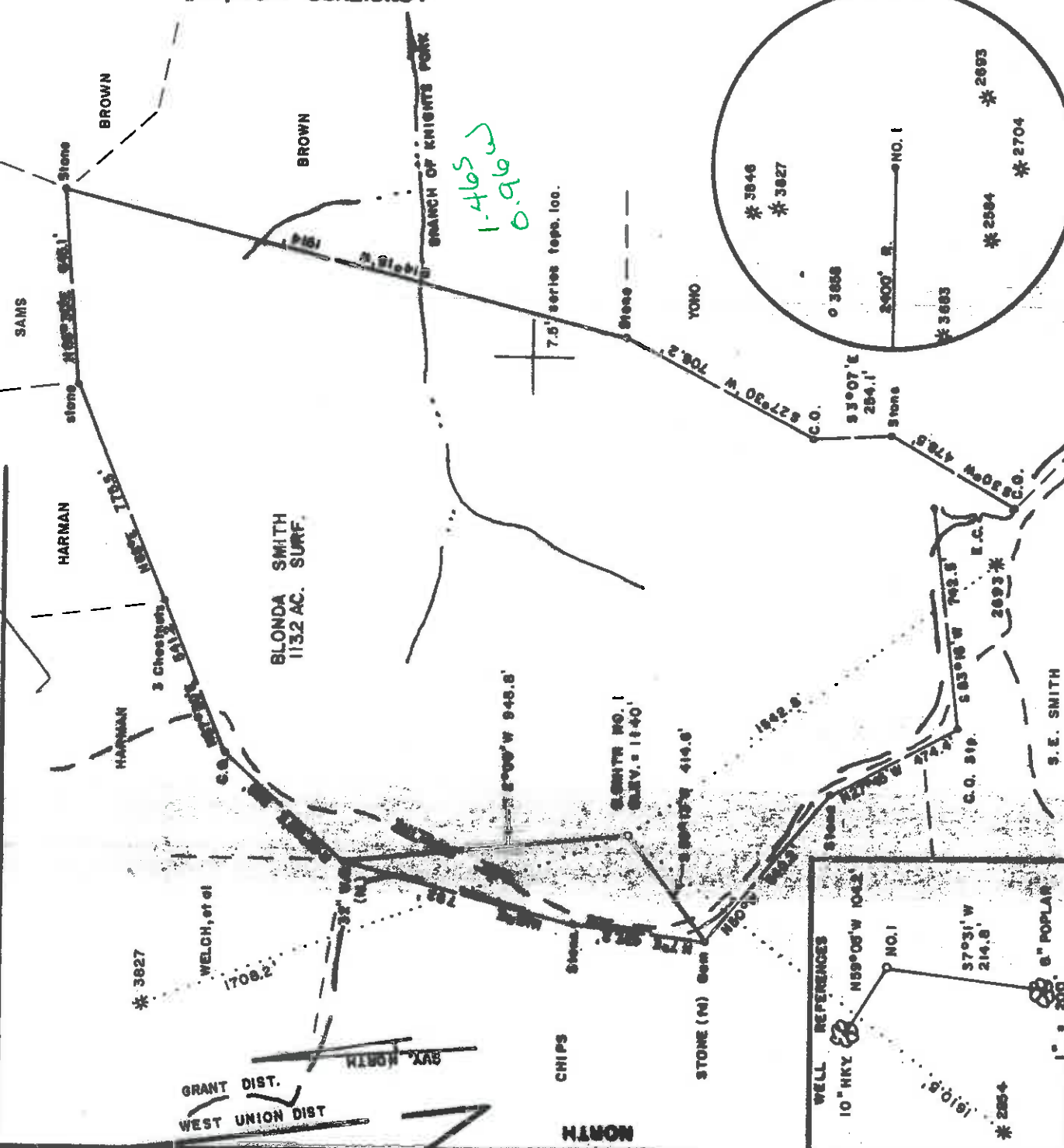


BLONDA SMITH LEASE 113.2 AC. #

5070' W
LATITUDE 39°22'30"
LONGITUDE 80°45'00"



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1/200
PROVEN SOURCE OF
ELEVATION TOP OF KNOB
EAST OF LEASE ELEV. = 1307'

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES. *Mark C. Echard*
(SIGNED) 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 APRIL 2, 19 91
OPERATOR'S WELL NO. B. SMITH NO. 1
API WELL NO. 47-017-3885
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 1140 WATER SHED KNIGHTS FORK
DISTRICT BRANT COUNTY DODDRIDGE
QUADRANGLE WEST UNION 7.5 ACREAGE 113.2
SURFACE OWNER BLONDA SMITH
OIL & GAS ROYALTY OWNER BLONDA SMITH, et al LEASE ACREAGE 113.2
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 ESTIMATED DEPTH 5500'
DESIGNATED AGENCY _____
ADDRESS _____
Candace McGluskey
P.O. Box 5087

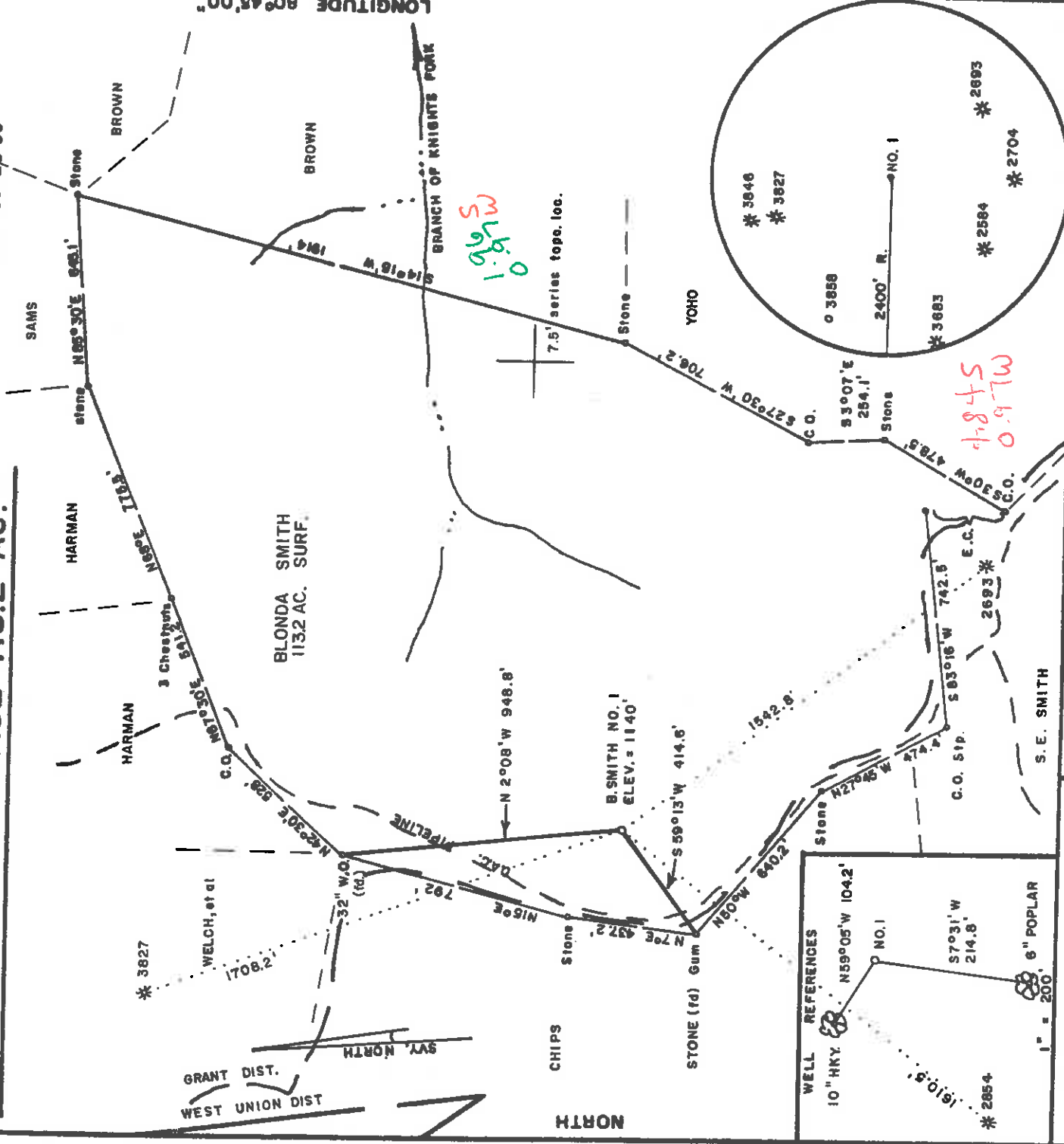
1401

AUG 23 1990

BLONDA SMITH LEASE 113.2 AC. ±

5070' W
LATITUDE 39°22'30"

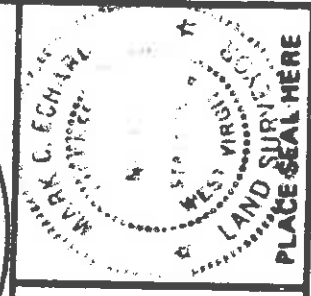
LONGITUDE 80°48'00"



WELL REFERENCES
10" HNY N59°05'W 104.2'
NO. 1
ELEV. = 1307'
6" POPLAR
1" = 200'

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1/200
PROVEN SOURCE OF
ELEVATION TOP OF KNOB
EAST OF LEASE ELEV. = 1307'

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.
Mark C. Echard
MARK C. ECHARD
(SIGNED) R.P.E. L.L.S. 490



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

DATE APRIL 2, 19 91
OPERATOR'S WELL NO. B. SMITH NO. 1
API WELL NO. 47-017-3885
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 1140' WATER SHED KNIGHTS FORK
DISTRICT GRANT 3 COUNTY DODDRIDGE
QUADRANGLE WEST UNION 7.5' ACREAGE 113.2

SURFACE OWNER BLONDA SMITH
OIL & GAS ROYALTY OWNER BLONDA SMITH, et al
LEASE NO. _____

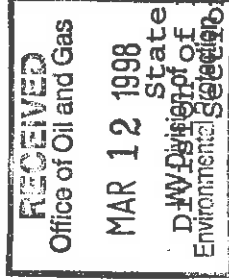
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
TARGET FORMATION BENSON ESTIMATED DEPTH 5500' ±
WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
ADDRESS P.O. BOX 99 280 ADDRESS P.O. BOX 99
ALMA, W. VA. 26320 ALMA, W. VA. 26320

MAY 10 1991

6-6 Wilbur (092)

WR-35



20-Aug-96
API # 47- 17-03885 F

Well Operator's Report of Well Work

Farm name: SMITH, BLONDA Operator Well No.: B. SMITH #1

LOCATION: Elevation: 1,140.00 Quadrangle: WEST UNION

District: GRANT County: DODDRIDGE
Latitude: 7650 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 5070 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: 08/20/96
Well work Commenced: 08/22/96
Well work Completed: 08/28/96
Verbal Plugging
Permission granted on: _____ Rig
Rotary Cable _____
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

Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 650 MCF/d Final open flow Show Bbl/d
 Time of open flow between initial and final tests Hours
 Static rock Pressure 500 psig (surface pressure) after 24 Hours

Second producing formation Weir Sand

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 Formations 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. Candace McCloskey, TREK Inc.

By: Candace McCloskey
Date: 3/10/98

Dodo 3885 F

MAR 13 1998

08-22-96 Set Bridge Plug @ 2900'. Perforated 4 Holes @ 2890'.
Cement w/200 Sx 50/50 Pozmix

08-28-96 Gordon Sand: 2830'-44' (8 Holes) 5,000# 80/100 & 30,000# 20/40 Sand,
501 BW & 12 BA

Weir Sand: 2410-62' (14 Holes) 29,000# 20/40 Sand, 386 BW & 24 BA

RECEI

JUN 21

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

API # 47- 17-03885
06-May-91

Farm name: SMITH, BLONDA
Well Operator's Report of Well Work

Operator Well No.: B. SMITH #1

LOCATION: Elevation: 1140.00
Quadrangle: WEST UNION

District: GRANT
Latitude: 7650
Longitude 5070
County: DODDRIDGE
Feet South of 39 Deg. 22Min. 30 Sec.
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: 05/06/91
Well work Commenced: 5/13/91
Verbal Plugging: 5/23/91
Permission granted on: _____
Rotary X Cable Rig
Total Depth (feet) 5264'
Fresh water depths (ft) 200'
Salt water depths (ft) 1550'
Is coal being mined in area (Y/N)?
Coal Depths (ft): No

OPEN FLOW DATA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1373'	1373'	GTS 300sk
4-1/2"	5220'	5220'	160sk
			50/50-Po

Producing formation Benson Sand
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow 5110'-
 Final open flow 380 MCF/d Final open flow 5114'
 Time of open flow between initial and final tests _____ Bbl/d
 Static rock Pressure 1320 psig (surface pressure) after _____ Bbl/d
 Second producing formation _____ Hours
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Pay zone depth (ft) _____
 Final open flow _____ MCF/d Final open flow _____ Pay zone depth (ft) _____
 Time of open flow between initial and final tests _____ Bbl/d
 Static rock Pressure _____ psig (surface pressure) after _____ Bbl/d
 _____ 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: June 18, 1991

JUN 28 1991

Perforated at 5110'-5114', 16 shots 0.39 hollow steel carrier.
 Fraced with 20# gelled water frac, 10,000# 80/100, 50,000# 20/40
 sand, 80,000 SCF Nitrogen Gas, Formation Break occurred
 at 1950 psi, Avg treatment psi, 2400, avg fluid rate 22 bbl/mi
 ISIP 2110 psi

	Surface	500'
Permian Sands/Shales	500'	2049'
Pennsylvanian Sands/shales	2050	2108
	2109	2110
Big Time	2111	2198
Shale	2199	2206
Big Injun Sand	2207	2244
Shale	2245	2341
Squaw Sand	2342	2474
Shale	2475	2588
Weir Sand	2589	2604
Shale	2605	2794
Gantz	2795	2846
Shale	2847	3484
Gordon Sand	3485	3512
Shale/siltstone	3513	4409
Warren Sand	4410	4472
Shale/siltstone	4473	4667
Balltown	4668	4682
Shale/Siltstone	4683	5107
Riley	5108	5107
Shale/Siltstone	5274	5114
Benson Sand		
Shale/Siltstone		

JUN 28 1991

RECEIVED
MAY 03 1991
DEPT. OF ENERGY
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

RECEIVED
MAY 03 1991
DEPT. OF ENERGY
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

017-3885
Issued 5/6/91
Page 3 of 5
Expires 5/6/93
670

- 1) Well Operator: DRILLING APPALACHIAN CORPORATION
- 2) Operator's Well Number: BLONDA SMITH #1 3) Elevation: 1140'
- 4) Well type: (a) Oil or Gas
 (b) If Gas: Production Deep
 Undergound Storage Shallow
- 5) Proposed Target Formation(s): 435 Benson/Riley
- 6) Proposed Total Depth: 5500± feet
- 7) Approximate fresh water strata depths: 100'
- 8) Approximate salt water depths: 1500'
- 9) Approximate coal seam depths: ---
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Drill, perforate, stimulate new formation
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4"	H-40	42#	30'	0'	
Fresh Water						
Coal						
Intermediate	8-5/8"	J-55	20#	1360'	1360'	38CSR18-11.2.2
Production	4-1/2"	J-55	10.5#	5300'	5300'	38CSR18-11.3
Tubing						38CSR18-11.1
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond LC (Type) Agent

6221



1) Date: April 23, 1991
2) Operator's well number B. Smith #1 3885
3) API Well No: 47 - 017 - Permit
State - County -

ORIGINAL

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

5) (a) Coal Operator:

Name _____
Address _____

(b) Coal Owner(s) with Declaration

Name _____
Address _____

(c) Coal Lessee with Declaration

Name _____
Address _____

4) Surface Owner(s) to be served:

(a) Name Blonda Smith
Address Rte. 3, Box 567A
Clarksburg, WV 26301

(b) Name _____
Address _____

(c) 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

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:

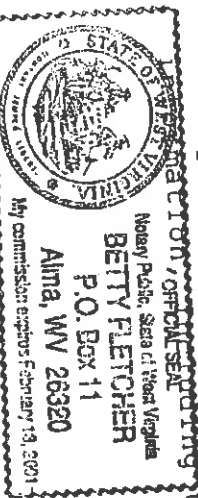
_____ Personal Service (Affidavit attached)
_____ Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

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.

DRILLING APPALACHIAN CORPORATION
Well Operator _____
By: _____
Its: _____
Address _____
P. O. Box 99
Alma, WV 26320
Telephone (304) 758-4638
_____ 23rd day of April, 1991



Subscribed and sworn before me this _____ day of _____, 1991

My commission expires February 13, 2001

Betty Fletcher Notary Public

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: TREK, Inc. 1046 44660 671
- 2) Operator's Well Number: B.Smith #1 3) Elevation: 1140
- Well type: (a) Oil / or Gas X/ Issued 08/20/96
 (b) If Gas: Production X/ / Undergr⁴¹⁹ound Storage / Exp⁴¹⁹ired 08/20/98
 Deep / Shallow /
- Proposed Target Formation(s): Gordon and Weir
- Proposed Total Depth: 5264 feet
- Approximate fresh water strata depths: 200'
- 8) Approximate salt water depths: 1550' Permitting Office of Oil & Gas
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes / No X/
- 11) Proposed Well Work: Fracturing Gordon and Weir formations.
- 12)

RECEIVED
 WV Division of
 Environmental Protection
 AUG 20 1996

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS	FOOTAGE INTERVALS	CEMENT			
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water	8 5/8			1373	1373	cts 300 sks
Coal						
Intermediate						
Production	4 1/2				5220	160 sks
Tubing						
Liners						

PACKERS : Kind
 Sizes
 Depths set

1532/22
 For Office of Oil and Gas Use Only
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Agent
 (Type)

RECEIVED
WV Division of
Environmental Protection
AUG 20 1996

1) Date: August 20, 1996
2) Operator's well number
B. Smith #1
3) API Well No: 47 - 017 - 3885
State County Permit

Permitting
Office of Oil & Gas
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name Blonda Smith
Address Route 3, Box 567A
Clarksburg, WV 26301

5) (a) Coal Operator:
Name _____
Address _____

(b) Name _____
Address _____

(b) Coal Owner(s) with Declaration
Name _____
Address _____

(c) Name _____
Address _____

Name _____
Address _____

6)

Inspector Mike Underwood
Address Route 2, Box 135
Salem, WV 26426

(c) Coal Lessee with Declaration
Name _____
Address _____

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 included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ 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 22-6 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 TREK, Inc
By: Edward B. Kime
Its: President
Address P.O. Box 5087
Vienna, WV 26105

Subscribed and sworn before me this 20th day of August

My commission expires October 18, 2001

