

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure ONE PART IN 200
 Source of Elevation C.G.S.C. WELL 11654 ELEV. 877'

"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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Ashland, Inc.
 Address PO Box 1740, Clarkstown, WV. 26301
 Farm W. BRENT MAXWELL
 Tract _____ Acres 2400 Lease No. _____
 Well (Farm) No. _____ Serial No. A-665
 Elevation (Spirit Level) 916'
 Quadrangle OXFORD 7.5
 County DODDRIDGE District SOUTHWEST
 Engineer Wm. L. Maxwell
 Engineer's Registration No. 530 L.L.S.
 File No. 118 Drawing No. I-495
 Date 5-23-77 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. 47-017-18627

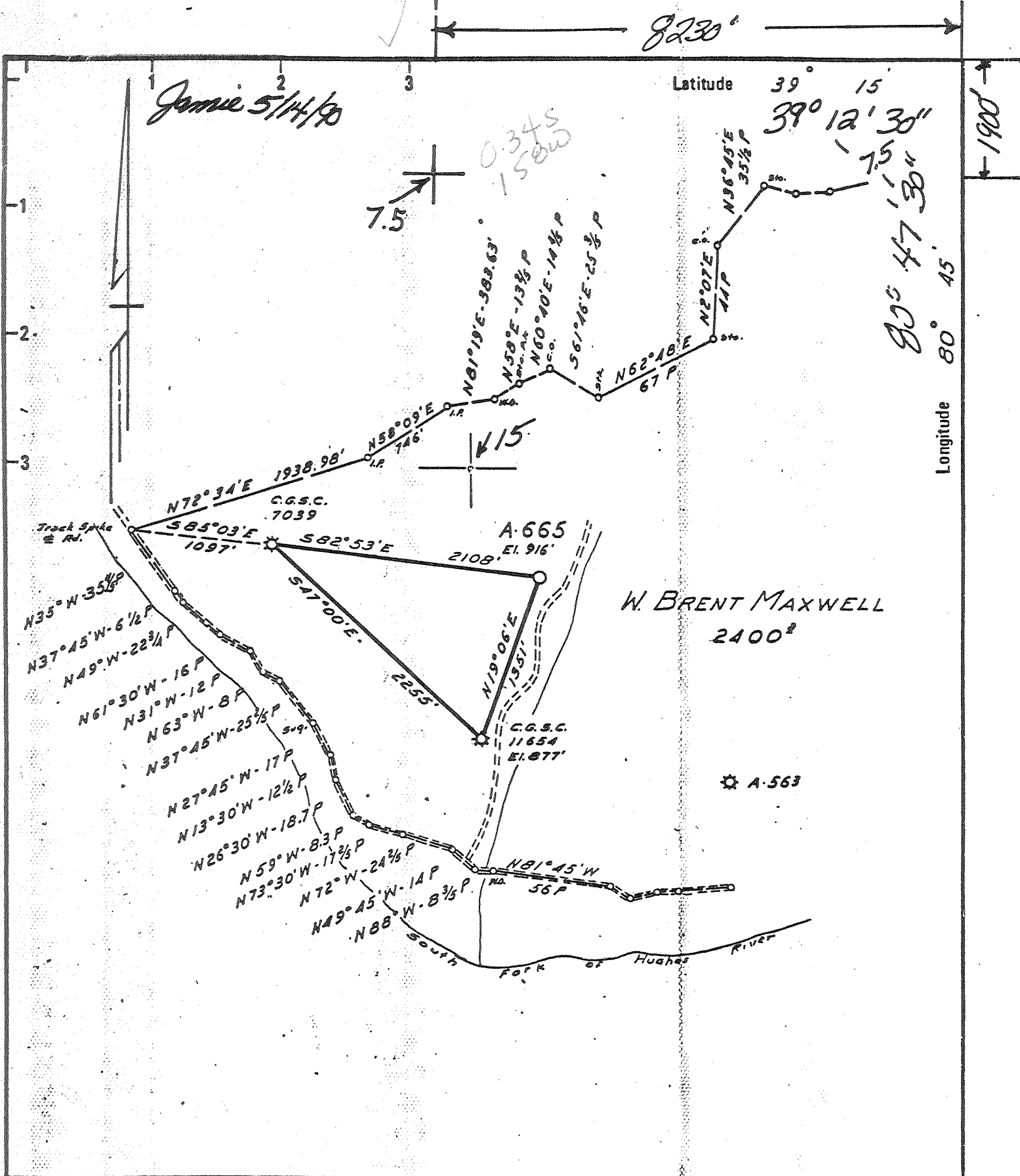
CANCELLED

+ 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 22 1992

DODD 1862



New Location

Drill Deeper

Abandonment

Minimum Error of Closure ONE PART IN 200

Source of Elevation C.G.S.C. WELL 11654 ELEV. 877'

"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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Akamed, Inc. 010

Address PO Box 1740, Clarksburg, WV. 26301

Farm W. BRENT MAXWELL

Tract _____ Acres 2400 Lease No. _____

Well (Farm) No. _____ Serial No. A-665

Elevation (Spirit Level) 916'

Quadrangle OXFORD 7.5

County DODDRIDGE District SOUTHWEST

Engineer Naniel L. Maxwell

Engineer's Registration No. 530 L.L.S.

File No. 118 Drawing No. I-495

Date 5-23-77 Scale 1" = 1000'

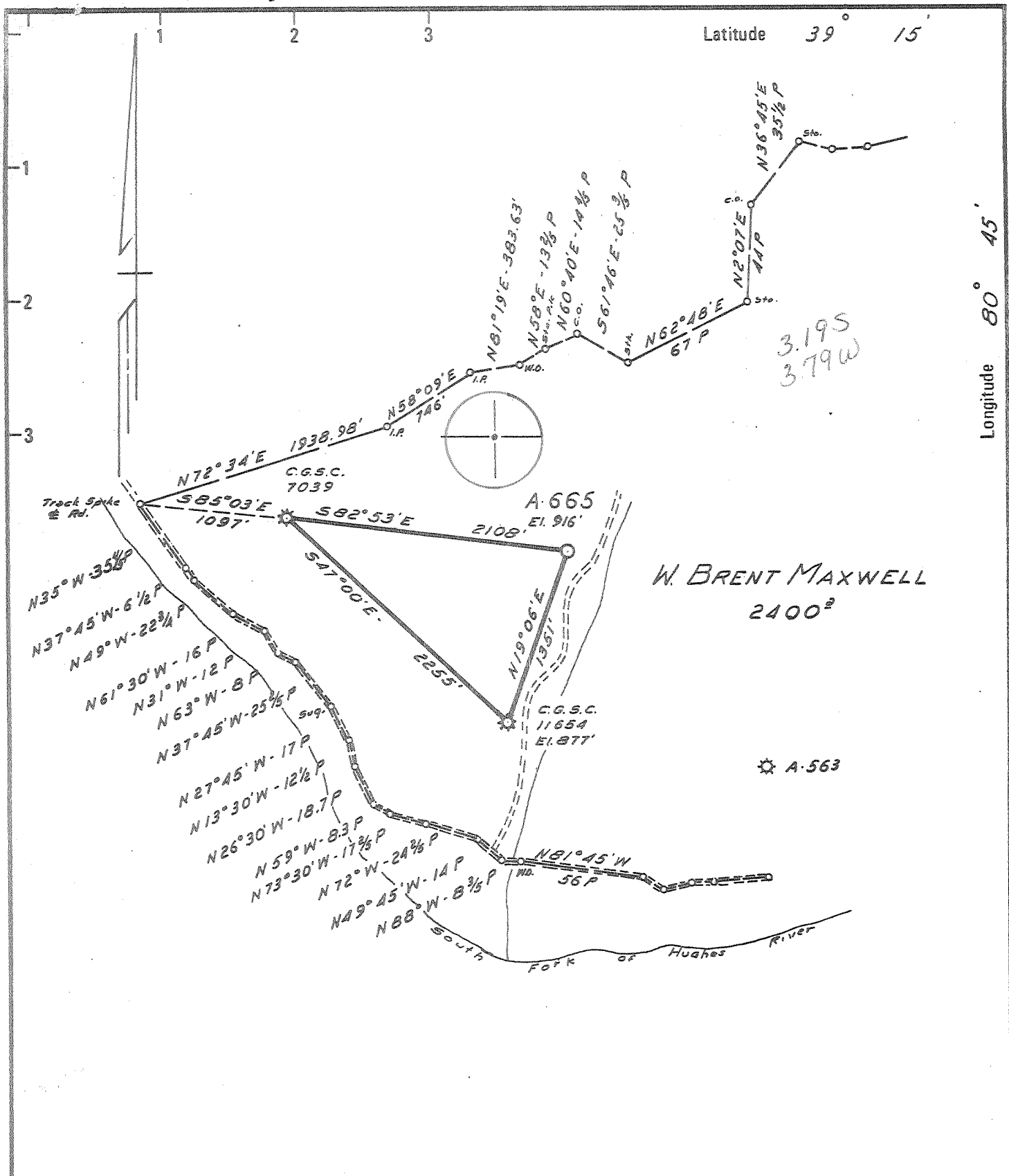
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. 47-017-18627

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JUN 4 1990



W. BRENT MAXWELL
2400²

3.195
3.79W

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure ONE PART IN 200
 Source of Elevation C.G.S.C. WELL 11654 ELEV. 877'

"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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W. VA. 26301
 Farm W. BRENT MAXWELL, ARRON SCHWARTZMAN
 Tract _____ Acres 2400 Lease No. _____
 Well (Farm) No. _____ Serial No. A-665
 Elevation (Spirit Level) 916'
 Quadrangle HOLBROOK NE
 County DODDRIDGE District SOUTHWEST
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. 118 Drawing No. I-495
 Date 5-23-77 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. DOD-1862

+ 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.

47-017 JUN 21 1977



RECEIVED

JUL 11 1977

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle HOLBROOK

Permit No. DOD-1862

Rotary X Oil _____
Cable _____ Gas XX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company <u>Allegheny Land & Mineral Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Box 1740, Clarksburg, WV 26301</u>	Size			
Farm <u>W.B. Maxwell</u> Acres <u>2400</u>	20-16			
Location (waters) <u>S. Fork of Hughes River</u>	Cond.			
Well No. <u>A-665</u> Elev <u>916'</u>	9 5/8			
District <u>Southwest</u> County <u>Doddridge</u>	8 5/8	324'	324'	Cement to surface
The surface of tract is owned in fee by <u>Arren Schwartzman, M.D.</u>	Bank			
<u>2007 Nichols Avenue</u>	5 1/2			
Address <u>Washington, DC 20020</u>	4 1/2	2168'	2168'	" " 1468'
Mineral rights are owned by <u>The Union National Bank</u>	3			
Atty. in fact, <u>W. Brent Maxwell, Hrs.</u>	2			
Address <u>Clarksburg, WV</u>	Liners Used			
Drilling Commenced <u>June 17, 1977</u>				
Drilling Completed <u>June 21, 1977</u>				
Initial open flow _____ cu. ft. _____ bbls.				
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details: Attach copy of cementing record.
Well was fractured by Halliburton June 30, 1977
Final test: Open flow - 136 MCF by Nelson Bruffey - Consolidated Rep.
Rock Pressure - 1185# - 22 hrs.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Weir Sand Depth 1940 - 2056'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	50		
Shale			50	324		
Sand & Shale			324	1535		
Little Lime			-1535	1600		
Shale			1600	1624		
Big Lime			-1624	1700		
Injun Sand			1700	1784		
Shale			1784	1940		
Weir Sand			1940	2056		
Shale			2056	2138		
Berea Sand			-2138	2142		
Sand & Shale			2142	2220		
			total depth	2220		

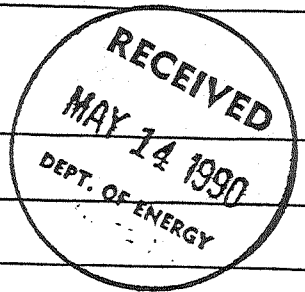
PERFORATIONS:
1949 - 1960' - 8 shots
1972 - 1980' - 6 "
2024 - 2036' - 9 "
2046 - 2060' - 10 "

(over)

* Indicates Electric Log tops in the remarks section.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: ALAMCO, INC. ⁰¹⁰ 975 (7) 525
- 2) Operator's Well Number: A-665 3) Elevation: 916
- 4) Well type: (a) Oil / or Gas XX /
(b) If Gas: Production XX / Underground Storage /
Deep / Shallow XX /
- 5) Proposed Target Formation(s): Big Injun
- 6) Proposed Total Depth: 1800 feet
- 7) Approximate fresh water strata depths: ---
- 8) Approximate salt water depths: ---
- 9) Approximate coal seam depths: ---
- 10) Does land contain coal seams tributary to active mine? Yes / No XX /
- 11) Proposed Well Work: Temporary Budgetary
See attached
- 12) See attached



CASING AND TUBING PROGRAM

*Possible squeeze job
from existing well
New zone up hole*

TYPE	SPECIFICATIONS			FOOTAGE	INTERVAL	CEMENT
	Size	Grade	Weight per ft.			
Conductor	11-3/4"			30'	---	
Fresh Water						
Coal						
Intermediate	8-5/8"			324'	324'	To surface
Production	4-1/2"		J.55 10.50#	2,168'	2,168'	300' above top pay zone
Tubing						
Liners						

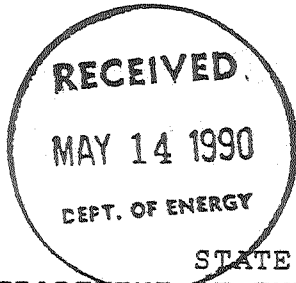
*2000-11-1
Possible Squeeze from well record
Top of cement on 4 1/2" 1468'
INSUN 1700'-1784'*

PACKERS Kind
Sizes
Depths set

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-8 WW-2B Bond *Blanket letter* Agent
(Type)

*065825
13*



1) Date: April 17, 1990
2) Operator's well number
A-665 (MAXWELL)
3) API Well No: 47 - 017 - 01862F
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name Aaron S. & Beatrice Schwartzman
Address 2520 30th Street, N.W.
Washington, D.C. 20008
- (b) Name _____
Address _____
- (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name n/a
Address _____
- (b) Coal Owner(s) with Declaration
Name Aaron S. & Beatrice Schwartzman
Address 2520 30th Street, NW
Washington, D.C. 20008
Name W. B. Maxwell Estate
Address c/o Union National Bank
Box 2330 Clarksburg, WV 26330
- (c) Coal Lessee with Declaration
Name n/a
Address _____
- 6) Inspector Mike Underwood
Address Route 2, Box 135
Salem, WV 26426
Telephone (304) - 782-1043

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

XX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 7 on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- XX Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator ALAMCO, INC.
By: Marty J. Perri
Its: Manager, Land
Address P. O. Box 1740
Clarksburg, WV 26301
Telephone 304 623-6671

Subscribed and sworn before me this 17th day of April, 1990

Elsie D. Cox
My commission expires February 21, 1999

COMMISSIONER
MARTIN J. PERRI



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

Arron Schwartzman, M. D.

Surface Owner 2007 Nichols Avenue
Address Washington, D. C. 20020

Mineral Owner The Union National Bank
Address Atty in Fact, W. Brent
Maxwell Heirs.

Coal Owner Clarksburg, WV 26301
Address same

Coal Operator none
Address

DATE May 27th., 1977

Company Allegheny Land and Mineral Co.
Address Clarksburg, WV 26301

Farm W. Brent Maxwell Acres 2400

Location (waters) South Fork of Hughes River

Well No. A-665 Elevation 916'

District Southwest County Doddridge

Quadrangle HOLBROOK

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 10-1-77.

INSPECTOR
TO BE NOTIFIED Paul Garrett

ADDRESS Clarksburg, W.Va.

PHONE 622-3871

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 see attached 19 by made to and recorded on the day of 19 , in County, Book Page

XX 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, Allegheny Land and Mineral Co.
(Sign Name) By [Signature] Manager
Land - Lease and Right of Way
Drawer 1740
Street
Clarksburg,
City or Town
West Virginia 26301
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.

DOD-1862

PERMIT NUMBER

47-017

BLANKET BOND

Under lease or grant dated the 7th,
day of October, 1898, by W. Brent
Maxwell and Lillie J. Maxwell, his
wife, unto The Carter Oil Company,
subsequently Consolidated Gas Supply
Corporation. This lease was recorded
on the 15th. day of September, 1899,
in Deed or Lease Book 14 at Page 376,
in the Office of the County Clerk of
Doddridge County, West Virginia,

Allegheny Land and Mineral Company
is vested with the drilling rights, in
the subject lease, by virtue of an
agreement dated the 21st. day of
March, 1977, granted by Consolidated
Gas Supply Corporation.

GW