

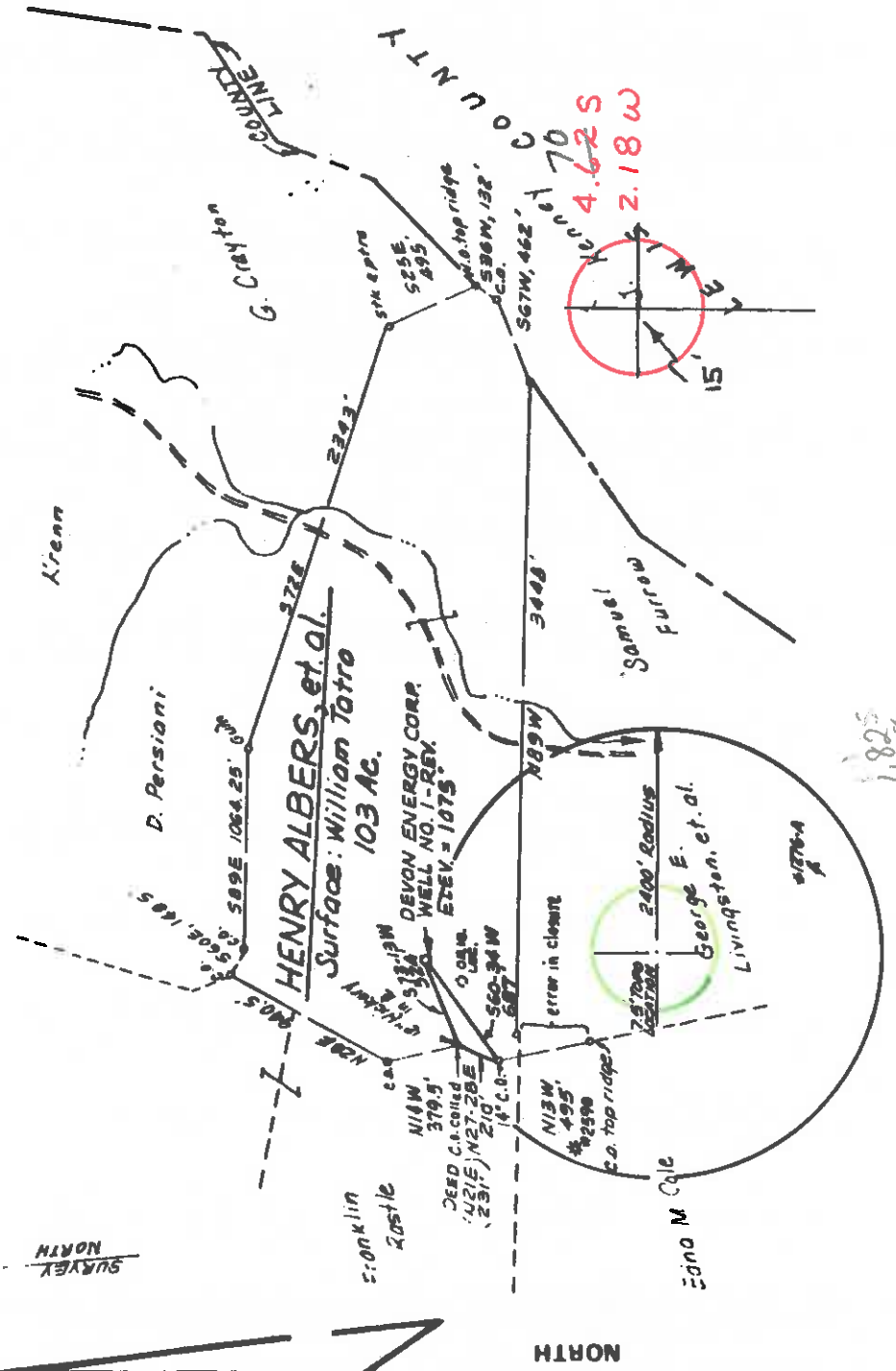
M. A. 10/26/88 Plot Card CSD

11,250

LATITUDE 39°07'55"  
39°10'

LONGITUDE 80°40'00"

SURVEY NORTH



1,825  
1,828  
2,170  
1,170

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION USGS BM RT. 68  
 I. E. OF LOCATION, ELEV. 819

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  
 A.P.E. \_\_\_\_\_ L.L.S. 490

PLACE SEAL HERE

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



DATE OCTOBER 22, 1982  
 OPERATOR'S WELL NO. 2225  
 API WELL NO. ALBERS #1  
47 - 017 - 3170  
 STATE COUNTY PERMIT  
 Formerly: DOD-3158

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 1073 WATER SHED SAND FORK  
 DISTRICT COVE COUNTY DODDRIIDGE

QUADRANGLE YADIS 7.5' of 15' SWC ACREAGE 10.3  
 SURFACE OWNER WILLIAM TATRO LEASE NO. \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER HENRY ALBERS, et al. LEASE ACREAGE \_\_\_\_\_

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 BIG INJUN ESTIMATED DEPTH 2225 6-6  
 WELL OPERATOR DEVON ENERGY CORP DESIGNATED AGENT MR. ART YOUSE Conings (142)  
 ADDRESS PO BOX 1433 - 1207 QUARRIER ST ADDRESS PO BOX 1433-1207 QUARRIER ST

NOV 8 1982





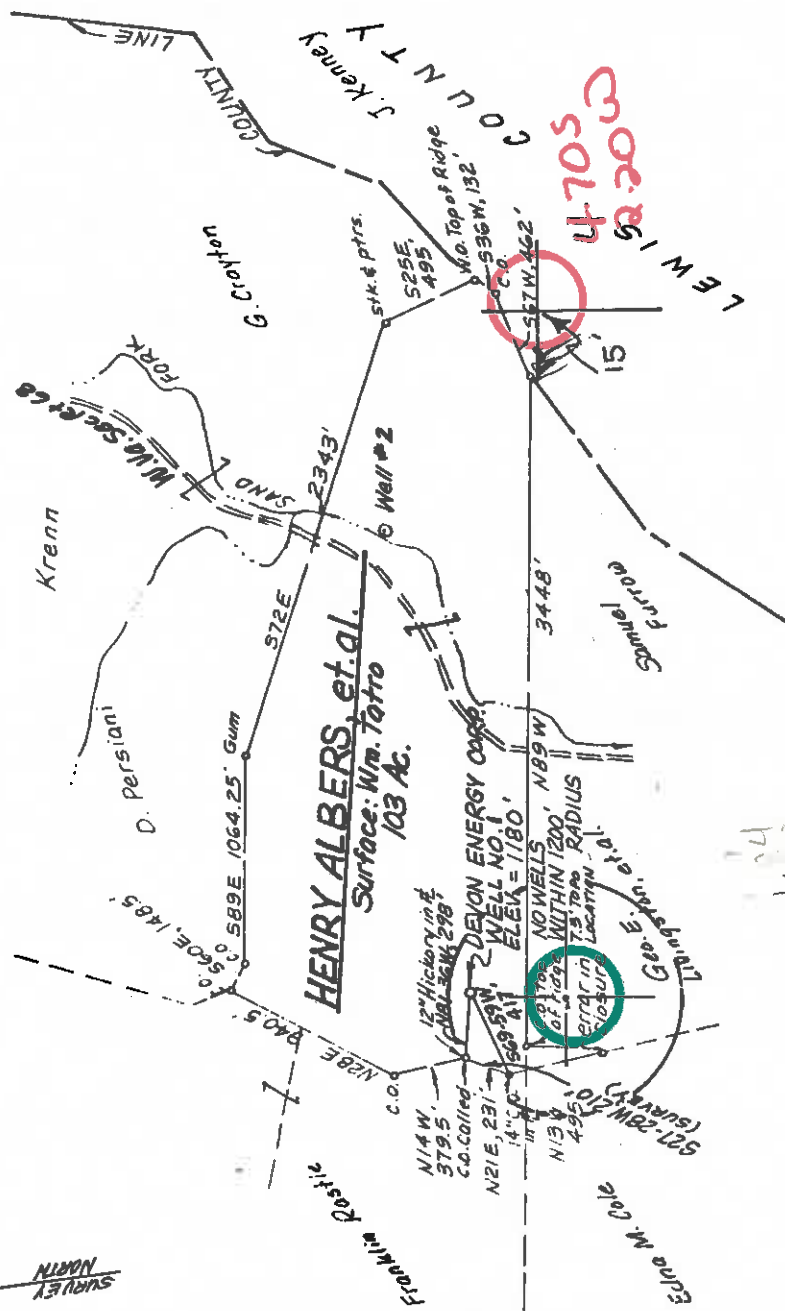
MA. 10/19/82

Plot - Card

11,450'

LATITUDE 59°07'30" 39°10'

LONGITUDE 80°40'00" 9,700'



4705  
82303

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION 1666 BM ON RT. 68  
 1300' E. of LOCATION ELEV. = 819'

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.  
 Mark C. Echard  
 MARK C. ECHARD  
 (SIGNED)  
 R.P.E. \_\_\_\_\_ L.L.S. 490

PLACE SEAL HERE

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



DATE SEPT. 24, 19 82  
 OPERATOR'S WELL NO. 2378 ALBERS  
 API WELL NO. 47-017-3158  
 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 1180', WATER SHED SANDY FURROW  
 DISTRICT COVE COUNTY DODDRIDGE  
 QUADRANGLE VADIS 7.5' x 15' LOC ACREAGE 103  
 SURFACE OWNER WILLIAM TATRO  
 OIL & GAS ROYALTY OWNER HENRY ALBERS, et al. LEASE ACREAGE \_\_\_\_\_  
 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) \_\_\_\_\_  
 OCT 18 1982

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2375  
 WELL OPERATOR DEVON ENERGY CORP. DESIGNATED AGENT MR. ART YOUSE  
 ADDRESS P.O. BOX 1433 - 1207 QUARRIER ST. CHARLESTON, W.VA. 25325

TRASCOR





**RECEIVED**

OCT 24 1983

State of West Virginia

OIL & GAS DIVISION Department of Mines  
DEPT. OF MINES, OIL and Gas Division

Date January 13, 1983  
Operator's Well No. #2328  
Farm Albers #1  
API No. 47 - 017 - 3170

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: 1075 Watershed Sand Fork  
District: Cove County Doddridge Quadrangle Vadis

COMPANY Devon Energy Corporation  
ADDRESS P.O. Box 1433, Charleston, WV 25325  
DESIGNATED AGENT Arthur C. Youse  
ADDRESS P.O. Box 1433, Charleston, WV 25325  
SURFACE OWNER William Tatro  
ADDRESS Vadis, WV 26445  
MINERAL RIGHTS OWNER John Albers, Agent  
ADDRESS Box 405, Kildare, OK 74642  
OIL AND GAS INSPECTOR FOR THIS WORK  
Steve Casey ADDRESS Jane Lew, WV 26378  
PERMIT ISSUED October 29, 1982  
DRILLING COMMENCED November 16, 1982  
DRILLING COMPLETED November 19, 1982  
IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1026	1026	to surface
7			
5 1/2			
4 1/2		2204	200 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Injun Sand Depth 2225 feet  
Depth of completed well 2215 feet Rotary X / Cable Tools  
Water strata depth: Fresh          feet; Salt          feet  
Coal seam depths: None reported Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Injun Sand Pay zone depth 2118 - 2129 feet  
Gas: Initial open flow 62 Mcf/d Oil: Initial open flow          Bbl/d  
Final open flow 2.4 MMCFD Final open flow          Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 850 psig (surface measurement) after 24 hours shut in

**FDF  
2400 MCF**

(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

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.  
 Perforated 4 1/2" casing 2118' to 2129' with 22 shots and 2150' to 2160' with 20  
 shots. Fractured Injun Sand 12/1/82 using 500 gallons 15% HCL, 60,000# sand,  
 660 BBLs water and 102,500 SCF nitrogen.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Sand			0	52	Including indication of all fresh and salt water, coal, oil and gas
Shale			52	228	
Sand			228	236	
Shale			236	400	
Sand			400	445	
Shale			445	620	
Sand			620	656	
Shale			656	860	
Sand			860	888	
Shale			888	979	
Sand			979	990	
Shale			990	1332	
Sand			1332	1375	
Shale			1375	1412	
Sand			1412	1478	
Shale			1478	1600	
Sand			1600	1614	
Shale			1614	1771	
Sand			1771	1813	
Shale			1813	1956	
Little Lime			1956	1992	
Blue Monday			1992	2010	
Pencil Cave			2010	2024	
Big Lime			2024	2080	
Injun Sand			2080	2164	
Shale			2164	2215	
Log Total Depth			2215		

(Attach separate sheets as necessary)

DEVON ENERGY CORPORATION  
 Well Operator

By:

*Art Stover*

Date:

January 13, 1983

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  
 ... encountered in the drilling of a well."

October 6, 1982  
1) Date: \_\_\_\_\_, 19\_\_\_\_  
2) Operator's Well No. \_\_\_\_\_  
3) API Well No. 47 \_\_\_\_\_ State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_



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

DRILLING CONTRACTOR:

4) WELL TYPE: A Oil \_\_\_\_\_ Gas \_\_\_\_\_  
B (If "Gas", Production \_\_\_\_\_) Underground storage \_\_\_\_\_ Deep \_\_\_\_\_ Shallow \_\_\_\_\_  
5) LOCATION: Elevation: \_\_\_\_\_ Watershed: \_\_\_\_\_  
District: \_\_\_\_\_ County: \_\_\_\_\_ Quadrangle: \_\_\_\_\_

6) WELL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_  
11) DESIGNATED AGENT \_\_\_\_\_  
Address \_\_\_\_\_

7) OIL & GAS ROYALTY OWNER \_\_\_\_\_  
Address \_\_\_\_\_  
12) COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_

8) SURFACE OWNER \_\_\_\_\_  
Address \_\_\_\_\_  
13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

9) FIELD SALE (IF MADE) TO: \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

10) OIL & GAS INSPECTOR TO BE NOTIFIED \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
14) COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

15) PROPOSED WORK: Drill \_\_\_\_\_ / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_  
Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
Other physical change in well (specify) \_\_\_\_\_

16) GEOLOGICAL TARGET FORMATION, \_\_\_\_\_  
17) Estimated depth of completed well, \_\_\_\_\_ feet  
18) Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, 1000 feet.  
19) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ No \_\_\_\_\_

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS		
	Size	Grade	Weight per ft.	New	Used			For drilling	Left in well
Conductor	8 7/8		20	X		1175	1175	4	Kind
Fresh water									Size
Coal									Depth set
Intermediate									Perforations:
Production									Top
Tubing									Bottom
Liners									

21) EXTRACTION RIGHTS  
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS  
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No

23) Required Copies (See reverse side.)  
24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: \_\_\_\_\_ Signed: \_\_\_\_\_  
My Commission Expires \_\_\_\_\_ Its: \_\_\_\_\_

OFFICE USE ONLY  
DRILLING PERMIT

Permit number \_\_\_\_\_ Date \_\_\_\_\_

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires \_\_\_\_\_ unless drilling is commenced prior to that date and prosecuted with due diligence.  
Bond: \_\_\_\_\_ Agent: \_\_\_\_\_ Plat: \_\_\_\_\_ Casing Fee \_\_\_\_\_  
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.



Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

.....  
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_, By \_\_\_\_\_  
Its \_\_\_\_\_

- 1) Date: \_\_\_\_\_, 19\_\_
- 2) Operator's Well No. #2528 Alberts #1
- 3) API Well No. 47 State VA County Shallow Permit XXXX



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

DRILLING CONTRACTOR:

WVA Drilling Co.  
Shallow, Va. Va.

- 4) WELL TYPE: A Oil  Gas  Production  Undergrnd storage  Deep  Shallow
- 5) LOCATION: Elevation: 1070 Watershed: Shallow Fork Quadrangle: VAUS 7-1/2
- 6) WELL OPERATOR: District: Shallow County: Shallow Address: Shallow, Va. Va.

- 7) OIL & GAS ROYALTY OWNER: Henry Alberts, et al Address: John A. Alberts, Agent, Box 4024, Alton, Va. 24642

- 8) SURFACE OWNER: William Smith Address: General Delivery, VAUS, N. Va. 20445

- 9) FIELD SALE (IF MADE) TO: United Gas Supply Corp. Address: Charleston, N. Va. 25301

- 10) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Stephan Lundy Address: 2528 Alberts #1, Shallow, Va. Va.

- 11) DESIGNATED AGENT: Name: Samuel Fork Address: Shallow, Va. Va.

- 12) COAL OPERATOR: Name: Not Operated Address: Not Operated

- 13) COAL OWNER(S) WITH DECLARATION ON RECORD: Name: \_\_\_\_\_ Address: \_\_\_\_\_

- 14) COAL LESSEE WITH DECLARATION ON RECORD: Name: \_\_\_\_\_ Address: \_\_\_\_\_

- 15) PROPOSED WORK: Drill  Drill deeper  Redrill  Fracture or stimulate   
Plug off old formation  Perforate new formation   
Other physical change in well (specify): Shallow

- 16) GEOLOGICAL TARGET FORMATION, \_\_\_\_\_ feet  
17) Estimated depth of completed well, \_\_\_\_\_ feet  
18) Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.  
19) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes  No

- 20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	Perforations		
Conductor	8-7/8		80		375 SACKS	Kinds
Fresh water						Sizes
Coal					200 SACKS	Depths set
Intermediate						Perforations:
Production						Top
Tubing						Bottom
Liners						

- 21) EXTRACTION RIGHTS: Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

- 22) ROYALTY PROVISIONS: Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No   
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plan and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: \_\_\_\_\_ Signed: \_\_\_\_\_  
My Commission Expires \_\_\_\_\_ Its: \_\_\_\_\_

Permit number 47-2528-3170 OFFICE USE ONLY 19 Date \_\_\_\_\_

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires \_\_\_\_\_ unless drilling is commenced prior to that date and prosecuted with due diligence.  
Bond: \_\_\_\_\_ Agent: \_\_\_\_\_ Plat: \_\_\_\_\_ Casing: \_\_\_\_\_ Fee: \_\_\_\_\_  
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:  
(1) A brief description of the tract of land including the district and county wherein the tract is located;  
(2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;  
(3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;  
(4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

.....  
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator \_\_\_\_\_/owner \_\_\_\_\_/lessee \_\_\_\_\_/of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_ By \_\_\_\_\_  
Its \_\_\_\_\_