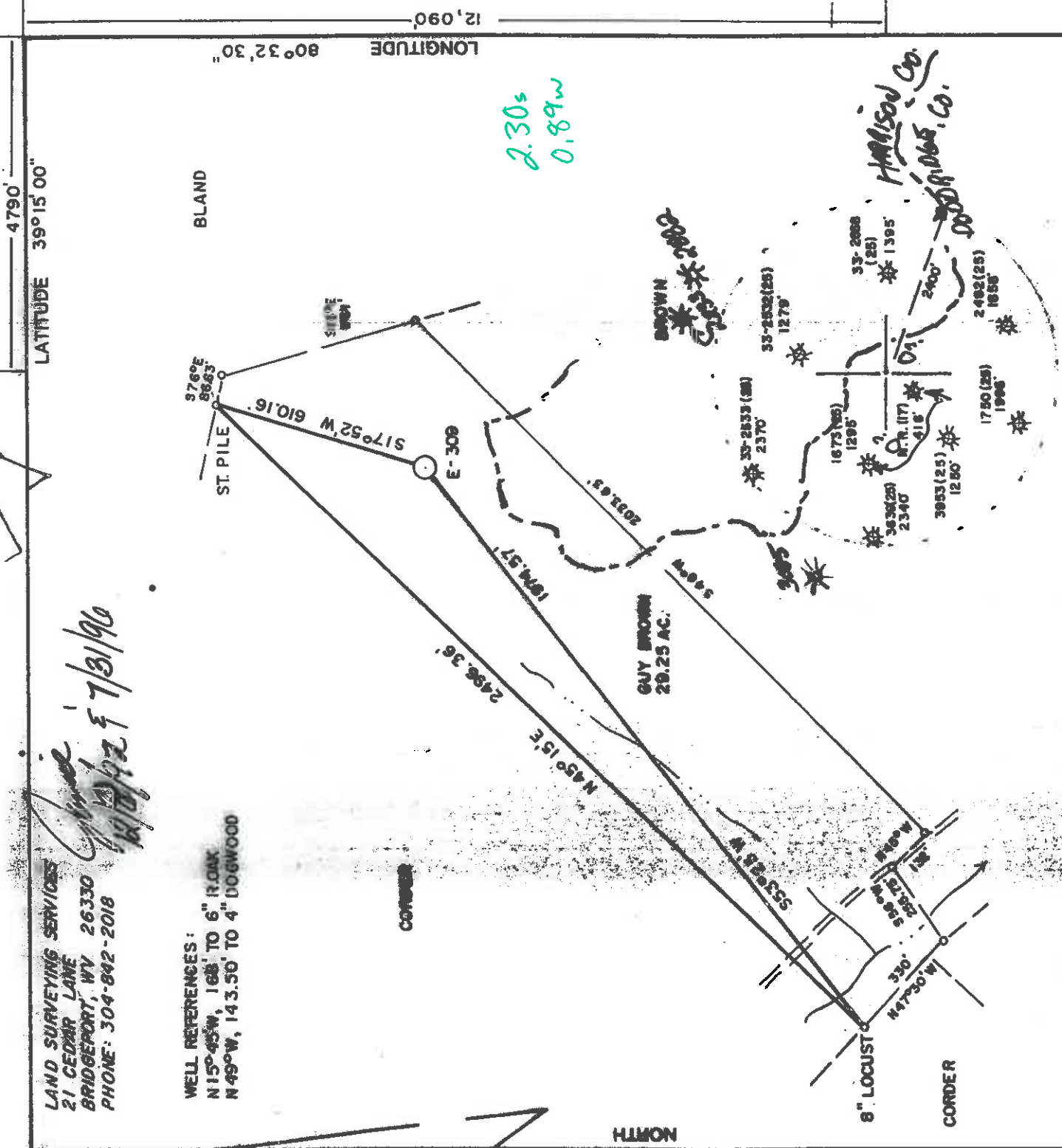


LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

Handwritten: 7/31/90

WELL REFERENCES:
N15°45'W, 168' TO 6" R.O.M.K.
N49°W, 143.50' TO 4" DOGWOOD

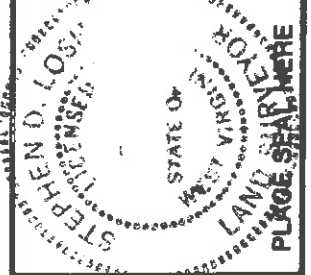


LATITUDE 39°15'00"
LONGITUDE 80°32'30"

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION RD. INTER. 1700' S.W. OF LOCATION ELEV. 1014'

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 ENERGY.
(SIGNED) _____
R.P.E. L.L.S. STEPHEN D. LOSH 674



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE NOVEMBER 13 18 92
OPERATOR'S WELL NO. E-309
API WELL NO. 47-017-04002F

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1273' WATERSHED BIG ISAAC CREEK
DISTRICT GREENBRIER COUNTY DODDRIDGE
QUADRANGLE BIG ISAAC 7.5 min.
SURFACE OWNER GUY BROWN ACREAGE 28.84
OIL & GAS ROYALTY OWNER GUY BROWN, et. al. LEASE ACREAGE 29

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 ESTIMATED DEPTH 5762'
TARGET FORMATION ALEXANDER
WELL OPERATOR EXPLORATION PARTNERS PRODUCING CO. DESIGNATED AGENT LOUIS A. FERRARI
ADDRESS P.O. BOX 1245 BRIDGEPORT, WV 26330

COUNTY NAME DODD PERMIT 4002

FORM WV-6

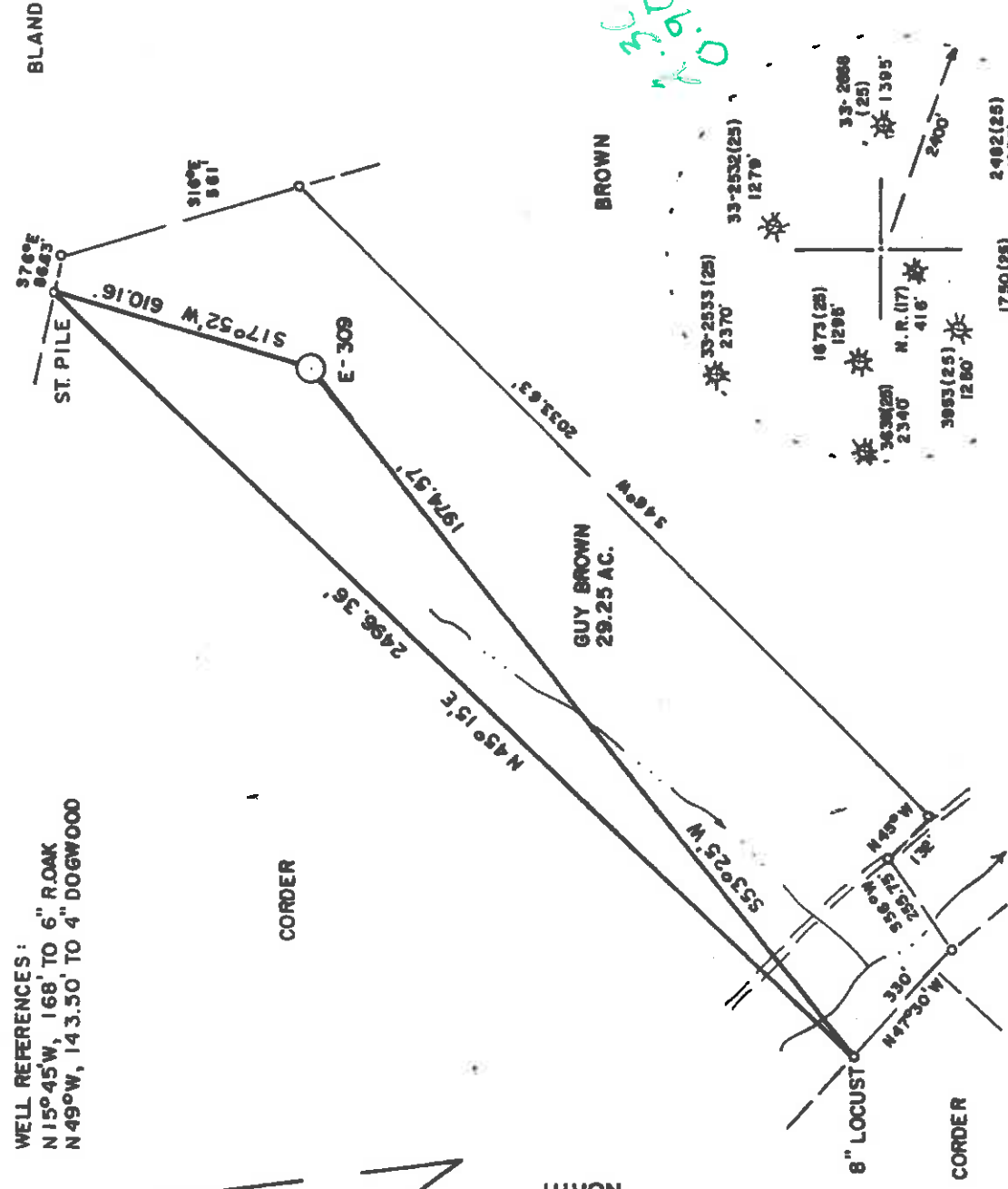
LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

WELL REFERENCES:
N15°45'W, 168 TO 6" ROAK
N49°0'W, 143.50 TO 4" DOGWOOD

CORDER

LATITUDE 39°15'00"

LONGITUDE 80°32'30"



2.30
3.13

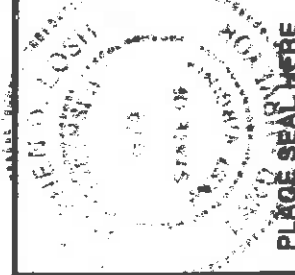
DAVIS

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF _____
ACCURACY 1 in 200
PROVEN SOURCE OF _____
ELEVATION RD. INTER. 1700' S.W. OF _____
LOCATION ELEV. 1014'

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 ENERGY.
(SIGNED) STEPHEN D. LOSH
R.P.E. _____ L.L.S. _____ 674

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE NOVEMBER 13, 19 92
OPERATOR'S WELL NO. E-308
API WELL NO. 47-017-4002

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

LOCATION: ELEVATION 1273' WATER SHED BIG ISAAC CREEK
DISTRICT GREENBRIER COUNTY DODDRIDGE

SURFACE OWNER GUY BROWN
OIL & GAS ROYALTY OWNER GUY BROWN, et al. LEASE ACREAGE 28.84

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 ALEXANDER ESTIMATED DEPTH 5850'

WELL OPERATOR EXPLORATION PARTNERS PRODUCING CO. DESIGNATED AGENT LOUIS A. FERRARI
ADDRESS P.O. BOX 1245 5588 ADDRESS P.O. BOX 1245
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

COUNTY NAME

PERMIT

FORM 57-6

RECEIVED
 Division of
 Environmental Protection

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

FEB 25 1997
 Permitting
 Operator's Report of Well Work
 Office of Oil & Gas
 Farm name: BROWN, GUY R. Operator Well No.: BROWN #2-E-309

LOCATION: Elevation: 1,273.00 Quadrangle: BIG ISAAC
 District: GREENBRIER County: DODDRIDGE
 Latitude: 12090 Feet South of 39 Deg. 15 Min. 00 Sec.
 Longitude 4790 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: Exploration Partners Prod
 P.O. Box 930
 Bridgeport, WV 26330-1245

Agent: Louis A. Ferrari

Inspector: MIKE UNDERWOOD
 Permit Issued: 07/30/96
 Well Work Commenced: 08/11/96
 Well Work Completed: 08/12/96
 Verbal Plugging
 Permission granted on: _____
 Rotary x 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.
	NO ADDITIONAL CASING RUN		

OPEN FLOW DATA

Producing formations BALLTOWN, SPEECHLEY Pay zone depth (ft) 3492-3908
 Gas: Initial open flow SHOW MCF/d Oil: Initial open flow N/A Bbl/
 Final open flow 260 MCF/d Final open flow SHOW Bbl/
 Time of open flow between initial and final tests ** Hour
 Static rock pressure 675 psig (surface pressure) after 48 Hour

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial Open flow _____ Bbl/
 Final open flow _____ MCF/d Final open flow _____ Bbl/
 Time of open flow between initial and final tests _____ Hour
 Static rock pressure _____ psig (surface pressure) after _____ Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE 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.

FEB 28 1997

For: EXPLORATION PARTNERS PRODUCING CO.
 By: *Louis A. Ferrari* Louis A. Ferrari
 Date: February 24, 1997

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

STAGE I (3753-3900) 12 holes, 500 gal. 15% HCL, 300 sks Sand, 315 BBL H2O
STAGE II (3492-3663) 12 holes, 500 gal. 15% HCL, 300 sks Sand, 315 BBL H2O

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal and gas
SEE ORIGINAL FOR FORMATIONS			

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

Well Operator's Report of Well Work

Farm name: BROWN, GUY R. Operator Well No.: BROWN#2-E-309

LOCATION: Elevation: 1273.00 Quadrangle: BIG ISAAC

District: GREENBRIER County: DODDRIDGE
Latitude: 12090 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 4790 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: EXPLORATION PARTNERS PROD
P.O. BOX 1245
BRIDGEPORT, WV 26330-1245

Agent: LOUIS A. FERRARI

Inspector: MIKE UNDERWOOD
Permit Issued: 12/08/92
Well work Commenced: 12/31/92
Verbal Plugging Completed: 1/5/93
Permission granted on: _____ Rig
Rotary x Cable _____
Total Depth (feet) 5762 DFD
Fresh water depths (ft) 500'

Salt water depths (ft) _____
N/A
Is coal being mined in area (Y/N)? N
Coal Depths (ft): None Reported

OPEN FLOW DATA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	35'	35'	---
8 5/8"	1341'	1341'	CTS
4 1/2"	5507'	5507'	550 SKS

Producing formation Alexander, Benson
Gas: Initial open flow 66 MCF/d Oil: Initial open flow N/A Pay zone depth (ft) 5054-5408
Final open flow 1904 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests _____ N/A Bbl/d
Static rock Pressure 1800 psig (surface pressure) after 48 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.

None Reported

For: EXPLORATION PARTNERS PRODUCING CO.

FEB 26 1997

By: *Bradley Thomas* Bradley Thomas
Date: January 25, 1993

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

Stage I. (5396-5408) 12 holes, 50 sks 80/100, 350 sks 20/40, 430 BBL Gelled H₂O
 Stage II. (5054-5065) 14 holes, 50 sks 80/100, 450 sks 20/40, 580 BBL Gelled H₂O

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal and gas
Sand & Shale	0	90	
Sand	90	250	
Shale	250	260	
Sand	260	335	
Sand & Shale	335	1240	Damp @ 500'
Sand	1240	1319	
Shale	1319	1654	
Sand	1654	1926	
Shale	1926	2100	
I. Lime	2100	2105	
Shale	2105	2140	
B. Lime	2140	2215	
B. Irjuni	2215	2295	
Shale	2295	2755	
50' Sand	2755	2770	
Shale	2770	2820	
Gordan	2820	2830	Gas Show
Shale	2830	3775	
Balltown	3775	3940	
Shale	3940	5050	
Benson	5050	5070	Gas Show
Shale	5070	5350	
Alexander	5350	5430	
Shale	5430	5762	Gas Show

FORM W-2B92
 No 0

017 - 4002
 Issued 12/08/92
 Page 1 of 1
 Expires 12/08/99

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

Well Operator: Exploration Partners, Inc. No. 1,585 (4) 252

Operator's Well Number: E-309 Guy Brown #2 3) Elevation: 1273'

Well type: (a) Oil or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow

Proposed Target Formation(s): Benson/Alexander

Proposed Total Depth: 5850' feet

Approximate fresh water strata depths: 80, 300, 375

Approximate salt water depths: 1790, 1880

Approximate coal seam depths: 500-501, 810-820, 1270-1273

Does land contain coal seams tributary to active mine? Yes No

Proposed Well Work: Drill & Stimulate *New Well*

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11 3/4"			30'		
Fresh Water						
Coal						
Intermediate	8 5/8"			1350'	1350'	CTS
Production	4 1/2"			5800'	5800'	500 sks
Tubing						
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 CC Blanket Agent

12/9/91

RECEIVED
ENVIRONMENTAL
DEC 0 2 1992
OFFICE OF THE COMMISSIONER

1) Date: November 24, 1992
2) Operator's well number
Guy Brown #2 E-309
3) API Well No: 47 - 017 - 4002
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 Guy R. Brown
Address Rt. 3, Box 99
Salem, WV 26426

(b) Name
Address

(c) Name
Address

6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426
Telephone (304) - 782-1043

5) (a) Coal Operator:
Name
Address

(b) Coal Owner(s) with Declaration
Name No Declaration of Record
Address

Name
Address

(c) Coal Lessee with Declaration
Name
Address

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 _____ 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 Exploration Partners Producing Company
By: Louis A. Ferrari *Louis A. Ferrari*
Its: Vice President
Address P.O. Box 1245
Bridgeport, WV 26330

Telephone (304)-842-8777
Subscribed and sworn before me this 24th day of November, 1992

Ruth Ann Bixler
My commission expires July 29, 2002 Notary Public

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

22265

Well Operator: Exploration Partners Producing Company / 6585 ④ 252

Operator's Well Number: E-309 (Guy Brown #2)

3) Elevation: 1273'

Well type: (a) Oil ___ / Gas x / Issued 07/30/96
(b) If Gas: Production x / Underground Storage ___ / Expires 07/30/98
Deep ___ / Shallow x / 439

5) Proposed Target Formation(s): Benson-Alexander

6) Proposed Total Depth: 5850' 5762' Alumina - 5306' 5408'

7) Approximate fresh water strata depths: 80, 300, 375
Bacon 5054'-5065'

8) Approximate salt water depths: 1790, 1880

9) Approximate coal seam depths: 500-501, 810-820, 1270-1273

10) Does land contain seams tributary to active mine? Yes / No X /

11) Proposed Well Work: FRAC (BALLTOWN, SPEECHLEY)

12) Set temporary plug zone 1 Comingle with Above Original Production

RECEIVED
WV Division of
Environmental Protection
JUL 0 8 1996
Permitting
Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	
Conductor	11 3/4"			30'		Fill - up (cu. ft)
Fresh Water						
Coal					1341'	CTS
Intermediate	8 5/8"			1350'	1350'	CTS
Production	4 1/2"			5800'	5800'	500 SKS
Tubing					5501'	550 SKS
Liners						

PACKERS : Kind

Sizes

Depths set

1570
 Fee(s) paid
 Plat
 MW-9
 MW-28
 For Division of Oil and Gas Use Only
 Well Work Permit
 Reclamation Fund
 [Signature] (Type)
 [Signature] WPCP Agent

RECEIVED
WV DIVISION
ENVIRONMENTAL PROTECTION
JUL 13 1996

- 1) Date: June 13, 1996
- 2) Operator's Well Number
E-309 (Guy Brown #2)
- 3) API Well No: 47-017-4002-R
state-county-permit

STATE OF WEST VIRGINIA
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 GUY R. BROWN
Address Rt. 3 Box 99
Salem WV 26426

(b) Name _____
Address None

(c) Name _____
Address _____

5) (a) Coal Operator:

Name _____
Address _____

(b) Coal Owner(s) with Declaration
Name None
Address _____

(c) Coal Lessee with Declaration

6) Inspector Mike Underwood
Address Rt. 2 Box 114
Salem WV 26426
Telephone _____

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

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 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 Exploration Partners Producing Co.

By: Louis A. Ferrari Louis A. Ferrari

Its: Vice President

Address: P.O. Box 1245

Bridgport, WV 26330

Telephone: (304) 842-8777

Subscribed and sworn before me on this 13 day of June, 1996 _____ Notary Public

Ruth Ann Rigdon Ruth Ann Rigdon

My commission expires July 29, 2002