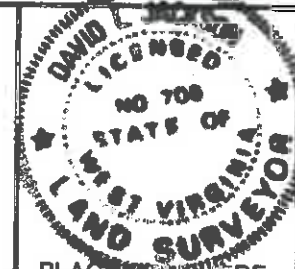


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road Junction 1200'
SW of Location: elev. 1184'

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) David D. Jackson
 R.P.E. _____ L.L.S. 708



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

DATE July 28, 19 94
 OPERATOR'S WELL NO. John Stout No. 1
 API WELL NO. _____

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

LOCATION: ELEVATION 1169' WATERSHED Big Battle Run
 DISTRICT McClellan COUNTY Doddridge
 QUADRANGLE Smithburg 7 1/2' Centerpoint C

SURFACE OWNER Useba F. & Dorris E. Ford ACREAGE 50
 OIL & GAS ROYALTY OWNER John & Helen Stout LEASE ACREAGE 110
 LEASE NO. 485700

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Benson ESTIMATED DEPTH 5000 6-6 99 SEP 2 1994
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 687 ADDRESS P.O. Box 26, Bridgeport, WV 26330

FORM WW-6

COUNTY NAME
 PERMIT

WR-35 RECEIVED
 WV Division of
 Environmental Protection
 OCT 13 1994

26-Aug-94
 API # 47- 17-04151

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

Well Operator's Report of Well Work

Farm name: FORD, USEBA F. & DORRIS E Operator Well No.: JOHN STOUT #1

LOCATION: Elevation: 1,169.00 Quadrangle: SMITHBURG

District: MCCLELLAN County: DODDRIDGE
 Latitude: 7080 Feet South of 39 Deg. 22Min. 30 Sec.
 Longitude: 5290 Feet West of 80 Deg. 37 Min. 30 Sec.

Company: PETROLEUM DEVELOPMENT COR
P. O. BOX 26
BRIDGEPORT, WV 26330-0026

Agent: ERIC R. STEARNS

Inspector: MIKE UNDERWOOD
 Permit Issued: 09/02/94
 Well work Commenced: 09/12/94
 Well work Completed: 09/18/94
 Verbal Plugging
 Permission granted on: _____
 Rotary x Cable _____ Rig _____
 Total Depth (feet) 5379'
 Fresh water depths (ft) _____
87; 592
 Salt water depths (ft) _____
n/a
 Is coal being mined in area (Y/N)? N
 Coal Depths (ft): n/a

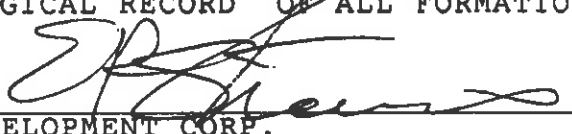
Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	176'	176'	185 sks
8 5/8"	1849'	1849'	450 sks
4 1/2"	5343'	5343'	550 sks

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 5184-5187
 Gas: Initial open flow 15 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 335 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 1450 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: PETROLEUM DEVELOPMENT CORP.
 By: Eric R. Stearns
 Date: October 10, 1994

OCT 20 1994

JOHN STOUT #1

STAGE	FORMATION	PERFS	80/100 SKS	20/40 SKS	ACID GAL	N2 (MCF)
st	Benson	13 (5184' - 5187')	50	350	500	70

W E L L L O G

FORMATION	TOP FEET	BOTTOM FEET	REMARKS: FRESH & SALT WATER, COAL, OIL & GAS
MB - GL	0	10	
sand, shale, RR	10	1780	3/4" stream water @87'
Maxton	1780	1840	
sand, shale	1840	2069	1/2" stream water @592'
Big Lime	2069	2192	
sand, shale	2192	2196	gas chk @ 2153' NO SHOW
Big Injun	2196	2288	
sand, shale	2288	2450	
Weir	2450	2544	gas chk @ 2248' 6/10 -1" w/water
sand, shale	2544	2626	
Berea	2626	2670	gas chk @ 2404' NO SHOW
sand, shale	2670	2820	gas chk @ 2743' 2/10 -1" w/water
Gordon	2820	2862	
sand, shale	2862	3130	gas chk @ 39900' 2/10 -1" w/water
5th	3130	3190	
sand, shale	3190	3520	gas chk @ 5073' 4/10 -1" w/water
Warren	3520	3607	
sand, shale	3607	3840	
Speechley	3840	4232	gas chk @ 5173' 2/10 -1" w/water
sand, shale	4232	4250	
Balltown	4250	4579	
sand, shale	4579	4590	
Bradford	4590	4732	
sand, shale	4732	4931	gas chk @ 5297' 2/10 -1" w/water
Riley	4931	5063	
sand, shale	5063	5190	gas chk @ TD 2/10 -1" w/water
Benson	5190	5252	gas chk @ Collars 2/10 -1" w/water
sand, shale	5252	5355	Driller TD
		5379	Logger TD

19615'

RECEIVED WY Division of Environmental Protection AUG 17 1994

1) Date: August 15, 1994
2) Operator's well number John Stout #1
3) API Well No: 47 - 017 - 4151 State - County - Permit

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

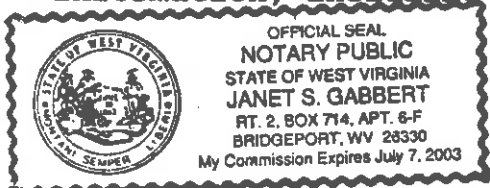
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: (a) Name Useba F. and Dorris E. Ford Address Rt. 2, Box 148 Salem, WV 26426
5) (a) Coal Operator: Name Address (b) Coal Owner(s) with Declaration Name Reserve Coal Properties Company Address 1800 Washington Road Pittsburgh, PA 15241
6) Inspector Mike Underwood Address Rt. 2, Box 135 Salem, WV 26426 Telephone (304)-782-1043
(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) x 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 PETROLEUM DEVELOPMENT CORPORATION By: [Signature] Its: Geologist Address P O Box 26, Bridgeport, WV 26330 Telephone 304-842-6256

Subscribed and sworn before me this 15th day of August, 1994 Janet S. Gabbert Notary Public My commission expires July 7, 2003

RECEIVED

FORM WV Division of Environmental Protection

017-4151
Issued 09/02/94
Page 1 of 1
Expires 09/02/96

AUG 17 1994

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

Permitting

- 1) Office of Oil & Gas: Petroleum Development Corporation 38200 (5) 611
- 2) Operator's Well Number: John Stout #1 3) Elevation: 1169'
- 4) Well type: (a) Oil / or Gas X /
(b) Gas: Production X / Underground Storage /
Deep / Shallow X /
- Proposed Target Formation(s): Benson 435
- Proposed Total Depth: 5500' feet
- Approximate fresh water strata depths: 35' 1565' 1755'
- Approximate salt water depths: none reported
- 9) Approximate coal seam depths: 525'-528' 765'-769'
- 10) Does land contain coal seams tributary to active mine? Yes / No X
- 11) Proposed Well Work: Drill and stimulate new well
- 12)

19615

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#	175'	175'	surface
Fresh Water						0.1c mtd
Coal						
Intermediate	8 5/8"	H-40	20/23#	1800'	1800'	surface
Production	4 1/2"	J-55	10.5#	5500'	5500'	450 sks
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

012282
28

For Division of Oil and Gas Use Only

Fees(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-28 Bond CD (Type) Agen

12