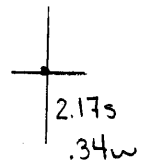


40°10'00"

Latitude

80°32'30"

Longitude



Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Haddad & Brooks Inc

Farm Ethel M Foster #1

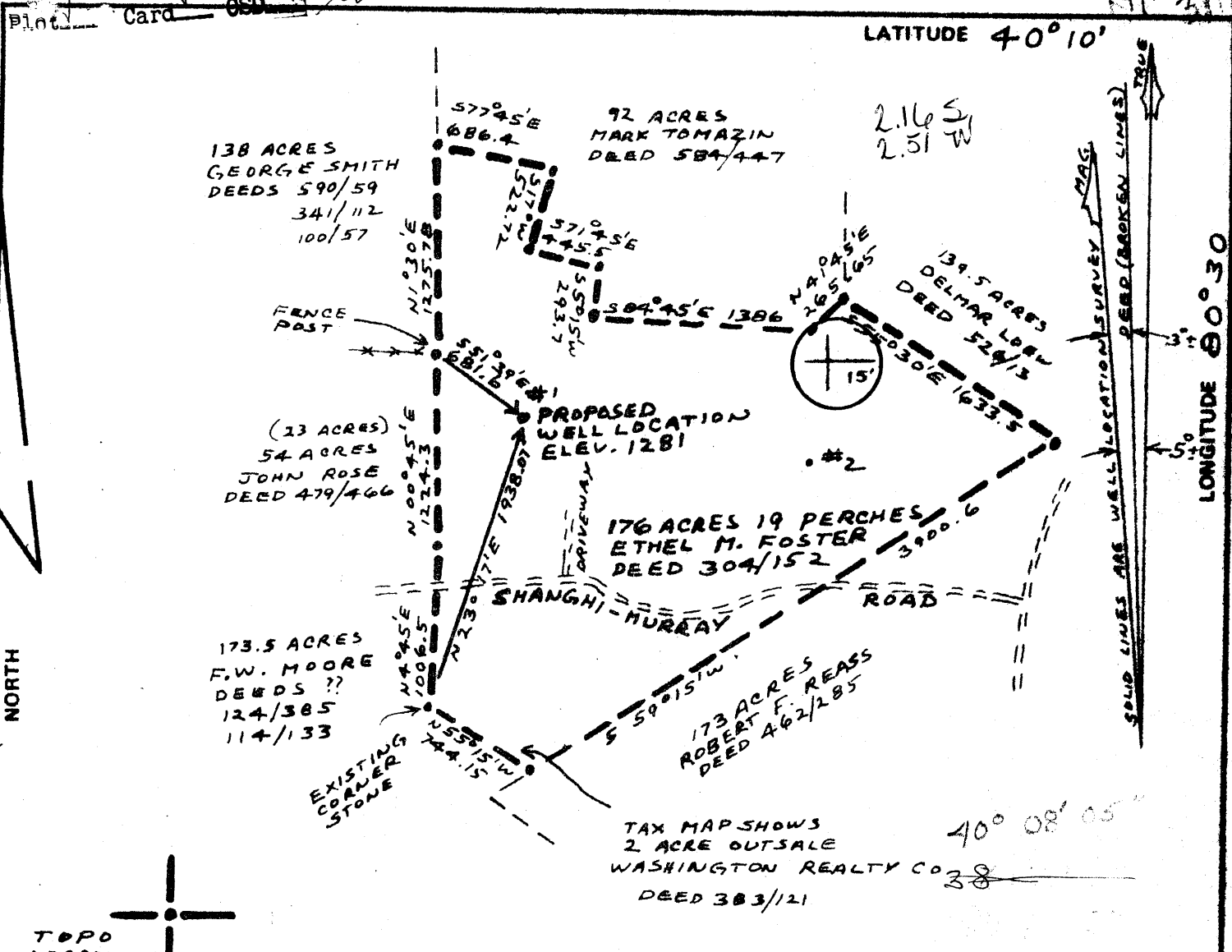
15' Quad _____
(sec.)

7.5' Quad Bethany

District Liberty

WELL LOCATION PLAT

County 069 Permit 28



FILE NO. 80-5619-B
 DRAWING NO. 80-5619-B
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION 1135 AND 1309
 ROAD INTERSECTIONS ON BETHANY TOPO MAP


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) Henry M. Parsons
 R.P.E. _____ L.L.S. 9B



(+) 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 FEB 26, 1980
 OPERATOR'S WELL NO. FOSTER #1
 API WELL NO. 069
 STATE 47 COUNTY OHIO PERMIT 0028

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

LOCATION: ELEVATION 1281 WATER SHED CASTEMANS RUN
 DISTRICT LIBERTY COUNTY OHIO
 QUADRANGLE BETHANY 7.5 WHEELING 15' EC

SURFACE OWNER ETHEL M. FOSTER ACREAGE 176 ACRES 19 PERCHES
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 176
 LEASE NO. HA-302 -

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 WARREN ESTIMATED DEPTH 3500
 WELL OPERATOR HADDAD AND BROOKS INC DESIGNATED AGENT _____
 ADDRESS 905 WASHINGTON ROAD ADDRESS _____
WASHINGTON PENNA 15301



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Bethany 7.5 minute

Permit No. 47-069-0028

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Dry Hole _____
(Kind)

Company <u>Haddad & Brooks</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft. (Sks.)
Address <u>905 Washington Rd, Washington, PA 15301</u>				
Farm <u>Ethel Foster</u> Acres <u>176</u>	Size			
Location (waters) <u>Castlemans Run</u>	20-16			
Well No. <u>1</u> Elev. <u>1281'</u>	Cond.			
District <u>Bethany</u> County <u>Ohio</u>	<u>11 3/4</u>	<u>25'</u>	<u>none</u>	
The surface of tract is owned in fee by <u>Above</u>	<u>9 5/8</u>			
Address _____	<u>8 5/8</u>	<u>1004</u>	<u>all</u>	<u>150 sks lite</u>
Mineral rights are owned by <u>Above & Kanawha & Hocking</u>	<u>7</u>			<u>50 sks Neat 4% Cacl</u>
Oil & Coke Address <u>P.O. Box 218, Triadelphia, WV 26059</u>	<u>5 1/2</u>			
Drilling Commenced <u>3/29/80</u>	<u>4 1/2</u>	<u>2420</u>	<u>570</u>	<u>150 sks Thixotropic</u>
Drilling Completed <u>4/4/80</u>	<u>3</u>			
Initial open flow <u>0</u> cu. ft. <u>0</u> bbls.	<u>2</u>			
Final production <u>0</u> cu. ft. per day <u>0</u> bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details: Attach copy of cementing record.
8/25/80 - Perforations 2331-2346.5 12 holes Frac with 875 barrels of water
15,000# 80/100 mesh sand and 20,000# 20/40 mesh sand, 84 MCF N
2

Coal was encountered at Not recorded Feet _____ Inches _____
 Fresh water 90 Feet _____ Salt Water 1520 Feet _____
 Producing Sand Berea Depth 2330-2348

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
SH, Slst, SS	Red-gy, wh	S	0	1500		
SS	Wh	S	1500	1561	Salt Sand	HFV
SH	Dk Gy-Med Gy	S	1561	1646		
LS	Wh-lt br	S	1646	1696	Greenbrier	Very Fossiliferous
SS	Wh	S	1696	1984	Big Injun	
SH	Lt Gy-M Gy	S	1984	2254		
Slst	Lt Gy-M Gy	H	2254	2277	Welsh Stray	
SH	Med Gy	S	2277	2326		
SS	Lt Gy	H	2326	2348	Berea	
SH, Slst	Lt Gy-M Gy	S-H	2348	2710		
Slst	Lt Gy	H	2710	2724	Gordon	
SH	Med Gy	S	2724	2808		
Slst	Lt Gy	H	2808	2832	5th	
SH, Slst	Lt Gy, M Gy	S-H	2832	3208		
Sndy, Slst	Wh, Lt Gy	H	3208	3291	<u>Warren</u>	
SH, Slst	Lt Gy-M Gy	S-H	3291	3475		
				L.T.D.	Plug back T.D. 2423'	

RECEIVED
OCT 14 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. No. 1 E. Foster

API Well No. 47 - 069 - 0028
State County Permit

WELL TYPE: Oil / Gas

(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 1281

Watershed: Castlemans Run

District: Liberty

County: Ohio

Quadrangle: Bethany (1:24000)

WELL OPERATOR Haddad & Brooks, Inc.

Address 905 Washington Road

Washington, PA 15301

DESIGNATED AGENT Henry Parsons

Address 121 Glenville Drive

New Martinsville, WV 26155

OIL & GAS
ROYALTY OWNER

Ethel M. Foster

Address R.D. #2 Box 253

West Alexander, PA 15376

COAL OPERATOR Valley Camp Coal Co.

Address P. O. Box 218

Triadelphia, WV 26059

Acreage 176

SURFACE OWNER Same

Address

Acreage

DEED SALE (IF MADE) TO:

Address

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Phillip Tracy

Address Middlebourne, WV 26149

304-758-4573

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name Kanawha & Hocking Coal & Coke

Address P. O. Box 218

Triadelphia, WV 26059

Name

Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name

Address

RECORDED
MAR - 6 1980

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 / other contract / dated August 13, 1979, to the undersigned well operator from Ethel M. Foster

[If said deed, lease, or other contract has been recorded:]

Recorded on October 11, 1979, in the office of the Clerk of the County Commission of Ohio County, West Virginia, in Deed Book 592 at page 649. A permit is requested as follows:

PROPOSED WORK: Drill / 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 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.

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 prior 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
100 WASHINGTON STREET EAST
CHARLESTON, WV 25311

BLANKET BOND

Haddad & Brooks, Inc.

Well Operator

By [Signature]

Its Vice President

2/29/80

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Union Drilling Company
Address Buckhannon, WV

GEOLOGICAL TARGET FORMATION, Warren

Estimated depth of completed well, 3500 feet Rotary X / Cable tools _____
Approximate water strata depths: Fresh, 50 feet; salt, 1700 feet.
Approximate coal seam depths: 550 (Pgh) Is coal being mined in the area: Yes _____ / No X

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		42#		X	60'	60'	---	Kinds
Fresh water									
Coal	8 5/8		22#	X		950'	950'	Cemented to surface	Sizes
Intermediate									
Production	4 1/2	K55	9.5#	X		3500'	3500'	Cemented as needed	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 2.05 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 § 22-4-9a from the owner of any water well or drilling within 200 feet of the proposed well.

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.

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 11-20-80

Robert L. [Signature]
Deputy Director - Oil & Gas Division

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.

By _____
Title _____

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

RECEIVED
OCT 14 1980

OIL & GAS DIVISION
DEPT. OF MINES
AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, 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.

Valley Camp Coal Company
COAL OPERATOR OR OWNER
P.O. Box 218, Triadelphia, WV 26155
ADDRESS

COAL OPERATOR OR OWNER
ADDRESS
Ethel M. Foster
LEASE OR PROPERTY OWNER
R.D. #2, Box 253, West Alexander,
ADDRESS PA 15376

Haddad & Brooks, Inc.
NAME OF WELL OPERATOR
905 Washington Rd, Washington, PA 15301
COMPLETE ADDRESS

19
WELL AND LOCATION
Liberty District
Ohio County

Well No. 1
Ethel Foster Farm

STATE INSPECTOR SUPERVISING PLUGGING Fred Burdette

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Ohio } SS:

Thomas F. Shields and
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 _____, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 2nd day of September, 19 80, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			OSG PULLED	CSG LEFT IN
	8 5/8" Surface Csg. 0-1000		8 5/8" 0'	1000'
	Cement Plug in 8 5/8" 1000-900			
	6% Gel water 1500-1000		4 1/2" 1450'	973'
		4 1/2" Bridge Plug @ 1500'		
Greenbrier 1696				
Big Injun 1984	4 1/2" Casing Cemented			
Welsh Stray 2277	2423-1500			
Berea 2348				
	Cement Plug 2542-2442			
Gordon 2724				
Fifth 2832				
Warren 3291				
TD 3475	Cement Plug 3319-3219			
COAL SEAMS	DESCRIPTION OF MONUMENT			
(NAME) Pittsburgh 690	Steel Plate with vent			
(NAME)	Welded on 8 5/8" casing.			
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 2nd day of September, 19 80.

And further deponents saith not.

Thomas F. Shields

Sworn to and subscribed before me this 9th day of October, 19 80

My commission expires:

Paul [Signature]
Notary Public.

Permit No. _____

069

0028