



1) Date: July 25, 19 84
 2) Operator's Well No. A-1547 (Westvaco)
 3) API Well No. 47 - 083 - 0949
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 2645' Watershed: Birch Fork MTM 25A
 District: Middle Fork 5 County: Randolph Quadrangle: Cassity 7.5' 282
- 6) WELL OPERATOR Alamco 975
 Address P. O. Box 1740
Clarksburg, WV 26301
- 7) DESIGNATED AGENT D. L. Wheeler
 Address P. O. Box 1740
Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip Tracy
 Address P. O. Box 2536
Elkins, WV 26241
- 9) DRILLING CONTRACTOR:
 Name Development Drilling, Inc.
 Address P. O. Box 1740
Clarksburg, WV 26301
- 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, Elk
- 12) Estimated depth of completed well, 5200 feet
- 13) Approximate strata depths: Fresh, Unknown feet; salt, _____ feet.
- 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM

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 DEPT. OF MINE

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	16"				X	20'	20'	Cement to Surface	
Fresh water									
Coal	8-5/8"		20#	X		700'	700'	Cement to Surface	by rule 15.05
Intermediate									
Production	4-1/2"		J.55	X		5200'	5200'	Req. by Rule 15.01	Deposited
Tubing			10.50#						
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0949

Date August 22, 19 84

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 August 22, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>4</u> BLANKET	Agent: <u>LA</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>664</u>
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[Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) WELL LOCATION: B (Oil/Gas) Production
 2) LOCATION: Elevation: 2025', District: Middle Fork, County: Randolph, Quarter: East, Township: MTTM 22A, Range: 22S, Section: 22A
 3) DESIGNATED AGENT: D.L. Woodruff, Address: P.O. Box 1740, Charleston, WV 25301
 4) WELL OPERATOR: Address: P.O. Box 1740, Charleston, WV 25301
 5) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Billie Tracy, Address: P.O. Box 2530, Charleston, WV 25301
 6) PROPOSED WELL WORK: Drill X, Dip, Dipper, Redding, Shallow, Underground storage, Water table, Shallow, Well No. 47-083-0949
 7) BRILLING CONTRACTOR: Name: Development Drilling, Inc., Address: P.O. Box 1740, Charleston, WV 25301
 8) OTHER PHYSICAL CHANGE IN WELL (Depth):
 9) APPROXIMATE COAL SEAM DEPTHS:
 10) APPROXIMATE STRAT DEPTHS:
 11) ESTIMATED DEPTH OF COMPLETED WELL:
 12) CASTING AND TUBING PROGRAM:
 13) TESTS:
 14) TESTS:

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AUG - 1984

DEPT. OF MINE
OIL & GAS DIVISION

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

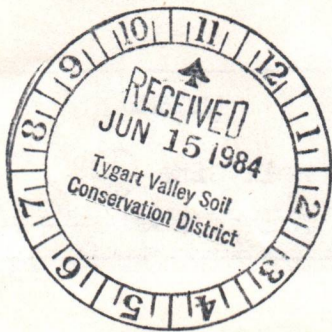
Reason: _____
 Reason: _____

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

12/01/2023

IV-9
(Rev 8-81)



State of West Virginia
Department of Mines
Oil and Gas Division

DATE 6/11/84
WELL NO. A-1547
API NO. 41 - 083 - 0949

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME ALAMCO
Address P. O. DRAWER 1740
Clarksburg, WV 26301
Telephone 623-6671

DESIGNATED AGENT Daniel L. Wheeler
Address P. O. Drawer 1740
Clarksburg, WV 26301
Telephone 304 623-6671

LANDOWNER WESTACO
Revegetation to be carried out by ALAMCO (Agent)

SOIL CONS. DISTRICT TYGART VALLEY

This plan has been reviewed by Tygart Valley SCD. All corrections
and additions become a part of this plan: 6-15-84

Junior Redick
(Date)
(SCD Agent)

ACCESS ROAD
Structure Drainage Ditch (A)
Spacing Earthen
Page Ref. Manual 2:12

LOCATION
Structure DRAINAGE Ditch (1)
Material Earthen
Page Ref. Manual 2:12

Structure CULVERTS (B)
Spacing 16" I.D. (WHERE NEEDED)
Page Ref. Manual 2:7

Structure RIP RAP (2)
Material Rock
Page Ref. Manual N/A

Structure SEDIMENT BARRIER (C)
Spacing HAY OR STRAW BALE'S
Page Ref. Manual 2:16

Structure RECEIVED (3)
Material AUG - 1 1984
Page Ref. Manual

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I
Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch STRAW 2 Tons/acre
Seed* TALL FESCUE 40 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre
DOMESTIC RYEGRASS 10 lbs/acre

Treatment Area II
Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch STRAW 2 Tons/acre
Seed* TALL FESCUE 40 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre
DOMESTIC RYEGRASS 10 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Daniel L. Wheeler 12/01/2023
ADDRESS P. O. Drawer 1740
200 West Main Street
Clarksburg, West Virginia 26301

NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

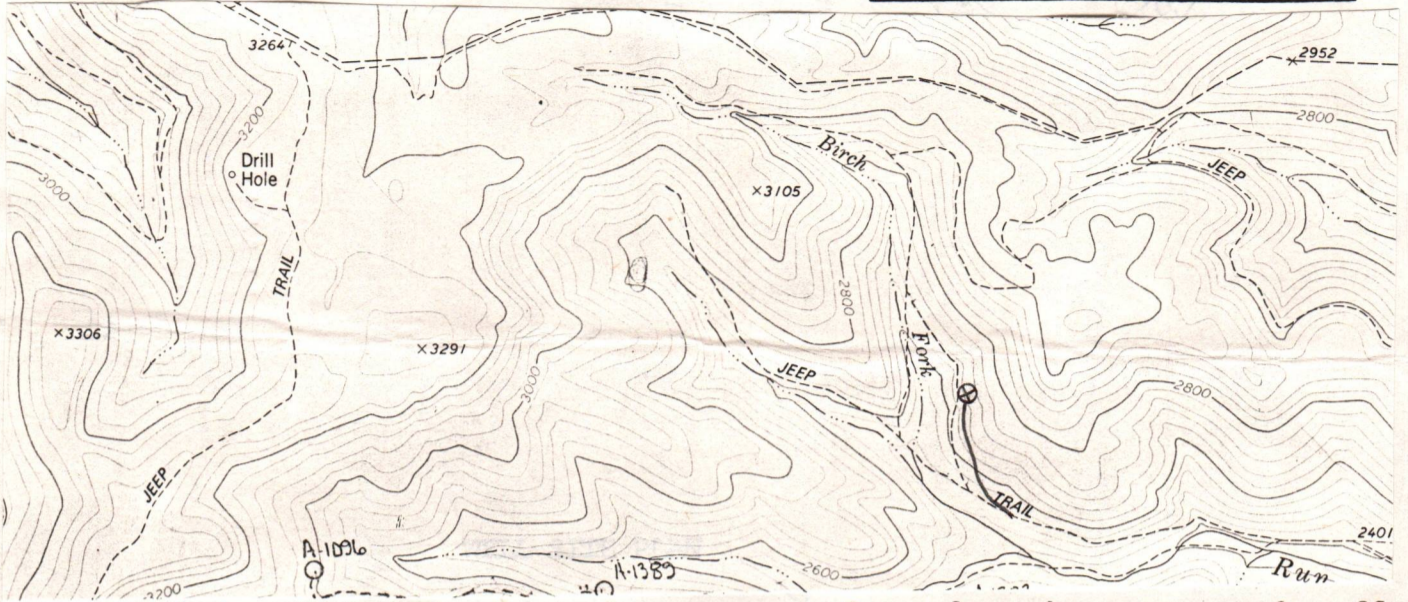
PHONE NO. 304 623-6671

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Cassidy 7.5' MIN.

LEGEND


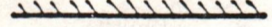




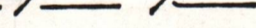


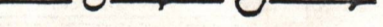
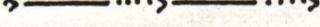
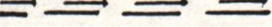
Well Site 

Access Road 



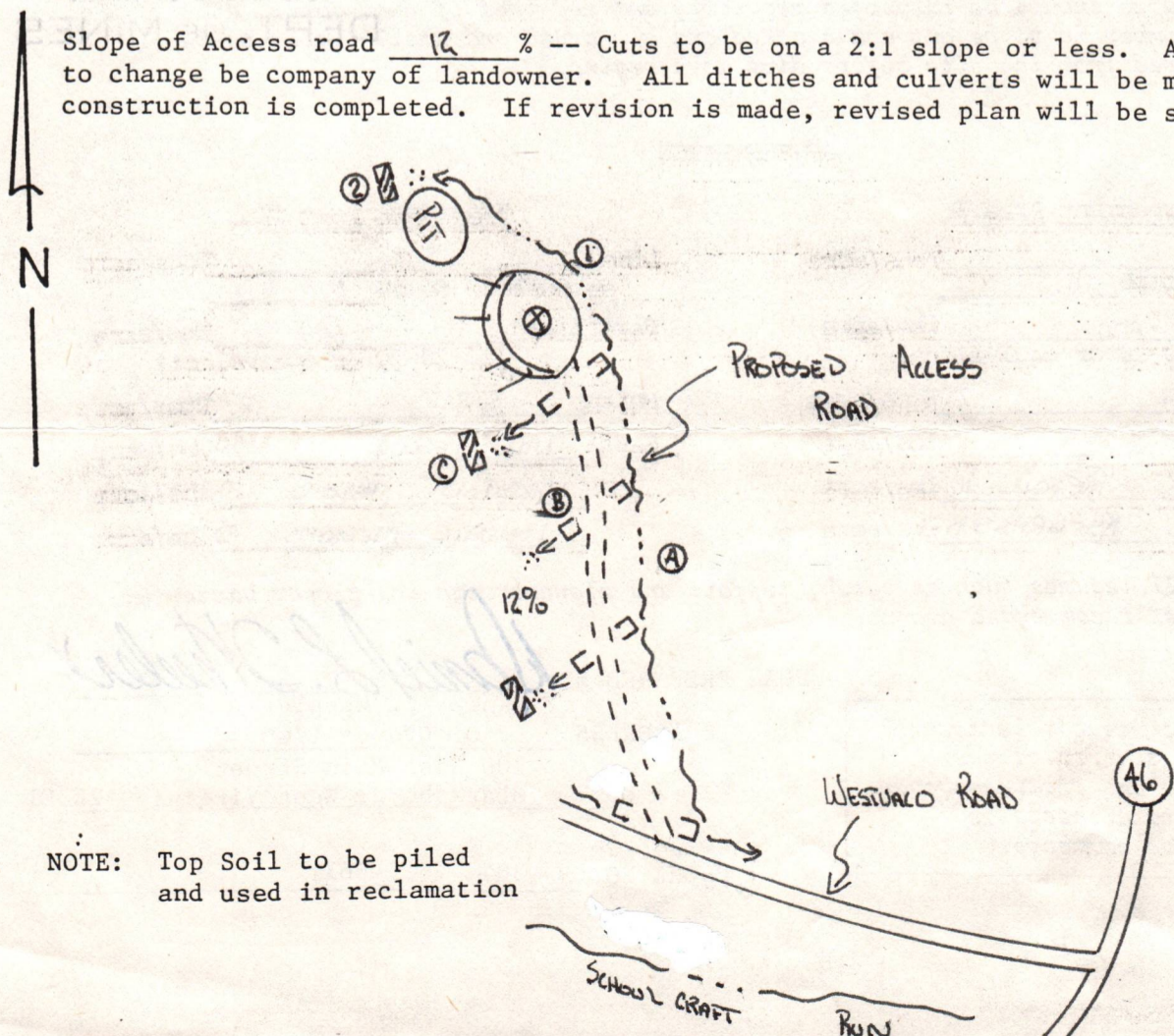
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

COMMENTS:

Slope of Access road 12 % -- Cuts to be on a 2:1 slope or less. Access road subject to change by company of landowner. All ditches and culverts will be maintained after construction is completed. If revision is made, revised plan will be submitted.



12/01/2023

NOTE: Top Soil to be piled and used in reclamation

1) Date: July 25, 1984
2) Operator's
Well No. A-1547 (Westvaco)
3) API Well No. 47 - 083 - 0949
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Westvaco Corp.
Address 203 Randolph Avenue
Elkins, WV 26241
(ii) Name _____
Address _____
(iii) Name _____
Address _____

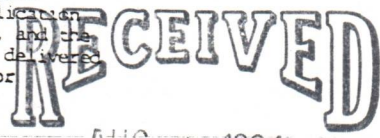
5(i) COAL OPERATOR
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Westvaco Corp.
Address 203 Randolph Avenue
Elkins, WV 26241
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.



AUG - 2 1984

6) EXTRACTION RIGHTS

Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? ~~XXX~~ No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Daniel L. Wheeler
this 25 day of July, 1984.
My commission expires 3/16, 1994.

Sheila D Parks
Notary Public, Harrison County,
State of West Virginia

WELL OPERATOR ALANCO, INC.
By Daniel L. Wheeler
Its Vice President
Address P. O. Drawer 1740
Clarksburg, WV 26301
Telephone 304-623-6671 12/01/2023

INSTRUCTIONS TO APPLICANT

P 528 439 868

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and location.
- 3) To be filled out.
- 4) & 5) Use separate sheets.
- 4) Surface owner(s) see also Code § 22-4-1 "co-owners of interests in such lands".
- 5(i) "Coal Operator" is a corporation that...
- 5(ii, iii) See Code § 22-4-1.
- 6) See Code § 22-4-1 continuing contract provided below.
- 7) See Code § 22-4-1.

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse) A-1547 SDP

Sent to	
Westvaco Corporation	
203 Randolph Avenue	
Elkins, West Virginia 2624	
P.O. State and ZIP Code A-1547	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom and Date Delivered	
Return Receipt Showing to Whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JUL 27 1984 USPS

location. However, person or other person hold interests

partnership association or

person(s) or other condition in the space

original and required administrator, accompanied by a bond in one of the forms prescribed by Code § 22-4-1a(c) and Regulation 22-4-8a from the record well.

person(s) and the person(s) named in 22-4-2a, and 22-4-2b.

CONCERNING THE REQUIRED COPIES:

Filing. Code § 22-4-1 requires three copies of the Notice to be filed with the plat. The forms prescribed by Code § 22-4-1k(d) and 22-3-12a, and (v) of the owner of any water well.

Service. In addition to the filing, a copy must be served on each person with an interest in the tract.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
Westvaco Corp.	Alamco, Inc.	1/8	362 743

Robert C. Schmidt

Westvaco

July 12, 1984

Director,
Department of Mines
Oil and Gas Division
State of West Virginia
1615 Washington Street, East
Charleston, West Virginia

RECEIVED
AUG - 2 1984

OIL & GAS DIVISION
DEPT. OF MINES

Re: Waivers of Coal Operator, Owner or Lessee and
Surface Owner

Dear Sir:

The undersigned coal owner of the coal under the acreage described in Exhibit "A" attached hereto and made a part hereof, has examined or will by the terms of the lease agreement with Alamco, Inc., examine all proposed well locations prior to the drilling of the same and where and if a mine map exists, which covers the area of any future well locations, the well locations have been or will be added to the mine map. The undersigned has no objection to the work proposed to be done upon this lease, provided, the well operator has complied with all applicable requirements of the West Virginia Code and governing regulations.

The undersigned surface owner of the surface of the tract described in Exhibit "A" referred to above has examined twenty-five (25) locations and approved the same and will examine and approve all locations submitted by Alamco, Inc., in accord with its lease agreement with Westvaco Corporation and the undersigned further states that it has no objection to the planned work upon the locations approved heretofore and on all future approved locations and the undersigned has no objection to a permit being issued for work on any well location permitted by Alamco, Inc., upon the acreage described in Exhibit "A".

WESTVACO CORPORATION

By [Signature]
Its Manager, West Virginia
Woodlands

Date: July 16, 1984

Westvaco Building
299 Park Avenue
New York, NY 10171
Telephone 212 688 5000

Producing formation	157	417	318	447	1000	111	111
Gas: Initial open flow	15	Mcf/d	Oil: Initial open flow		Bbl/d		
Final open flow	1400	Mcf/d	Final open flow		Bbl/d		
Time of open flow between initial and final tests <u>4</u> hours							
Static rock pressure <u>1150</u> psig (surface measurement after <u>120</u> hours shut-in							
(If applicable due to multiple completion--)							
Second producing formation			Pay zone depth		<u>12/01/2023</u>	feet	
Gas: Initial open flow		Mcf/d	Oil: Initial open flow			Bbl/d	
Final open flow		Mcf/d	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							

(continue on reverse side)

b760

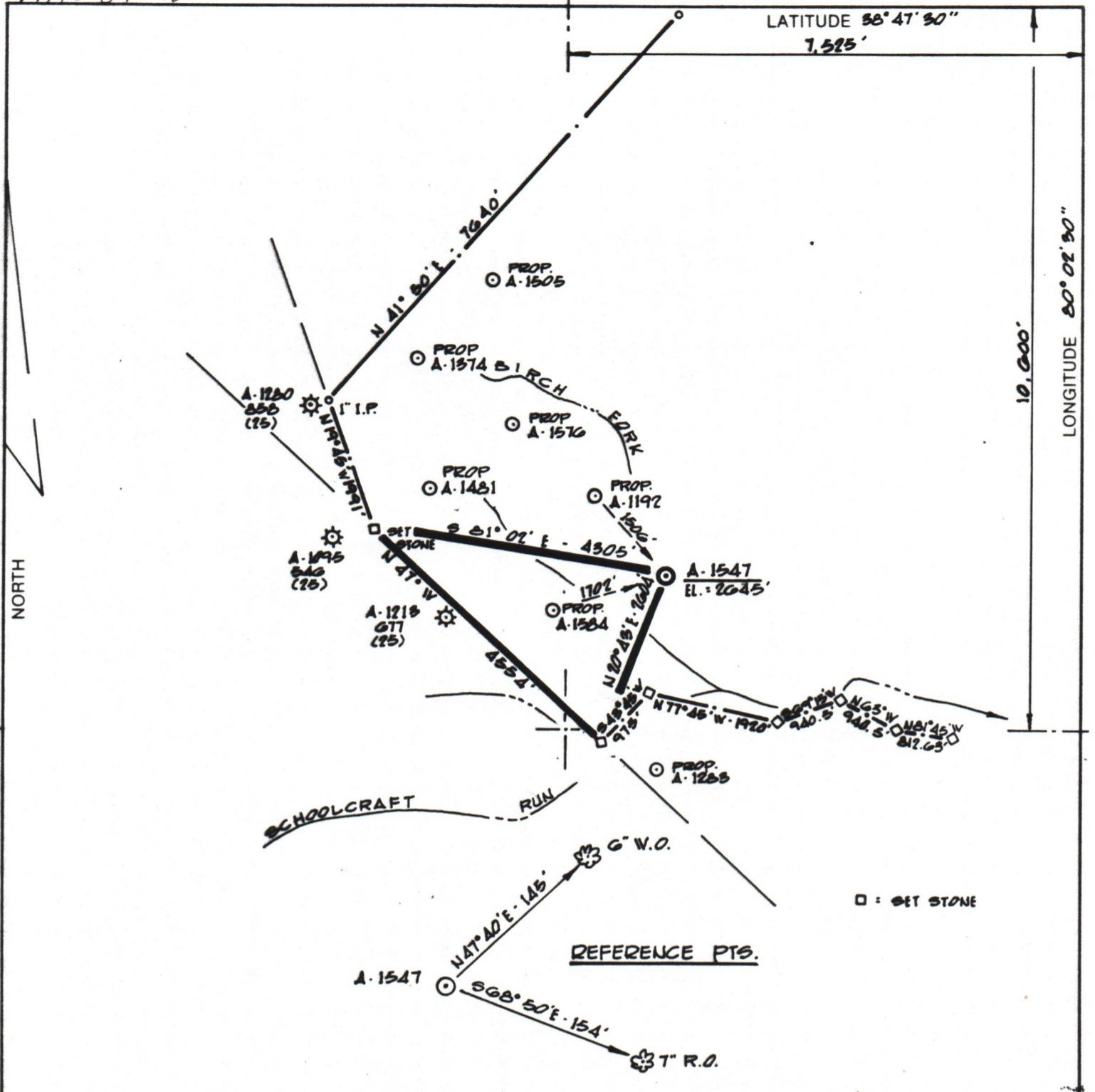
BY: James V. [Signature]

Date: January 7, 1985

12/01/2023

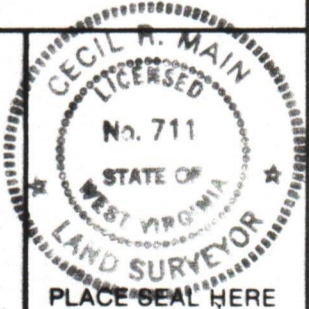
Note: Regulation 2.02 (i) provides as follows
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

MH 8/15/84



FILE NO. DM/SP
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION WELL #A-1213 API#GT7
ELEV. = 2930'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Cecil R. Main
 R.P.E. _____ L.L.S. 711



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 5-31, 1984
 OPERATOR'S WELL NO. A-1547
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 2045' WATERSHED BIRCH FORK
 DISTRICT MIDDLE FORK COUNTY RANDOLPH
 QUADRANGLE CASSITY 7.5'

SURFACE OWNER WESTVACO ACREAGE 3810.44
 OIL & GAS ROYALTY OWNER WESTVACO LEASE ACREAGE 4944
 LEASE NO. 2542

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ELK ESTIMATED DEPTH 5200'
 WELL OPERATOR ALAMCO DESIGNATED AGENT DANIEL L. WHEELER
 ADDRESS P.O. BOX 1740, CLARKSBURG, W.VA. 26302-1740 ADDRESS P.O. BOX 1740, CLARKSBURG, W.VA. 26302-1740

083 RITCHIE COUNTY NAME PERMIT

FORM IV-6 (8-78) H.T. HALL

12/01/2023