

FILE NO. _____
 DRAWING NO. E2-2-131
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION USGS-BM 109 RHP-1957

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) Stanley A. Harper
 R.P.E. _____ L.L.S. #360



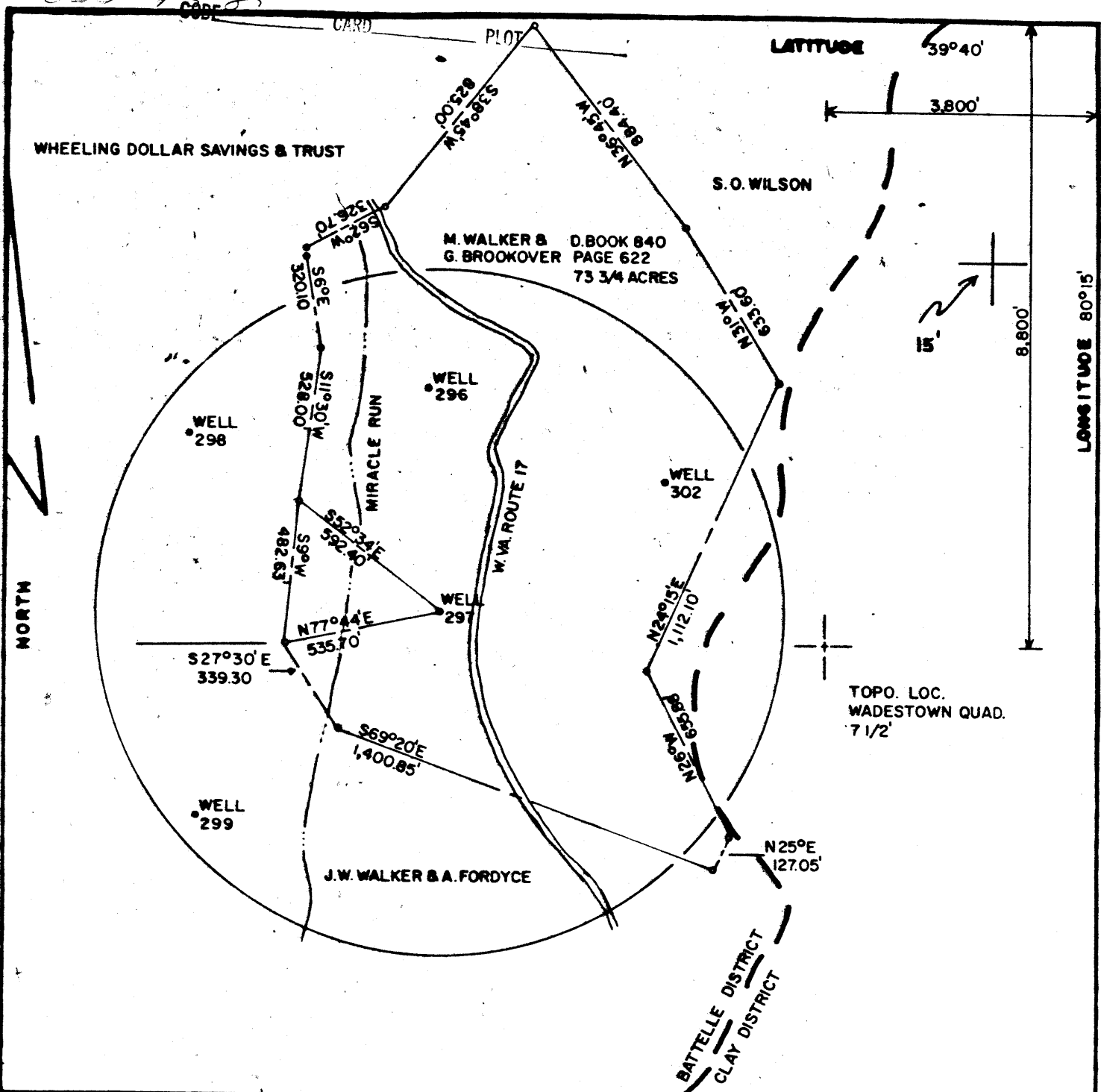
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE MARCH 18, 1983
 OPERATOR'S WELL NO. 297
 API WELL NO. 47-061-0723-P
 STATE COUNTY PERMIT #124 with Cor. E.T.

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 1214.03' WATER SHED MIRACLE RUN
 DISTRICT BATTLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN - 7 1/2'
 SURFACE OWNER WALKER & BROOKOVER ACREAGE 73 3/4
 OIL & GAS ROYALTY OWNER SOUTH PENN OIL CO. LEASE ACREAGE 119
 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 GORDON ESTIMATED DEPTH 3,133' MAY 27 1986
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT DANNY L. BRAINBRIDGE
 ADDRESS RT. 1, BOX 144 FAIRVIEW, W. VA. 26570 ADDRESS SAME



FILE NO. _____
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 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION USGS-BM 109 RHP-1957

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 (SIGNED) Stanley G. Harper
 R.P.E. _____ L.L.S. No. 360

PLACE SEAL HERE

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

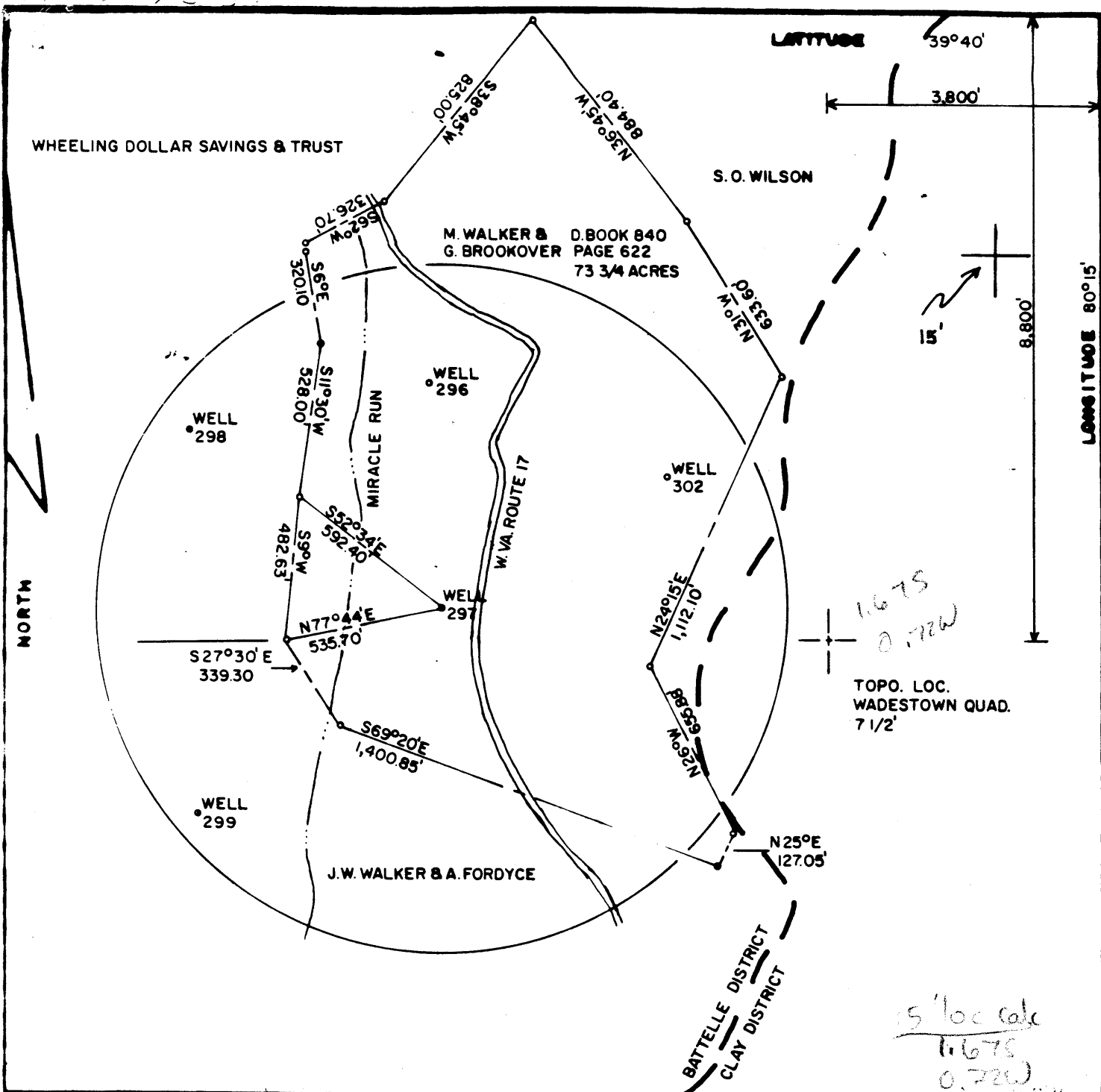


DATE MARCH 18, 1983
 OPERATOR'S WELL NO. 297
 API WELL NO. 47-061-0723-R-P
 STATE COUNTY PERMIT

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 1,214.03' WATER SHED MIRACLE RUN
 DISTRICT BATTLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN-7 1/2'
 SURFACE OWNER WALKER & BROOKOVER ACREAGE 73 3/4
 OIL & GAS ROYALTY OWNER SOUTH PENN OIL CO. LEASE ACREAGE 119
 LEASE NO. _____
 PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION GORDON ESTIMATED DEPTH 3,133'
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT DANNY L. BRAINBRIDGE
 ADDRESS RT. 1, BOX 144 FAIRVIEW, W. VA. 26570 ADDRESS SAME
 DEC 23 1985

MONONGALIA - 0723-R-P



FILE NO. _____
 DRAWING NO. F2-2-131
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION USGS-BM 109 RHP-1957

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) *Stanley G. Hargis*
 R.P.E. _____ L.L.S. No. 360

PLACE SEAL HERE

THIS NOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 1978

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION
 DATE MARCH 18, 1983
 OPERATOR'S WELL NO. 297
 API WELL NO. 47-061-0723-R-P
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
 LOCATION ELEVATION 1214.03' WATER SHED MIRACLE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN-7 1/2'
 SURFACE OWNER WALKER & BROOKOVER ACREAGE 73.34
 OIL & GAS ROYALTY OWNER SOUTH PENN OIL CO. LEASE ACREAGE 119
 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 GORDON ESTIMATED DEPTH 3133'
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT DANNY L. BRAINBRIDGE APR 11 1983
 ADDRESS RT. 1, BOX 144 FAIRVIEW, W. VA. 26570 ADDRESS SAME



1) Date: March 21, 19 83
2) Operator's Well No. 297
3) API Well No. 47 State 061 County 0723-2E11 Permit

DRILLING CONTRACTOR:

Chisler Brothers
Pantress, WV

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas _____
B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1214.03 Watershed: Miracle Run
District: Battelle County: Monongalia Quadrangle: Wadestown, 7.5 Series
- 6) WELL OPERATOR Eastern Associated Coal Corp. 11) DESIGNATED AGENT Danny L. Bainbridge
Address Rt. 1, Box 144 Address Rt. 1, Box 144
Fairview, WV 26570 Fairview, WV 26570
- 7) OIL & GAS ROYALTY OWNER Pennzoil Company 12) COAL OPERATOR Eastern Associated Coal Corp.
Address P.O. Box 1588 Address Rt. 1, Box 144
Parkersburg, WV 26101 Fairview, WV 26570
Acreage 119
- 8) SURFACE OWNER Mary Walker & Garnet Brockover 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
Address Rt. 1 Name Eastern Associated Coal Corp.
Fairview, WV 26570 Address Rt. 1, Box 144
Acreage 73.75 Fairview, WV 26570
9) FIELD SALE (IF MADE) TO: Name _____
Address N/A Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
Name William Blosser Name None
Address Box 1028 Address _____
Colfax, WV 26566
- 15) PROPOSED WORK: Drill _____ / Drill deeper _____ / Redrill / Fracture or stimulate _____
Plug off old formation _____ / Perforate new formation _____
Other physical change in well (specify) Plug and Abandon
- 16) GEOLOGICAL TARGET FORMATION, Gordon Sand
- 17) Estimated depth of completed well, 3.133 feet
- 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
- 19) Approximate coal seam depths: 901-908 Ft. Is coal being mined in the area? Yes / No _____
- 20) CASING AND TUBING PROGRAM * Refer to Affidavit of Plugging, Form 00-8

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										
Coal										Sizes
Intermediate										
Production										Depths set
Tubing										
Liners										Perforations: Top Bottom

- 21) EXTRACTION RIGHTS
Check and provide one of the following: * Application for the purpose of redrilling to plug and mine thru
 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.)
- 22) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) 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.

Notary: _____ Signed: [Signature]
My Commission Expires _____ Its: [Signature]

OFFICE USE ONLY

DRILLING PERMIT

Permit number 47-061-0723-2E11 Date 1983

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. 10) 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.)

Permit expires December 6, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to 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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection 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.

.....

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.

WAIVER

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 _____

061-0123

RECEIVED
JAN 13 1989

FORM WR-38
(Affidavit of Plugging)

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, 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.

Eastern Associated Coal Corp.
Coal Operator or Owner
Rt. 1, Box 144 Fairview, WV 26570
Address

Eastern Assoc. Coal Corp.
Name of Well Operator
Same as at left
Complete Address
June 27, 19 86

Coal Operator or Owner
Address

WELL AND LOCATION
Battelle District

Jimmy Walker
Lease or Property Owner
Rt. 1, Fairview, WV 26570
Address

Monongalia County

WELL NO. F2-297 (EACC)
Haught & Walker #13 (73 3/4 Acre Farm)

STATE INSPECTOR SUPERVISING PLUGGING Don Ellis

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia
Dave Chisler

ss:

and Jim Gump

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 Chisler Brothers, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 19 day of May, 19 86, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
1) Cleaned out to depth of 1468'				1037'
2) Run Caliper & Neutron Logs.			73' of old	8"
3) Got tools stuck in hole at top 692' - Bott. 732'				
4) Reamed hole out to 13" for 685'. Jelled hole with 300 Barrels of jel & 15 sacks jel & got circulation. Run 11 3/4" wash over pipe to 738' pulled drill steels & wash over pipe with 73' of old 8" pipe			678'	8"
5. Run string of tools to 692' got hold of old tools & pulled out of hole.				
6. Put 7 1/2" reamer, on & reamed out in side of old 8" pipe to 1468'.				
7. Ripped pipe from 785' to 920'.				
8. Run 4 1/2" pipe to 1466' & circulated hole.				
9. Run 175 bags Chem Comp Cement. Pulled 4 1/2" pipe to 1037' Ran 700 Bags Portland & 125 bags Chem Comp Cement & got circulation.				
10. Pumped latch down plug to 1017'.				
11. Bailed water out of 4 1/2" pipe.				
Coal Seams		Description of Monument		
(Name) Pittsburgh 905-913		4 1/2" X 2" Swedge with a 2" stop at the surface.		
(Name)		2" pipe with a metal plate monument welded to the 2" pi		
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 25 day of June, 19 86.

And further deponents saith not.

Sworn to and subscribed before me this 27th day of June, 19 86.

James M. Moore
James M. Moore