

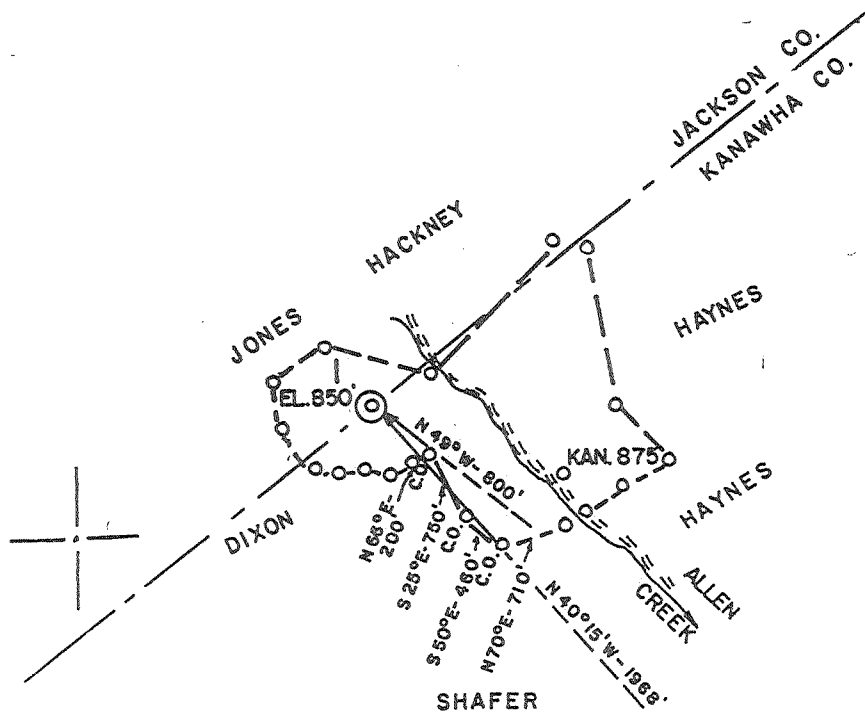
11,750' WEST

LATITUDE 38° 37' 30"

LONGITUDE 81° 30' 00"

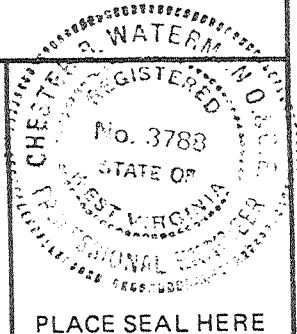
HJMS 0068

Spicer
10/7/96



FILE NO. 81-399
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION OLD WELL (740')

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) *Chas. Waterman*
 R.P.E. 3788 L.L.S. _____



PLACE SEAL HERE

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

FORM IV-6 (8-78)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 8/7, 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. 47 - 039 - 3766-P
 STATE COUNTY PERMIT

plugging cancelled 1/28/99

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 850' WATER SHED ALLEN CREEK
 DISTRICT POCA COUNTY KANAWHA
 QUADRANGLE ROMANCE 7.5'
 SURFACE OWNER J. SPICER ACREAGE 127
 OIL & GAS ROYALTY OWNER L. J. ASHBY LEASE ACREAGE 127
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 5990'

Eastern American Energy Corporation
 501 56th. Street
 Charleston, Wva. 25304

John Paletti
 Same Address
 PH: 304-925-6100

FEB 01 1989

KAN 3766-P CANC.

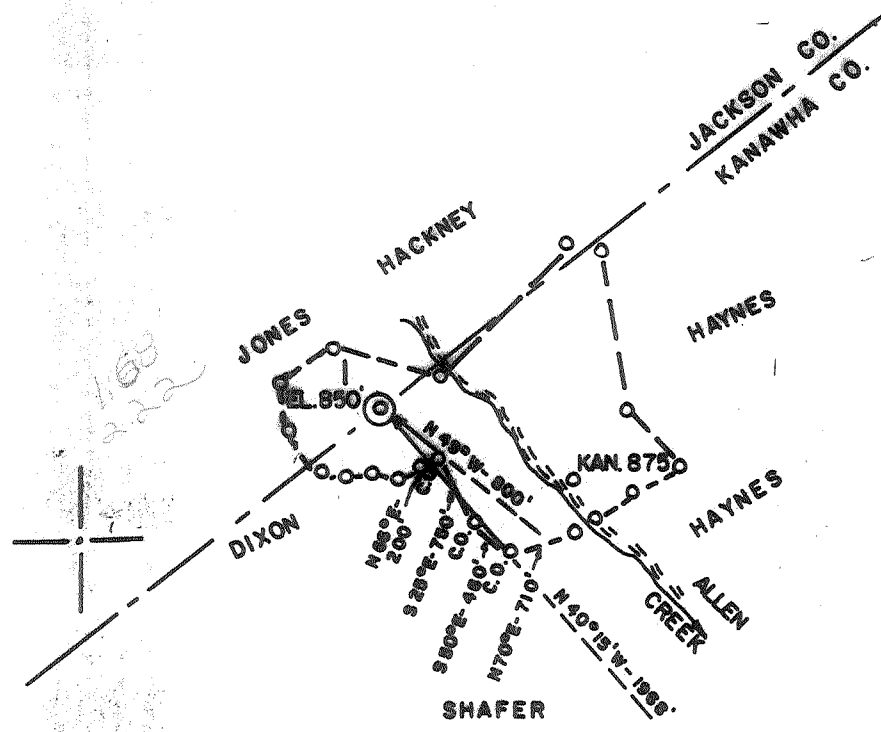
11,750' WEST

LATITUDE 38° 37' 30"

LONGITUDE 81° 30' 00" SOUTH

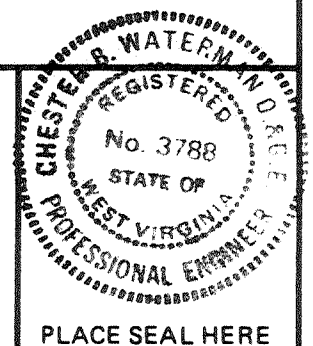
Gene
10/7/96

NORTH



FILE NO. 81-399
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION OLD WELL (740')

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) *Chester B. Waterman*
 R.P.E. 3788 L.L.S. _____



PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE 8/7, 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. _____
47 - 039 - 3766-P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 850' WATER SHED ALLEN CREEK
 DISTRICT POCA COUNTY KANAWHA
 QUADRANGLE ROMANCE 7.5
 SURFACE OWNER J. SPICER ACREAGE 127
 OIL & GAS ROYALTY OWNER L. J. ASHBY LEASE ACREAGE 127
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 5990'

Eastern American Energy Corporation
 501 56th. Street
 Charleston, Wva. 25304

John Paletti
 Same Address
 PH: 304-925-6100

003 2 5 1996

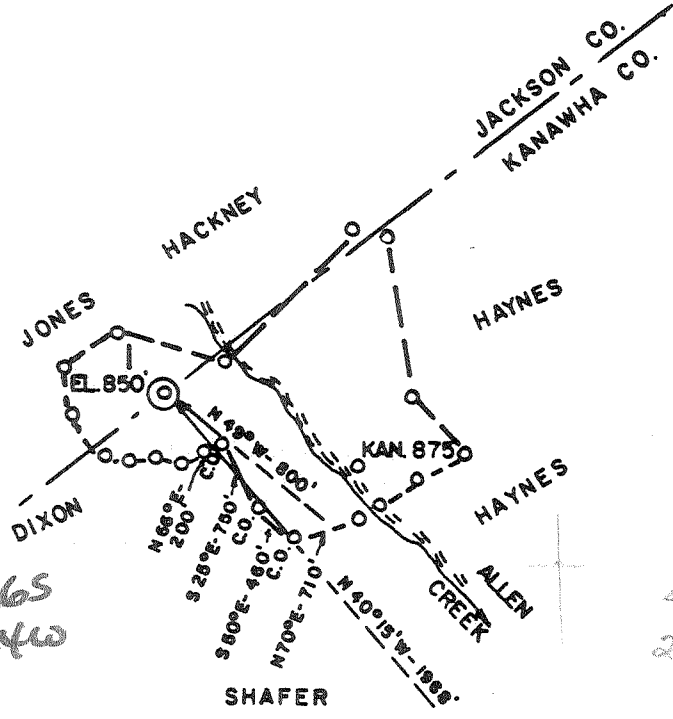
NORTH



1.665
2.24W

38 36 05
81 33 30

4.525
2.24W



FILE NO. 81-399
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION OLD WELL
(740')

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) Ed Waterman
 R.P.E. 3788 L.L.S. _____

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE 8/7, 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-039-3766
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 850' WATER SHED ALLEN CREEK
 DISTRICT POCA COUNTY KANAWHA
 QUADRANGLE ROMANCE 7.5' Kenna 15' EC
 SURFACE OWNER J. SPICER ACREAGE 127
 OIL & GAS ROYALTY OWNER L. J. ASHBY LEASE ACREAGE 127
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 5990'
 WELL OPERATOR ALLEGHENY & WESTERN DESIGNATED AGENT ROLAND BAER
 ADDRESS P.O. BOX 2587 DRILL. CORP. ADDRESS CHARLESTON, WV
6-6 CHARLESTON, WV ELK-POCA

AUG 24 1981

192

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

Perforated 5220-5286 w/25shots; Water Frac with N2 & Acid (2500 gal 2% Ho1, 20,000# 80/100 US Mesh & 23,000# 20/40 US Mesh; 1,900,00 cf N2

NOTE: Fractured into Sal Water. Plugged back to 5098' to treat Devonian, Marcellus & Brown Shales.

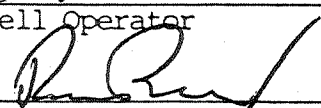
Perforated 4566' to 4970' with 20 shots; N2/Hydro Frac with 1000 gal HCL, 60,000# 20/40 US Mesh Sand, 60,000# 100 US Mesh Sand & 825,000 N2.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Salt Sand			1120	1724	
Little Lime			1730	1766	
Pencil Cave			1766	1771	
Big Lime			1771	1902	
Injun			1902	1960	
Shale			1960	5095	
Corniferous Lime			5095	5210	
<u>Oriskany</u>			5210	5350	TD

(Attach separate sheets as necessary)

Allegheny & Western Drilling Company
Well Operator

By: 
Date: October 28, 1981

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."

Date: August 7
Operator's Well No. L. Ashby #1
API Well No. 47-039
State WV County Kanawha

OIL AND GAS WELL PERMIT APPLICATION

[08-78]

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep X / Shallow)
LOCATION: Elevation: 780' Watershed: Allen Creek
District: Poca County: Kanawha Quadrangle: Romance 7.5'

WELL OPERATOR Allegheny & Western
Address P.O. Box 2587
Charleston, WV 25329

DESIGNATED AGENT Roland Baer
Address P.O. Box 2587
Charleston, WV 25329

OIL & GAS ROYALTY OWNER L. J. Ashby
Address St. Albans, WV
Acreage 127

COAL OPERATOR NONE
Address

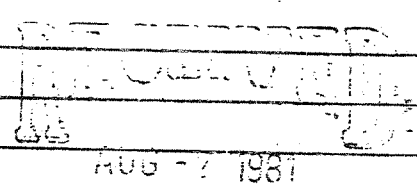
SURFACE OWNER James B. Spicer
Address Star Route #1, Box 51
Burlington, WV 26710
Acreage 127

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name NONE
Address
Name NONE
Address

FIELD SALE (IF MADE) TO:
Name NONE
Address

COAL LESSEE WITH DECLARATION ON RECORD:
Name NONE
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Mr. Richard J. Morris
Address P.O. Box 372
Grantsville, WV 26147



OIL & GAS DIVISION

DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated June 5, 1981, by the undersigned well operator from Drema L. & Melvin Geiger
If said deed, lease, or other contract has been recorded:]
Recorded on June 18, 19 81, in the office of the Clerk of the County Commission of Kanawha County, West Virginia, in Book 209 at page 614. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any action they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.
Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
15 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

Allegheny & Western Drilling Corporation
Well Operator
By Robert H. Hess
Its Robert H. Hess, President

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) F W A Drilling
Address P.O. Box 419
Wichita Falls, Tx 76307

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 5990' feet Rotary X / Cable tools /
Approximate water strata depths: Fresh, feet; salt, feet.
Approximate coal seam depths: Is coal being mined in the area? Yes / No

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									Kinds
Fresh water	9 5/8	Smls	24#	X			300'	125 cf	
Coal									Sizes
Intermediate	7	Smls	23#	X			2200'	125 cf	
Production	4 1/2	Smls	10 1/2#	X			5200	<i>see log page by S.L. (1/82)</i>	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well. **THIS PERMIT MUST BE POSTED AT THE WELL SITE.** It shall be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 4-12-82.

J. T. Murray
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By
Its