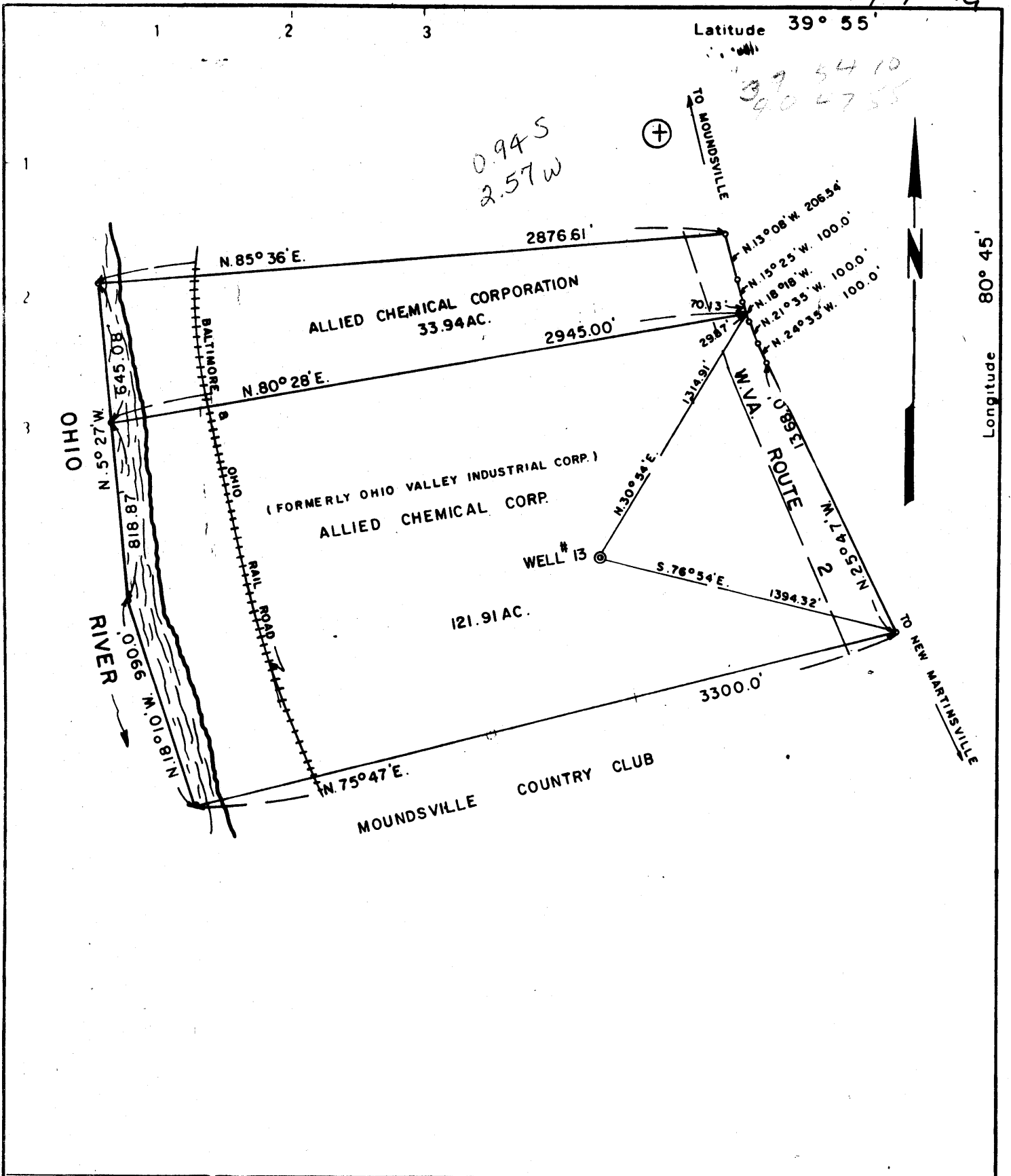
6600 Salina

DEEP WELL

Longitude 80° 47' 30" 80° 45'

14

12/13/76 RE



Fracture Before 6/5/27

New Location

Drill Location

Redrill

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

PROVEN ELEVATION 704.51

SOLVAY PROCESS DIVISION

Company ALLIED CHEMICAL CORPORATION

Address P.O. DRAWER D, MOUNDSVILLE W.Va.

Farm ALLIED CHEMICAL CORPORATION

Tract Acres 121.91 Lease No. OWNED

Well Farm No. 13 Serial No.

Elevation Spirit Level 704.51

Quadrangle CLARINGTON *Businessburg EC*

County MARSHALL District CLAY

Engineer John R. Schellman

Engineer's Registration No. 5214

File No. 8--- Drawing No.

Date 11/18/76 Scale 1 inch = 600 Feet

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

WELL LOCATION MAP
FILE NO. MARS-567

+ 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.

47-051 FEB 1 1977

(PD-65)

6600 Salina 9-0

Deaneville

WR-35

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY



State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date September 9, 1985

Operator's Well No. 13

Farm LCP Chemicals - WV Inc.

API No. 47 - 051 - 567-Red.

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Brine Well X / Oil ___ / Gas ___ / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production ___ / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 704.51 Watershed Ohio River
District: Clay County Marshall Quadrangle Businessburg, OH

COMPANY LCP Chemicals - WV Inc.
ADDRESS P.O. Drawer J, Moundsville, WV 26041
DESIGNATED AGENT A. R. Morris, Plant Manager
ADDRESS P.O. Drawer J, Moundsville, WV 26041
SURFACE OWNER Same
ADDRESS
MINERAL RIGHTS OWNER Same
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS Middlebourne, WV 26149
PERMIT ISSUED Emergency July 19, 1985
DRILLING COMMENCED July 19, 1985
DRILLING COMPLETED August 6, 1985
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cord.			
13-10"	71'	71'	118 - Suf.
9 5/8	1583	1583	625 - Suf.
8 5/8			
7	6620	6620	250 cu.ft.
5 1/2			
4 1/2	273'	273'	Tubing
3	6420'	6420'	Tubing
2			
Liners used			

GEOLOGICAL TARGET FORMATION Salina Depth 6597 feet
Depth of completed well 6717 feet Rotary X / Cable Tools
Water strata depth: Fresh 105 & 920 feet; Salt 6597 feet
Coal seam depths: 82'-84' and 100'-105' Is coal being mined in the area? Yes
Not under LCP

OPEN FLOW DATA

Producing formation Salina Pay zone depth 6597 feet
Salt ~~Calc~~ Initial open flow None Mcf/d Oil: Initial open flow None Bbl/d
Final open flow None Mcf/d Final open flow None Bbl/d
Time of open flow between initial and final tests - hours
Static rock pressure - psig (surface measurement) after - hours shut in
(If applicable due to multiple completion--)
Second producing formation N/A Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

SEP 30 1985

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Well completed with 7" casing installed and cemented from bottom of upper salt section 6685' up to bottom of Marcellus shale at 5712' (measured depth).
 Installed 4-1/2" and 3-1/2" OD center tube suspended from well head to 6681' for water recirculation to produce and/or develop the well as a brine production well.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Gravel & Sand			0	73	
Shale			73	82	
Coal			82	84	
Shale-Lime			84	100	Water 105' - Est. 1" stream
Coal			100	105	
Shale-Lime-Med			105	250	
Shale-Red Rock			250	535	
Soft Shale			535	1170	Water 920' - Estimated additional 1" stream
Lime - Med			1170	1285	
Sand & Shale			1285	1305	
White Sand			1305	1390	
Lime & Slate			1390	1640	9-5/8" casing set 1583'
Shale & Slate			1640	5621	
Marcellus Shale - Soft			5621	5712	
Lime & Chert Hard			5725	5960	
Oriskany Sand - Hard			5960	6050	
Lime & Shale - Med. to Hard			6050	6581	
Salt - Soft			6581	6680	7' casing 6630'
Anhydrite - Med.			6680	6691	
Salt - Soft			6691	6717	T.D.

6717
 6652
 (65 New Stage drilled)

(Attach separate sheets as necessary)

LCP CHEMICALS - WEST VIRGINIA, INC.

Well Operator

By: A. R. Morris A. R. Morris, Plant Manager

Date: September 9, 1985

Prepared By: Alex Vargo A. Vargo, Maint. Engineer

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

(BRINE) WELL RECORD

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OCT 30 1977

Oil and Gas Division
DEPARTMENT OF MINES

Rotary Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ **BRINE** (Kind)

Quadrangle NE-4 Clarington 15'

Permit No. MARS - 567

Company ALLIED CHEMICAL
Address P.O. DRAWER E, MOUNDSVILLE, W.VA.
Farm ALLIED CHEMICAL CORP. Acres 121.91
Location (waters) OHIO RIVER
Well No. 13 Elev. 704.51
District CLAY County MARSHALL
The surface of tract is owned in fee by _____
ALLIED CHEMICAL CORP.
Address SAME
Mineral rights are owned by ALLIED CHEMICAL
CORP. Address SAME
Drilling Commenced 7/14/77
Drilling Completed 8/16/77
Initial open flow NONE cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	68	68	150 SX (TO SURF)
9 5/8	1602	1602	500 SX (TO SURF)
8 5/8			
7	6630	6630	200 SX
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well completed with 7" casing installed and cemented from bottom of upper salt section 6630' to bottom marcellus shale 5675'. Plan to install tubing at future date and solution develop by water circulation and/or fracturing to cause this well to communicate with #12 in the lower salt section.

Coal was encountered at 101 - 103 Feet _____ Inches _____
Fresh water _____ Feet 118' Salt Water NONE Feet _____
Producing ~~SALT~~ SALT SECTION Depth 6520' - 6652'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Gravel	-	Soft	GL	75	Water	
Lime	-	Med.	75	101		
Coal			101	103	Water	
Shale & Lime	-	Med.	103	222		
Red Rock	-	Soft	222	252		
Shale	-	Soft	252	1087		
Lime & Sand	-	Med. to Hard	1087	1617		Set 9-5/8" Casing 1602'
Shale & Slate	-	Med.	1617	5612		
Marcullus Shale	-	Very Soft	5612	5675		Caving Hole
Lime & Chert	-	Hard	5675	5912		
Oriskany Sand	-	Hard	5912	5992		
Lime & Chert	-	Med. to Hard	5992	6520		
Salt	-	Soft	6520	6622		
Anhydrite	-	Med.	6622	6632		
Salt			6632	6652	TD	

SALINA

5675 5912
705 705
4970 5207

(over)

* Indicates Electric Log tops in the remarks section.

NOV 7 1977

7/85



1) Date: September 9, 19 85
 2) Operator's Well No. 13
 3) API Well No. 47 051 Marshall Mars 567
 State County Permit
Redrill

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 SEP 16 1985

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas / Brine Well /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 740.51 Watershed: Ohio River
 District: Clay 499 County: Marshall Quadrangle: Business
- 6) WELL OPERATOR LCP Chemicals CODE: 26800 7) DESIGNATED AGENT A. R. Morris, Plant Manager
 Address P.O. Drawer J, Rt. 2 Address Moundsville Plant
Moundsville, WV 26041 A. R. Morris
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Lowther 9) DRILLING CONTRACTOR: A. R. Morris
 Address Middlebourne, WV 26149 Name S. W. Jack Drilling Co.
 Address Buckhannon, WV

- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Salina Formation 6500' - 6600' 519
 12) Estimated depth of completed well, 6650 feet
 13) Approximate trata depths: Fresh, 75 - 103 feet; salt, 6526 feet. (Not under plant site)
 14) Approximate coal seam depths: 101 - 103 Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	13-3/8	H-40	48#	68'		68	68	150 SX (Suf)	Kinds Brown
Fresh water	9-5/8	H-40	32.3#	1602'		1602	1602	500 SX (Suf)	
Coal	Same as above								Sizes 5-1/2 x 6-1/8
Intermediate	Same as above								
Production	7"	J-55	26#	2630	4000		6625	200SX	Depths set 6220
Tubing	Development Only 6636', 4-1/2", 11.6#								
Liners	5"	J-55	15.2#	410					Perforations: None Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-051-0567-Redrill Date July 29 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires July 29, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee	WPCP	S&E	Other
C.D.		MU	MU	600625	NOT REQUIRED		

NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]
 Director, Division of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

DEC 30 1976

OIL AND GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE November 23, 1976

Surface Owner Allied Chemical Corporation
Address P.O. Drawer D, Moundsville, W. Va.
Mineral Owner Same
Address Same
Coal Owner Same
Address Same
Coal Operator None
Address _____

Company Allied Chemical Corporation
Address P.O. Drawer D, Moundsville, W. Va.
Farm Allied Chem. Corp. Acres 121.91
Location (waters) Ohio River
Well No. 13 Elevation 704.51
District Clay County Marshall
Quadrangle Businessburg, Ohio - W. Va.
NE/4 Clarrington 15' Quadrangle
N 3952.5 - W 8045/7.5

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 5-12-77

INSPECTOR
TO BE NOTIFIED Wm. Blaser
ADDRESS Culpeper, Va.
PHONE 363-9105

Robert L. ...
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 4th Feb. 1952 by Ohio Valley Ind. Corp. made to Allied Chemical & Dye and recorded on the 4th day of Feb. 1952 in _____ County, Book 282 Page 477

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) [Signature]
Well Operator

Street

City or Town

State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

(Brine Well)

Mar-567 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by [Signature]

47-051

[Signature]

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME (tentative) S. W. Jack Drilling Co. NAME _____
 ADDRESS P.O. Box 754, Indiana, PA 15701 ADDRESS _____
 TELEPHONE _____ TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 6600 ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Salina
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER Brine

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	100'	100'	To surface
9 - 5/8	1600'	1600'	450 SX
8 - 5/8			
7	6550	6550	200 SX
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 1200 FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS 150' (3 ft.) _____, 450' (1 ft.) - 900' (1 ft.) _____

IS COAL BEING MINED IN THE AREA? Yes BY WHOM? *Consolidation Coal Co.

*No coal is being mined under, or immediately adjacent to, the Allied property herein described TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

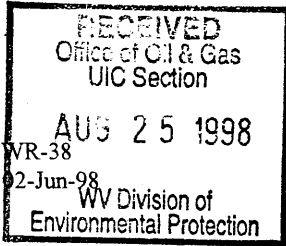
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



API # 47-51-00567-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.: 13

LOCATION: Elevation: 704.00 Quadrangle: BUSINESSBURG
District: CLAY County: MARSHALL
Latitude: 4850 Feet South of 39 Deg. 55 Min. 0 Sec.
Longitude: 1400 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: 06/01/98

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

Type	From	To	Pipe Removed	Left
Class A	5.734'	5.934'	13(3/8)" 0'	68'
Salt Water Gel	4.950'	5.734'	9(5/8)" 0'	1.602'
Class A w/Latex	4.513'	4.950'	7" 4.871'	1.759'
Salt Water Gel	3.000'	4.513'		
Class A w/Latex	1.858'	3.000'		
Fresh Gel (6%)	0'	1.858'		
Bridge Plug	5.934'			

Description of monument: 9(5/8) welded pipe w/2" vent (5' length)
and that the work of plugging and filling said well was completed on the 30 day of June, 1998.

and further deponents saith not.

William G. Jones Union Drilling BOTT OM Plug

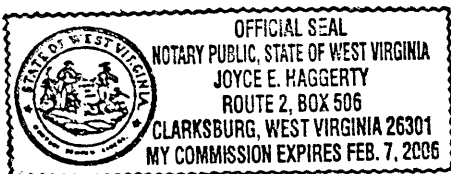
James R. Harry, Consultant

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 0567-P

AUG 31 1998