

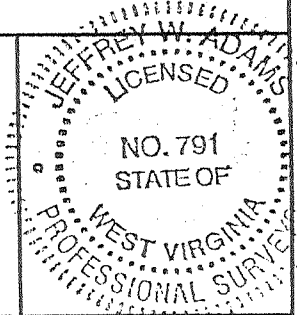
7 1/2'

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

FILE NO. PDC #3-PS.29
 DRAWING NO. 1
 SCALE 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION B.M. 747' Ints. Rt. 23 and 55/3

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) [Signature]
 R.P.E. _____ L.L.S. 791



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE May 28, 2002
 OPERATOR'S WELL NO. Roy Ferrebee No. 2
 API WELL NO. _____

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

LOCATION: ELEVATION 970' WATER SHED Elk Lick Run
 DISTRICT McClellan COUNTY Doddridge
 QUADRANGLE Center Point

SURFACE OWNER Roy Ferrebee ACREAGE 141.5
 OIL & GAS ROYALTY OWNER Roy Ferrebee LEASE ACREAGE 141.5
 LEASE NO. 6300

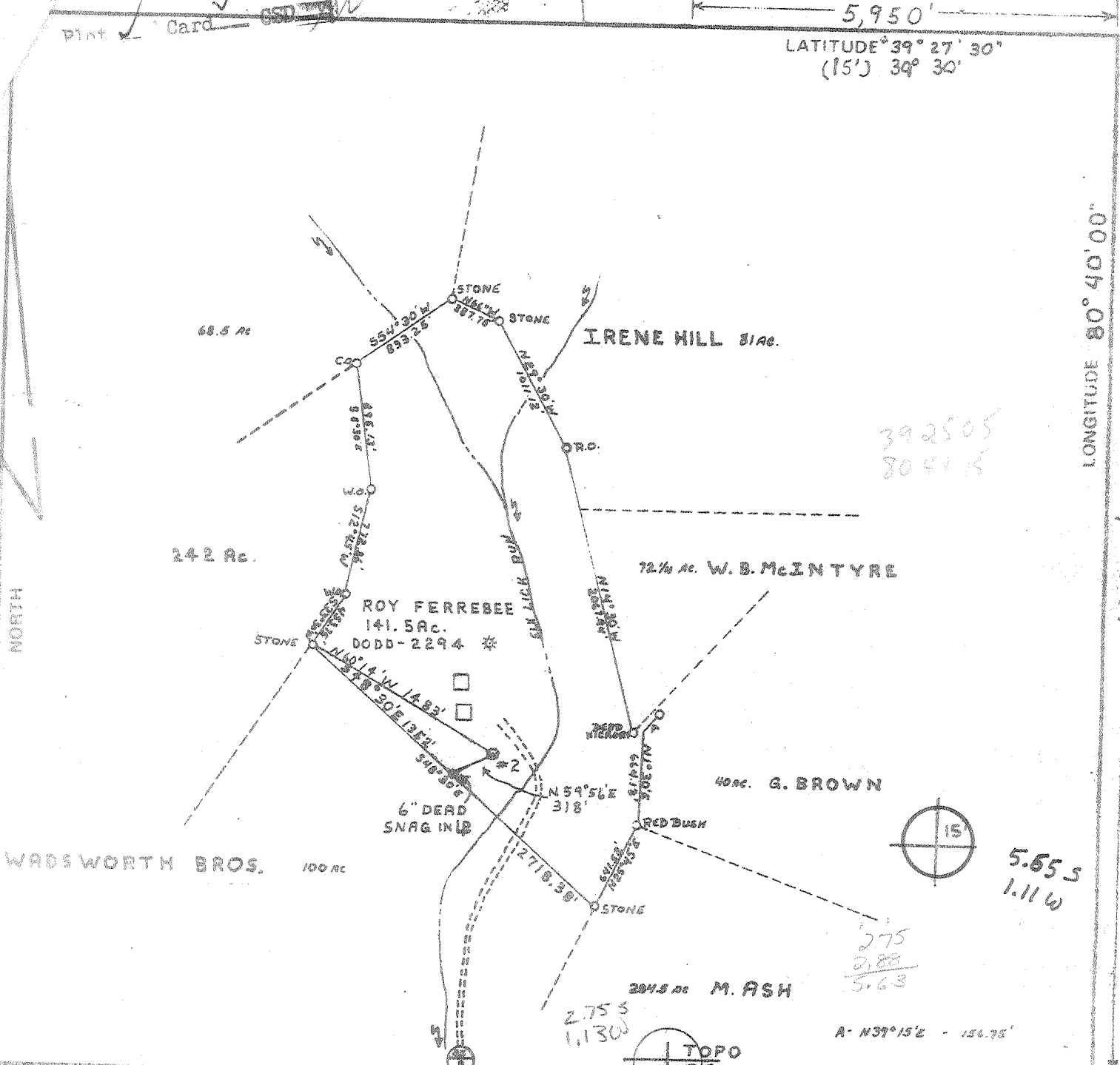
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON X CLEAN OUT AND REPLUG ___
 TARGET FORMATION Gordon ESTIMATED DEPTH 3133'
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Alan Smith
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

COUNTY NAME

PERMIT

Doddridge
 2678 P



FILE NO. P.D.C. #3 - 29 29
 DRAWING NO. 1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1" = 200'
 PROVEN SOURCE OF ELEVATION B.M. 747' INT.
(23) AND 55/3

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) Paul G. Dean
 R.P.E. # 1856 L.L.S. _____

PLACE SEAL HERE

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



DATE MARCH 27 1980
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-017
 STATE W.V. COUNTY PUTNAM PERMIT 2678

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 970' WATER SHED ELK LICK RUN
 DISTRICT McCLELLAN COUNTY DODDRIEGE
 QUADRANGLE SMITHBURG 7.5' CENTERPOINT 15' NW
 SURFACE OWNER ROY FERREEBE ACREAGE 141.5
 OIL & GAS ROYALTY OWNER ROY FERREEBE LEASE ACREAGE 141.5
 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 3000'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT PETROLEUM DEVELOPMENT CORP.
 ADDRESS 103 E. MAIN ST. BRIDGEPORT W.Va. 26330 ADDRESS 103 E. MAIN ST. BRIDGEPORT W.Va. 26330

AUG - 6 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



IV-35
(Rev 8-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date _____
Operator's _____
Well No. TWO (2)
Farm ROY FERREBEE
API No. 47 - 017 - 2678

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 1070' Watershed ELK LICK RUN
District: McCLELLAND County DODDRIDGE Quadrangle SMITHBURG

COMPANY PETROLEUM DEVELOPMENT CORPORATION

ADDRESS P.O. BOX 26 BRIDGEPORT, WV 26330

DESIGNATED AGENT SAME AS ABOVE

ADDRESS SAME AS ABOVE

SURFACE OWNER ROY FERREBEE

ADDRESS STAR ROUTE, WEST UNION, WV 26456

MINERAL RIGHTS OWNER SAME AS ABOVE

ADDRESS SAME AS ABOVE

OIL AND GAS INSPECTOR FOR THIS WORK _____

ADDRESS _____

PERMIT ISSUED 03/28/80

DRILLING COMMENCED 01/15/81

DRILLING COMPLETED 01/17/81

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VEREAL PERMISSION OBTAINED
ON _____

Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16			
11 3/4 13-16	40'	40'	circulate
9 5/8			
8 5/8	826'	826'	circulate
7			
5 1/2			
4 1/2	3002'	3002'	100 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION GORDON Depth 2940' feet

Depth of completed well 3133 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 35 feet; Salt 750 feet

Coal seam depths: 250' & 750' Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2900-2936 feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow 12 Bbl/d

Final open flow 2 Mcf/d Final open flow 3 Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure 500 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

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

CO₂ Foam 226 bbl. 34,000 lb. 20/40 500 gal. 15% acid
27 perf. 2900-2936

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
K.B. - G.L.			0'	10'	
Sand			10'	85'	Water at 33'
Sand			85'	210'	
Sand, Shale			210'	250'	
Coal			250'	253'	
Sand, Shale			253'	410'	
Red Rock			410'	480'	
Sand, Shale, Red Rock			480'	750'	Salt Water @ 750'
Coal			750'	755'	
Sand, Shale, Red Rock			755'	1000'	
Sand			1000'	1140'	
Shale			1140'	1190'	
Sand			1190'	1470'	
Shale			1470'	1500'	
Sand, Shale			1500'	2103'	
Big Line			2103'	2183'	
Big Injun			2183'	2273'	
Sand, Shale			2273'	2482'	
Weir			2482'	2546'	
Sand, Shale			2546'	2684'	
Gantz			2684'	2714'	
Sand, Shale			2714'	2886'	
<u>Gordon Stray/Gordon</u>			2886'	2946'	
Sand, Shale			2946'	<u>3138'</u> TD	

(Attach separate sheets as necessary)

PETROLEUM DEVELOPMENT CORPORATION, BRIDGEPORT, WV 26330

Well Operator

By: John Mitchell

Date: _____

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAR 31 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE March 28, 1980

Surface Owner Roy Ferrebee

Company Petroleum Development Corporation

Address Star Route, West Union, WV 26456

Address P.O. Box 26 Bridgeport, WV 26330

Mineral Owner Same as above

Farm Roy Ferrebee Acres 141.5

Address _____

Location (waters) Elk Lick Run

Coal Owner Consolidation Coal Company

Well No. TWO (2) Elevation 970'

Address RTS. 48 & 119 Morgantown, WV 26505

District McClellan County Doddridge

Coal Operator _____

Quadrangle Smithburg

Address _____

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 12-15-80.

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, WV 26301

PHONE 622-3871

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

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated September 13 19 78 by Clarence W. Mutchelknaus made to Petroleum Development Corp and recorded on the 3 day of November 19 78 in Doddridge County, Book 105 Page 338

XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

(Sign Name) _____

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Well Operator
PETROLEUM DEVELOPMENT CORPORATION
P.O. Box 26
Street
Bridgeport
City or Town
West Virginia 26330
State

*SECTION 3 ... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-017-2678 PERMIT NUMBER

"I have read and understand the requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____

BLANKET BOND

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO X DRILL DEEPEN FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Unknown _____ NAME Petroleum Development Corporation
 ADDRESS _____ ADDRESS P.O. Box 26 Bridgeport, WV 26330
 TELEPHONE _____ TELEPHONE 304-842-6256
 ESTIMATED DEPTH OF COMPLETED WELL: 3000' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL X GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	40'	40'	Circulate
9 - 5 8			
8 - 5 8	800'	800'	Circulate
5 1/2			
4 1/2		2950'	
3			Perf. Top
2			Perf. Bottom
1 1/2			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 35' FEET SALT WATER 1750' FEET
 APPROXIMATE COAL DEPTHS 250 750
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, 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.

Farm name: Roy Ferrebee Operator Well No: Roy Ferrebee #2

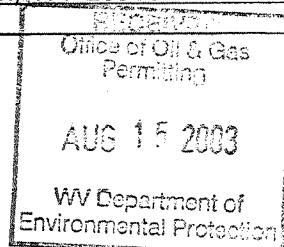
LOCATION: Elevation: 970' Quadrangle: Center Point
District: McClellan County: Doddridge
Latitude: 14,100 Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude: 5,800 Feet West of 80 Deg. 40 Min. 00 Sec.

Well Type: OIL _____ GAS X

Company: Petroleum Development Corporation Coal Operator
103 East Main Street or Owner
Bridgeport, WV 26330
Consol Inc.
1027 Little Indian Creek Road
Morgantown, WV 26505

Agent: Alan Smith Coal Operator or Owner

Permit Issued Date: August 14, 2002



AFFIDAVIT

STATE OF WEST VIRGINIA §
COUNTY OF Doddridge § ss:

Alan Smith and Mike Underwood 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 the above named well operator, and participated in the work of plugging and filling the above well, and Mike Underwood Oil and Gas Inspector representing the Secretary, say that said work was commenced on the 10th day of September, 2002 and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Class A cement	3132'	2802'		
6% Gel	2802'	2124'		
Class A cement	2124'	1924'		
6% Gel	1924'	925'	926' of 4.5" casing	2076' of 4.5" casing
Class A cement	925'	725'		826' of 8 5/8" casing
Class A cement	100'	surface		40' of 11 3/4" casing

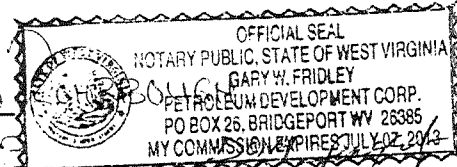
Description of monument: 8 5/8"x30" casing with 2" vent. API# welded on side. and that the work of plugging and filling said well was completed on the 12th day of September, 2002.

And further deponents saith not.

Sworn and subscribe before me this 13th day of August, 2003

My commission expires: July 7, 2013
Alan W. Fridley
Notary Public

Oil and Gas Inspector: [Signature] 4/28/03



This part
8/22/03