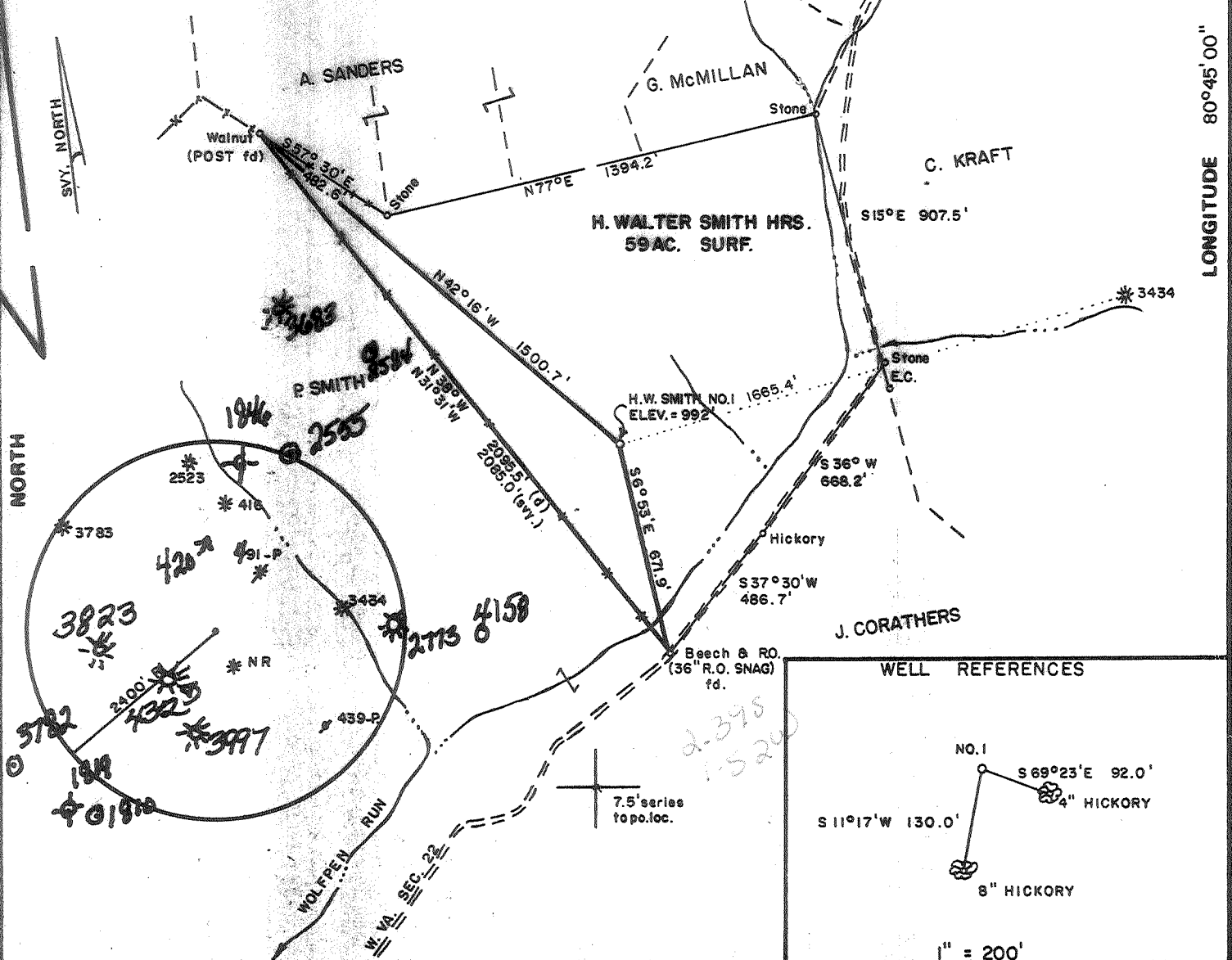


H. WALTER SMITH HEIRS 59 AC. ±

LATITUDE 39°22'30"

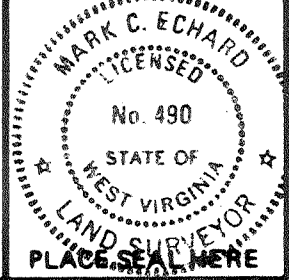
Janie 5/25/90
" 8/9/90



S 08621
LONGITUDE 80°45'00"

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Int. of Rd. Sec. 28 & 22
 2100' ± SW of Loc. Elev. = 801'

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) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



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



DATE MAY 11, 19 90
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47-017-03819-7
 STATE 47 COUNTY 017 PERMIT 03819-7

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS Y LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION Y STORAGE ___ DEEP ___ SHALLOW Y
 LOCATION: ELEVATION 992' WATER SHED WOLFFPEN RUN OF NUTTER FORK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER H. WALTER SMITH HRS. ACREAGE 59
 OIL & GAS ROYALTY OWNER H. WALTER SMITH HRS. LEASE ACREAGE 59
 LEASE NO. _____
 PROPOSED WORK: DRILL Y CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE Y PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Set temporary plug for Gordon/Heir Coningle Wash
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BENSON - RILEY ESTIMATED DEPTH 5202' Benson
 AUG 16 1996

Trek, Inc.
 P.O. Box 5087
 Vienna, wVa. 26105-5087

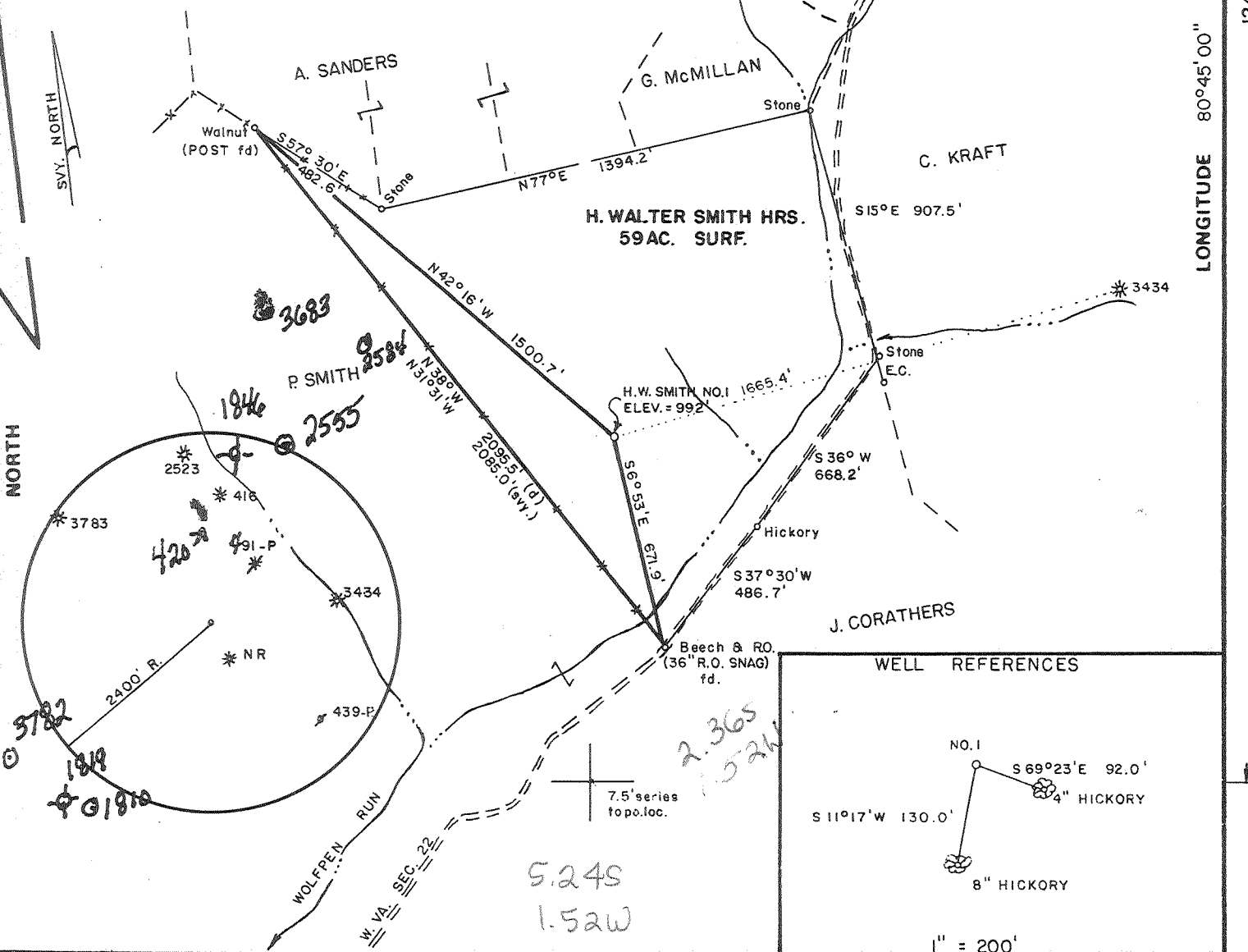
Candace D. McCloskey
 Same Address
 PH: 304-295-8735

2000 3819

H. WALTER SMITH HEIRS 59 AC. ±

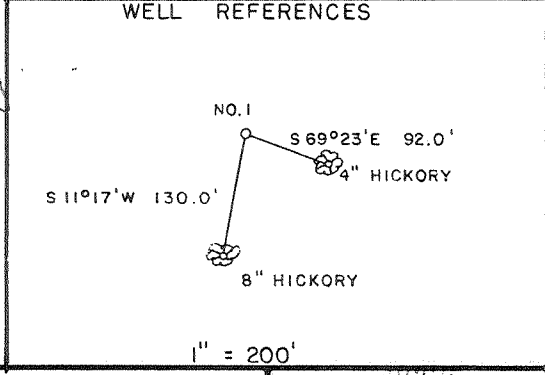
LATITUDE 39°22'30"

June 5/25/90



LONGITUDE 80°45'00"

NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Jct. of Rd. Sec. 28 & 22
 2100' ± SW of Loc. Elev. = 801'

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) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



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



DATE MAY 11 19 90
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47-017-3819
 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 992' WATER SHED WOLF PEN RUN OF NUTTER FORK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5' & 15' EC
 SURFACE OWNER H. WALTER SMITH HRS. ACREAGE 59
 OIL & GAS ROYALTY OWNER H. WALTER SMITH HRS. LEASE ACREAGE 59
 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 BENSON - RILEY ESTIMATED DEPTH 5500' ±
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, W. V. 26320 ALMA, W. V. 26320

JUN 4 1990

66 wilbur (092)

WR-35

09-Aug-96

API # 47- 17-03819 F

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: WHITE, EDITH S. Operator Well No.: H.W. SMITH #1

LOCATION: Elevation: 992.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 12500 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 8000 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: TREK, INC.
P. O. BOX 5087
VIENNA, WV 26105-5087

Agent: CANDACE D. McCLOSKEY

Inspector: MIKE UNDERWOOD
Permit Issued: 08/12/96
Well work Commenced: 08/14/96
Well work Completed: 08/21/96
Verbal Plugging
Permission granted on: _____
Rotary _____ Cable _____ Rig
Total Depth (feet) _____
Fresh water depths (ft) _____
Salt water depths (ft) _____

Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.

OPEN FLOW DATA

Producing formation Gordon Sand Pay zone depth (ft) 2644-63
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 300 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 775 psig (surface pressure) after 24 Hours

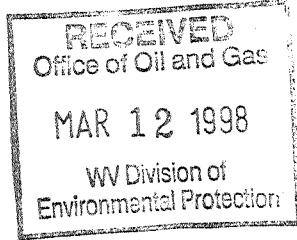
Second producing formation Weir Sand Pay zone depth (ft) 2225-2300
 Gas: Initial open flow * MCF/d Oil: Initial open flow * Bbl/d
 Final open flow * MCF/d Final open flow * Bbl/d
 Time of open flow between initial and final tests * Hours
 Static rock Pressure * psig (surface pressure) after * Hours

*Both Formation Comingled.

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: TREK, INC. TREK, Inc

By: Candace McCloskey
Date: 3/10/98



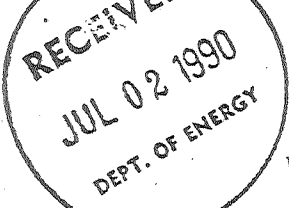
MAR 13 1998

Dooo 3819 F

08-14-96 Set Bridge Plug @ 2762'. Perforated 4 holes @ 2752'.
Cemented w/200 Sx 50/50 Pozmix

08-21-96 Gordon Sand: 2644'-63' (8 Holes) 5,000# 80/100 & 30,000# 20/40 Sand,
565 BW & 18 BA

Weir Sand: 2225'-2300' (14 Holes) 43,068# 20/40 Sand, 487 BW & 24 BA



State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: WHITE, EDITH S. AGENT Operator Well No.: H. W, SMITH #1

LOCATION: Elevation: 992.00 Quadrangle: WEST UNION

District: WESTUNION County: DODDRIDGE
Latitude: 12500 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude: 8000 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: DRILLING APPALACHIAN CORP
P. O. BOX 99
ALMA, WV 26320-0099

Agent: KENNETH R. MASON

Inspector: MIKE UNDERWOOD
Permit Issued: 05/25/90
Well work Commenced: JUNE 2, 1990
Well work Completed: JUNE 23, 1990
Verbal Plugging _____
Permission granted on: _____
Rotary XXX Cable _____ Rig _____
Total Depth (feet) _____
Fresh water depths (ft) 81 FEET
652 FEET
Salt water depths (ft) 1860 FEET

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Cu. ^{to SURFACE}
8 5/8	1200	1200	260 SWS
4 1/2		5026	200 SWS

Is coal being mined in area (Y/N)? N
Coal Depths (ft): NA

OPEN FLOW DATA

Producing formation BENSON SAND Pay zone depth (ft) 4949-52
Gas: Initial open flow SHOW MCF/d Oil: Initial open flow - Bbl/d
Final open flow 357 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 1575 psig (surface pressure) after 72 Hours

Second producing formation _____ Pay zone depth (ft) _____
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 pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: DRILLING APPALACHIAN CORP.

By: Kenneth R. Mason
Date: 6/29/90

JUL 6 1990

GEOLOGICAL WELL RECORD DATA

WELL NAME: H. Walter Smith #1

PERMIT NUMBER: 47-017-3819

	TOP	BOTTOM	
SOIL	0	15	
BROKEN SAND	15	257	
SANDS AND SHALES	257	995	
DUNKARD SAND	985	1107	
1ST SALT SAND	1232	1290	
2ND SALT SAND	1580	1651	
3RD SALT SAND	1596	1624	
MAXON	1643	1667	
BIG LIME	1900	1972	
BIG INJUN SAND	1978	2080	SHOW GAS
WEIR	2220	2313	
BEREA SAND	2430	2434	
GORDON SAND	2626	2676	SHOW GAS
FIFTH SAND	2844	2849	
WARREN	3296	3344	
RILEY	4476	4525	
BENSON	4933	4937	SHOW GAS
TOTAL DEPTH	5202		

WELL TREATMENT SCHEDULE

Benson Sand 4933 - 4936 Perforated with 15 holes

Formation Break Down 1800 PSI

Hydraulic frac with Nitrogen assist
 Average Treating Rate 18.1 barrels per min
 512 barrels of gel treated water
 300 sacks of 20/40 sand
 50 sacks of 80/100 sand
 105,000 scf of Nitrogen

Average Treating Pressure 2376 PSI

10705

1) Date: May 21, 1990
2) Operator's well number
H. Walter Smith #1
3) API Well No: 47 - 017 - 3819
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 Edith S. White, Agent
Address 701 Maryland Avenue
Fairmont, WV 26554
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name ---
Address _____
- (b) Coal Owner(s) with Declaration
Name _____
Address _____
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Mike Underwood
Address Rte 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
x 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 5 on the above named parties, by:

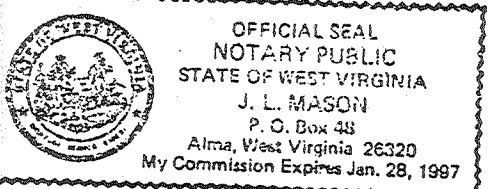
- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

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 DRILLING APPALACHIAN CORPORATION
By: Lenneth P. Mason
Its: PRESIDENT
Address PO BOX 99
ALMA, WV 26320
Telephone (304) 758-4638



Subscribed and sworn before me this 21st day of May, 1990

My commission expires 1/28/97 Notary Public