



- 1) Date: _____, 19____
 2) Operator's Well No. A-1685 (McMullan)
 3) API Well No. 47 - 083 - 0994
 State _____ County _____ Permit _____

RECEIVED
NOV 14 1984

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

- 4) WELL TYPE: ADDITION / Gas / Oil / Production / Underground storage _____ / Deep _____ / Shallow /
 5) LOCATION: Elevation: 3175' / Watershed: Long Run
 District: Middle Fork / County: Randolph / Quadrangle: Cassity 7.5'
 6) WELL OPERATOR: Alameo, Inc. / Address: P. O. Box 1740
Clarksburg, WV 26301 *975*
 7) DESIGNATED AGENT: Daniel 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 Corporation / 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, Speechley
 12) Estimated depth of completed well, 3000' feet
 13) Approximate strata depths: Fresh, 75 feet; salt, 1000 feet.
 14) Approximate coal seam depths: N/A 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	11-3/4"				X	20'	20'	Cement to surface	
Fresh water									
Coal	8-5/8"		20#	X		700'	700'	Cement to surface	
Intermediate			J.55						
Production	4-1/2"		10.50#	X		2950'	2950'	Req. by Rule 15.01	
Tubing									
Liners									Perforations: Top _____ Bottom _____

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-083-0994 Date November 30 1984

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 November 30, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing:	Fee:
4	Se	TS	TS	1347

Margaret J. Hasse
 Administrator, Office of Oil and Gas

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

FORM IV-2(B) FILE COPY
Reverse

OFFICE USE ONLY

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

Item	Description	Quantity	Unit	Remarks
1	Drilling Fluid	10,504	gals	Red. by Rule 15.01
2	Cement to surface	700	cu yd	
3	Cement to surface	20	cu yd	

OFFICE USE ONLY

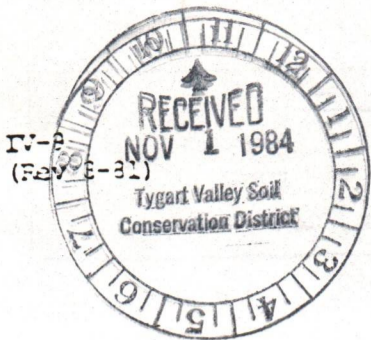
This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Event	Date	Date(s)
Application received		
Well work started	November 30, 1984	11-30-84
Completion of the drilling process		
Well Record received		
Reclamation completed	November 30, 1984	11-30-84

OTHER INSPECTIONS

Reason: _____

Reason: _____



DATE 11/1/84
 WELL NO. A-1685
 API NO. 47 - 083 - 0994

State of West Virginia
 Department of Mines
 Oil and Gas Division

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 WESTVALCO
 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: 11-3-84 (Date)

Junior Helms
 (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A)	Structure <u>DRAINAGE Ditch</u> (1)
Spacing <u>Earthen</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2:12</u>	Page Ref. Manual <u>2:12</u>
Structure <u>CONVERT'S</u> (B)	Structure <u>RIP RAP</u> (2)
Spacing <u>18' IS. (WHERE NEEDED)</u>	Material <u>Rock</u>
Page Ref. Manual <u>2:7</u>	Page Ref. Manual <u>N/A</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	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
BIRDFOOT 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

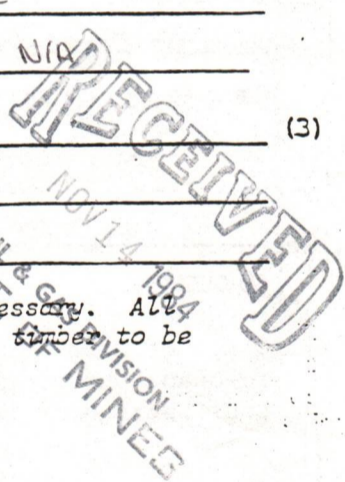
Seed* TALL FESCUE 40 lbs/acre
BIRDFOOT TREFOIL 10 lbs/acre
DOMESTIC RYEGRASS 10 lbs/acre

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

Daniel L. Wheeler


PLAN PREPARED BY Daniel L. Wheeler
 ADDRESS P. O. Drawer 1740
200 West Main Street
Clarksburg, West Virginia 26301
 PHONE NO. 304 623-6671


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

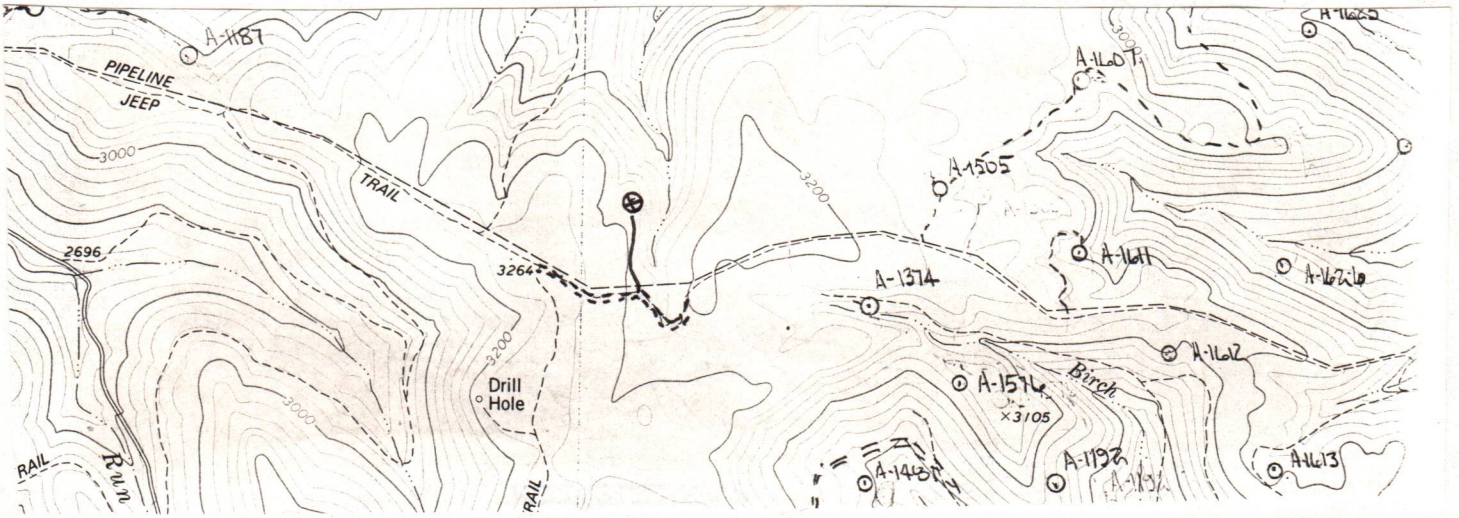


ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE CASSITY T5 MIN.

LEGEND


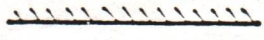







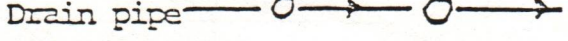

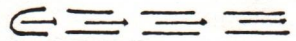
Well Site 

Access Road 



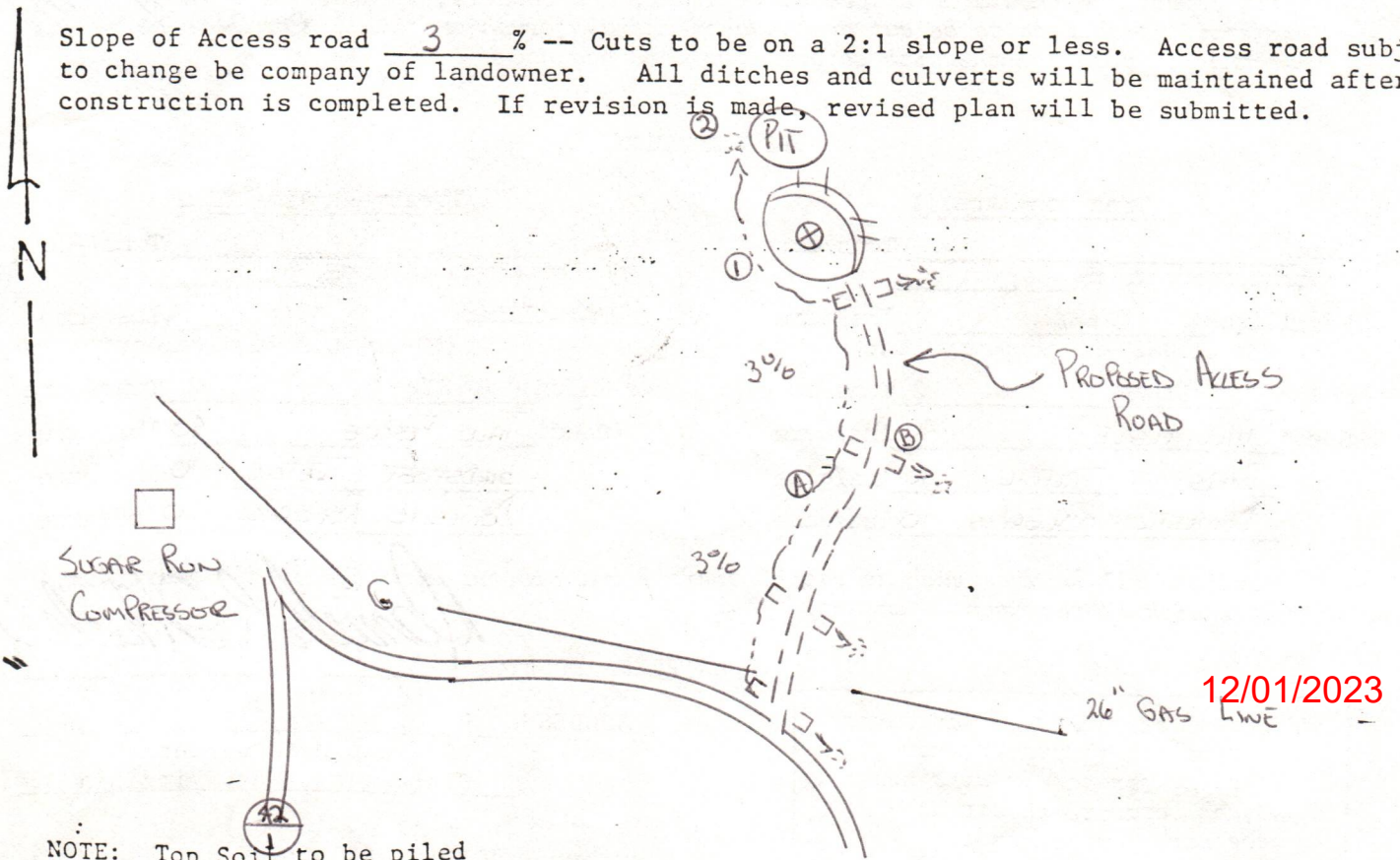
Sketch to include well location, existing access road, roads to be constructed, wellsites, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

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

COMMENTS:

Slope of Access road 3 % -- Cuts to be on a 2:1 slope or less. Access road subject to change be company of landowner. All ditches and culverts will be maintained after construction is completed. If revision is made, revised plan will be submitted.



NOTE: Top Soil to be piled and used in reclamation

12/01/2023

1) Date: November 8, 1984
2) Operator's Well No. A-1685 (McMullan)
3) API Well No. 47 083 0994
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 Corporation
Address 203 Randolph Avenue
Elkins, West Virginia 26241
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Harry McMullan, Jr. Estate
Address c/o Neva S. McMullan
P. O. Box 8
Name Washington, NC 27889
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name See Attached Sheet
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.

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? Yes No X

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 12 day of November, 1984.
My commission expires 10-14, 1993.

Donna Sanders
Notary Public, Harrison County,
State of West Virginia

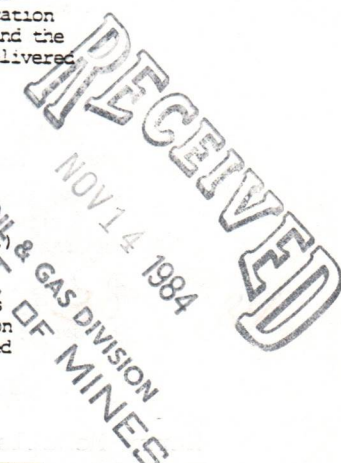
WELL

OPERATOR ALAMCO, INC.

By Daniel L. Wheeler
Its Vice President

Address P. O. Box 1740
Clarksburg, West Virginia 26301
Telephone (304) 623-6671

12/01/2023



I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code §§ 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code §§ 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Harry McMullan, Jr. et al.	Columbia Gas	1/8 275	185	
Columbia Gas	Alamco, Inc.	1/8 17	701	

International Coal Company
119 Washington Street, East
Lewisburg, West Virginia 24901

Amax Coal Company
105 S. Meridian Street
Indianapolis, Indiana 46225

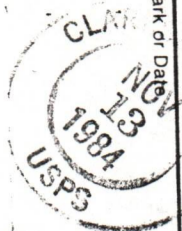
P 528 438 257

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse) *A1685*

Sent to	
Harry McMullan, Jr. Est. c/o Neva S. McMullan Post Office Box 8 Washington North Carolina A-1682	
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	



P 528 438 259

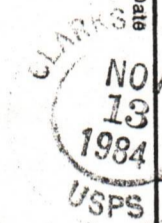
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse) *A1685*

PS Form 3800, Feb. 1982 * U.S.G.P.O. 1983-403-517

Sent to	
105 S Meridian Street P.O. State and Zip Code Indianapolis, Indiana A-1682	
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	



P 528 438 260

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse) *A1685*

PS Form 3800, Feb. 1982 * U.S.G.P.O. 1983-403-517

Sent to	
Westvaco Corporation 203 Randolph Avenue P.O. State and Zip Code Ft. Collins West Virginia A-1685	
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	



P 528 438 258

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse) *A1685*

PS Form 3800, Feb. 1982 * U.S.G.P.O. 1983-403-517

Sent to	
International Coal Company 14 Washington Street, East P.O. State and Zip Code Martinsburg West Virginia A-1682	
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	



12/01/2023

RECEIVED

NOV 14 1984

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED
JAN 18 1985

OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date January 17, 1985
Operator's _____
Well No. A-1685
Farm McMullan
API No. 47 - 083 - 0994

OIL and GAS DIVISION

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: OIL / GAS X / LIQUID INJECTION / WASTE DISPOSAL /
(If "Gas", Production / Underground Storage / Deep / Shallow XX /)

LOCATION: Elevation: 3175' Watershed Long Run
District: Middle Fork County: Randolph Quadrangle: Cassity 7.5'

COMPANY ALAMCO, INC
ADDRESS 200 West Main Street
Clarksburg, West Virginia 26301

DESIGNATED AGENT ALAMCO, INC
ADDRESS 200 West Main Street
Clarksburg, West Virginia 26301

SURFACE OWNER Westvaco
ADDRESS 203 Randolph, Elkins, WV 26241

MINERAL RIGHTS OWNER Harry McMullan, III
ADDRESS P.O. Box 8, Washington, NC 27889

OIL AND GAS INSPECTOR FOR THIS WORK Philip
Tracy ADDRESS P.O. Box 2536, Elkins, WV

PERMIT ISSUED November 30, 1984

DRILLING COMMENCED December 16, 1984

DRILLING COMPLETED December 19, 1984

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
20-16			
13-3/8"	23'	23'	
9 5/8"			
8 5/8"	1145'	1145'	to surface
7"			
5 1/2"			
4 1/2"	2734'	2734'	w/175 sks 1400'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Speechley DEPTH 3000 FEET

Depth of completed well 3000 feet Rotary x / Cable Tools _____

Water Strata depth: Fresh 237 feet Salt _____ feet

Coal seam depth: 134-137, 500-509 Is coal being mined in this area? No

OPEN FLOW DATA Speechley-Bayard, Gordon

Producing formation 4th A, Pocono Pay zone depth See Back feet

Gas: Initial open flow 15 Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 1302 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 350 psig (surface measurement after 118 hours shut-in

(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth 12/01/2023 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)

RAND 0994

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

Well was fractured December 19, 1984
 Perforations: 1764 - 1773 Pocono
 2110 - 2130 Gordon
 2330 - 2340 4th A
 2464 - 2468
 2594 - 2596
 2599 - 2603 Speechley-Bayard

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill	0	10	2" stream water @ 237'
Sand & Shale	10	134	Gas check @ 1509' No show
Coal	134	137	Gas check @ 1695' No show
Sand & Shale	137	500	Gas check @ 2006' No show
Coal	500	509	Gas check @ 2226' No show
Sand & Shale	509	1000	Gas check @ 2381' No show
Sand, Shale & Red Rock	1000	1400	Gas check @ 2601' 15 MCF/D
Little Lime	1400	1435	Gas check @ 3020' 15 MCF/D
Sand & Shale	1435	1480	
Big Lime	1480	1632	
Big Injun	1632	1757	
Sand, Shale & Red Rock	1757	1988	
Sand & Shale	1998	3000 T.D.	

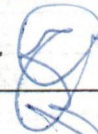
GAMMA RAY LOG TOPS

Pocono 1764'
 Gordon Stray 1944'
 Gordon 2120'
 4th Sand 2208'
 4th A Sand 2316'
 5th Sand 2394'
 Bayard 2460'
 Speechley 2589'

(Attach separate sheets as necessary)

ALAMCO, INC.

Well Operator

By: Bruce A. Prather 

Date: January 17, 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."



RECEIVED
JUN 24 1985

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
January 30, 1985

COMPANY Alamco, Inc.
P. O. Box 1740
Clarksburg, West Virginia 26301

PERMIT NO 083-0994 (10-30-84)
FARM & WELL NO Westvaco #A-1685
DIST. & COUNTY Middle Fork/Randolph

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

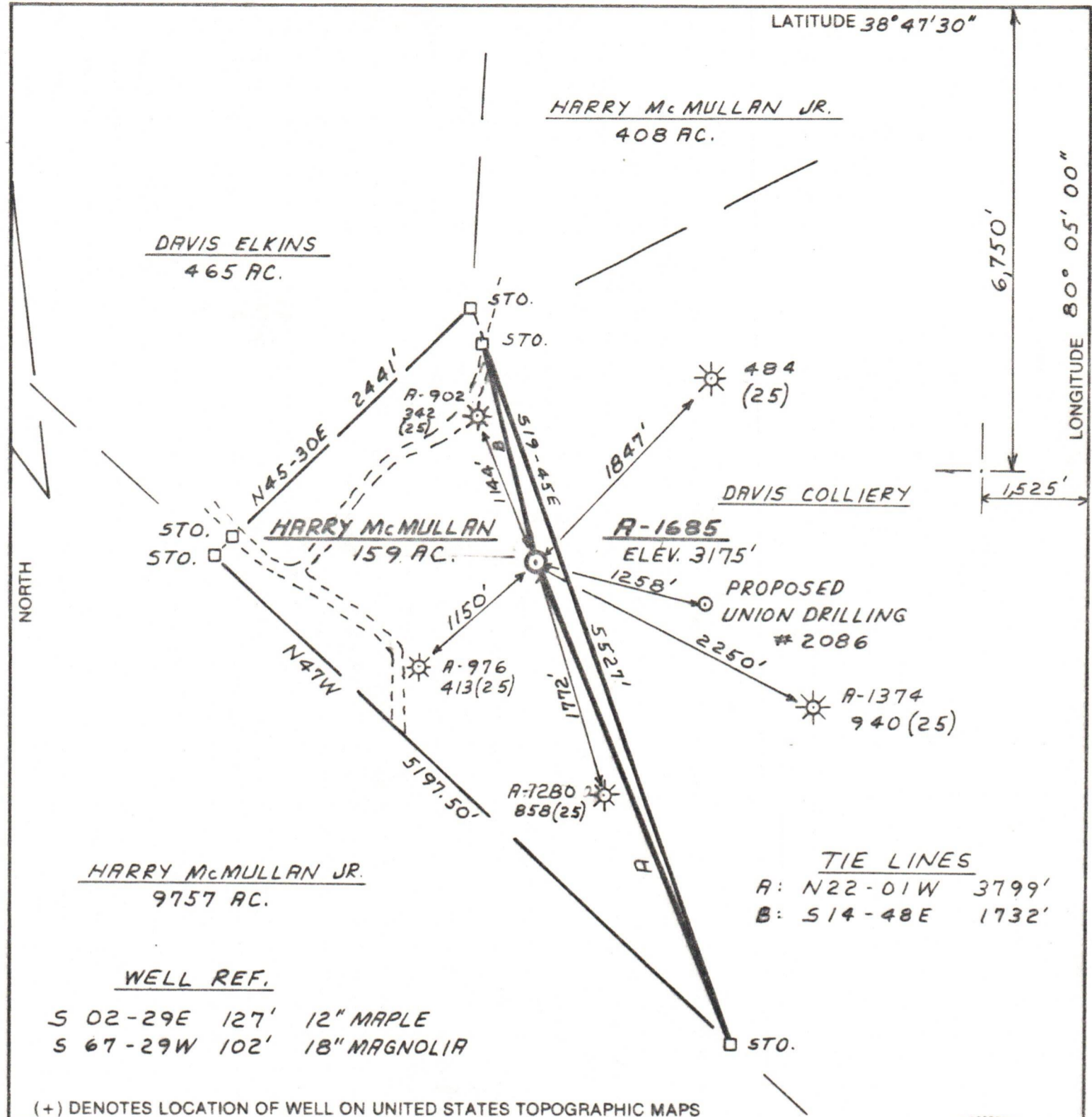
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED *Phillip Sney*
DATE 6-17-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. B.
Administrator-Oil & Gas Division

July 1, 1985
DATE



LATITUDE 38°47'30"

LONGITUDE 80°50'00"

6,750'

1,525'

NORTH

HARRY McMULLAN JR.
408 AC.

DAVIS ELKINS
465 AC.

HARRY McMULLAN
159 AC.

A-1685
ELEV. 3175'

DAVIS COLLIERY

PROPOSED
UNION DRILLING
#2086

A-1374
940 (25)

A-976
413 (25)

A-7280
858 (25)

A-902
342 (25)

TIE LINES
A: N22-01W 3799'
B: S14-48E 1732'

HARRY McMULLAN JR.
9757 AC.

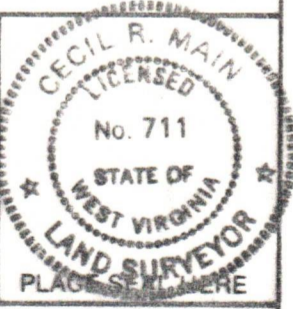
WELL REF.

S 02-29E 127' 12" MAPLE
S 67-29W 102' 18" MAGNOLIA

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. DLM/JA
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 IN 200'
PROVEN SOURCE OF ELEVATION ALAMCO WELL A-976
API 413 ELEV. 3253'

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 NOV. 1 1989
OPERATOR'S WELL NO. A-1685
API WELL NO. 47-083-0994
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 3175' WATER SHED LONG RUN
DISTRICT MIDDLE FORK COUNTY RANDOLPH
QUADRANGLE CASSITY 7.5'

SURFACE OWNER WESTVACO ACREAGE 159
OIL & GAS ROYALTY OWNER HARRY McMULLAN JR. LEASE ACREAGE 159 LEASE NO. 2123 12/01/2023

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 SPEECHLEY ESTIMATED DEPTH 3000
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: RANDOLPH COUNTY NAME PERMIT

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