



NORTH

WHEELING DOLLAR SAVINGS & TRUST CO.

Surface: Ross Bucher, et. ux. 101.59 Ac.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 1550'± NE OF LOCATION, ELEV. = 1310'

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
 (SIGNED) MARK C. ECHARD
 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 NOVEMBER 9, 1982
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47-103-1270
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

NOV 22 1982

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1135' WATER SHED BRUSH RUN
 DISTRICT GREEN COUNTY WETZEL
 QUADRANGLE PINE GROVE 7.5' Littleton 15' SW
 SURFACE OWNER ROSS BUCHER, et. ux. ACREAGE 101.59 of 317.83
 OIL & GAS ROYALTY OWNER WHEELING DOLLAR SAVINGS & TRUST CO. LEASE ACREAGE .537

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 BROWN SHALE ESTIMATED DEPTH 4600' DPD - Balltown; also SPDs - 5th, Warren
 WELL OPERATOR CHARLES R. TATUM DESIGNATED AGENT DAVID GOLDENBERG
 ADDRESS 1901 E. LAMBERT RD, SUITE 108 ADDRESS 205 - 4TH STREET
LA HABRA, CALIFORNIA 90631 PARKERSBURG, W.VA. 26101



IV-35
(Rev 8-81)

Date 12-20-82
Operator's Wheeling Dollar Sav
Well No. and Trust Bank #1
Farm Ross Bucher
API No. 47 - 103 - 1270

State of West Virginia
Department of Mines
Oil and Gas Division

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

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

LOCATION: Elevation: 1135 Watershed Brush Run
District: Green County Wetzel Quadrangle Pine Grove 7.5

COMPANY Charles R. Tatum
ADDRESS 1901 E. Lambert Rd. Suite 108
DESIGNATED AGENT David Goldenberg
ADDRESS 205 4th St Parkersburg
SURFACE OWNER Ross Bucher
ADDRESS Reader, W.Va.
MINERAL RIGHTS OWNER Wheeling Dollar Savings and Trust Bank #1
ADDRESS Bank Plaza Wheeling, W.Va. 26003
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS General Delivery Middleburne
PERMIT ISSUED 10-25-82
DRILLING COMMENCED 12-04-82
DRILLING COMPLETED 12-10-82

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	60'	60'	60'
9 5/8			
8 5/8	2400	2400	2400
7			
5 1/2			
4 1/2	4255	4255	4255
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Balltown Depth 4110 feet
Depth of completed well 4394 feet Rotary x / Cable Tools
Water strata depth: Fresh 2330 feet; Salt feet
Coal seam depths: 500' Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Balltown, Warren Pay zone depth 4204-3582 feet
Gas: Initial open flow 127 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 13 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 6 hours
Static rock pressure 500 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)
Second producing formation 50 ft 5th Gordon Pay zone depth 3208-3220 feet
Gas: Initial open flow Same Mcf/d Oil: Initial open flow Same Bbl/d
Final open flow A) Above Mcf/d Oil: Final open flow as Above Bbl/d
Time of open flow between initial and final tests S.A.R. hours
Static rock pressure psig (surface measurement) after hours shut in

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

Used 2 million cubic feet of nitrogen in fracturing Gordon, 5th sand, Warren, Balltown

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fres and salt water, coal, oil and ga
Coal Black			500	550	Coal
Squaw Injun			2300	2330	Water
Berea			2686	2700	Oil and Gas
Gordon			2912	2932	Oil and Gas
5th Sand			3208	3220	Oil and Gas
Warren			3582	3680	Gas
<u>Balltown</u>			3996	4204 T.D.	Oil and Gas
			T.D. 4394		$\begin{array}{r} 2932 \\ +1225 \\ \hline 4157 \end{array}$ $\begin{array}{r} 4394 \\ -4157 \\ \hline 237 \text{ Expl. flg.} \end{array}$

(Attach separate sheets as necessary)

Charles R. Tatum
Well Operator

Charles R. Tatum II

By: Charles R. Tatum II ; Attorney-in-fact

Date: 12-20-82

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic



1) Date: 29 Dec, 1982
 2) Operator's Wheeling Dollar
 Well No. Savings & Loan # 1
 3) API Well No. 47 103 1270
 State WV County Putnam Permit 1270

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil gas / Gas gas /
 B (If "Gas", Production gas / Underground storage gas / Deep gas / Shallow gas /)
- 5) LOCATION: Elevation: 200 1125' Watershed: Brush Run
 District: Green County: Putnam Quadrangle: Mine Grove 7.1
- 6) WELL OPERATOR Charles H. Dalton 11) DESIGNATED AGENT David Galenberry
 Address 1901 East Lambert Road Address 101 4th Street
Suite 101 La Habra, Calif. 92631 Putnam, W.V. 26101
- 7) OIL & GAS ROYALTY OWNER Wheeling Dollar Savings & Loan 12) COAL OPERATOR
 Address Bank Plaza Address _____
Wheeling, W.V. 26101
- 8) SURFACE OWNER Tom & Torie Tucker 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Reador, W.V. Name Wheeling Dollar Savings & Trust
 Acreage 101.94 A Address Bank Plaza
Wheeling, W.V. 26101
- 9) FIELD SALE (IF MADE) TO:
 Address Columbia Gas Name Same as 12 & 13
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert A. Lovelace 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address General Delivery Name _____
Clarksburg, W.V. 26104 Address _____
- 15) PROPOSED WORK: Drill 30' / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Brown Shale
- 17) Estimated depth of completed well, 4600' feet
- 18) Approximate water strata depths: Fresh, 30' feet; salt, _____ feet.
- 19) Approximate coal seam depths: 200' Is coal being mined in the area? Yes _____ / No yes /

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	<u>11 3/4</u>			<u>X</u>		<u>30'</u>	<u>30'</u>	<u>To surface</u>	Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 7/8</u>			<u>X</u>		<u>800'</u>	<u>800'</u>	<u>To surface</u>	
Production	<u>4 1/2</u>			<u>X</u>		<u>4600</u>	<u>4600</u>	<u>1100 3/8</u>	Depths set
Tubing									
Liners									Perforations: Top Bottom

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 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 47-103-1270

Date 1982

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 July 12, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
				<u>790</u>

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.

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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 _____