



1) Date: 25 Oct., 1982  
 2) Operator's Wheeling Dollar  
 Well No. Saving & Loan # 1  
 3) API Well No. 47 103 1270  
 State            County            Permit           

DRILLING CONTRACTOR:

Fox Drilling Co. Inc.  
Glenville, W.V.

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil XXX / Gas XXX /  
 B (If "Gas", Production XXX / Underground storage            / Deep            / Shallow XXX /)
- 5) LOCATION: Elevation: 790' 1135' Watershed: Brush Run  
 District: Green County: Wetzel Quadrangle: Pine Grove 7.5
- 6) WELL OPERATOR Charles R. Tatum 11) DESIGNATED AGENT David Goldenberg  
 Address 1901 East Lambert Road Address 205 4th Street  
Suite 108 La Habra, Calif. 90631 Parkerburg, W.C. 26101
- 7) OIL & GAS ROYALTY OWNER Wheeling Dollar Saving & Trust 12) COAL OPERATOR             
 Address Bank Plaza Address             
Wheeling, W.V. 26003  
 Acreage 537 A
- 8) SURFACE OWNER Ross & Roxie Bucher 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Reader, W.V. Name Wheeling Dollar Saving & Trust  
 Address Bank Plaza  
Wheeling, W.V. 26003  
 Name Same as O & G  
 Address
- 9) FIELD SALE (IF MADE) TO: 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Address Columbia Gas Name             
 Address            Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Robert A. Lowther  
 Address General Delivery  
Middlebourne, W.V. 26149
- 15) PROPOSED WORK: Drill XXX / 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 OIL & GAS DIVISION  
 17) Estimated depth of completed well, 4600' feet DEPT. OF MINES  
 18) Approximate water strata depths: Fresh, 80' feet; salt,            feet.  
 19) Approximate coal seam depths: 300' Is coal being mined in the area? Yes            / No XXX /

RECEIVED  
 SEP 27 1982

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	11 3/4			X		30'	30'	To Surface	Kinds	
Fresh water										
Coal									Sizes	
Intermediate	8 5/8			X		800'	800'	To Surface		
Production	4 1/2			X		4600	4600	1000 SKS	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: Jane Varner State of West Virginia County of Wood  
 My Commission Expires March 19, 1985  
 Signed: Charles R. Tatum by his Attorney  
 Its: IN-FACT Charles R. Tatum II

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-103-1270 Date November 12 1982  
09/08/2023

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: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u>M. J.</u>	Casing: <u>M. J.</u>	Fee: <u>790</u>
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 Administrator, Office of Oil and Gas



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

09/08/2023

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 \_\_\_\_\_



State of West Virginia  
 Department of Mines  
 Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

OWNER NAME Charles R. Tatum  
1901 EAST LAMBERT RD, SUITE 108  
 Address LA HABRA, CA. 90631  
 Telephone (213) 694-8492

DESIGNATED AGENT DAVID GOLDENBERG  
205 4th Street  
 Address PARKERSBURG, W.VA. 26101  
 Telephone 485-4516

LANDOWNER Ross Bucher  
 Revegetation to be carried out by Charles R. Tatum (Agent)

SOIL CONS. DISTRICT UPPER OHIO

This plan has been reviewed by Upper Oh. O SCD. All corrections  
 and additions become a part of this plan: 11/9/82  
 (Date)  
Kenneth R. Mason  
 (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>EARTHEN &amp; STONE</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing _____	Material <u>EARTHEN</u>
Page Ref. Manual <u>2-14</u>	Page Ref. Manual <u>(2-12)</u>
Structure <u>Drainage Ditch</u> (B)	Structure <u>Rock-Rip-Rap</u> (2)
Spacing _____	Material <u>Rock</u>
Page Ref. Manual <u>(2-10) (6)</u>	Page Ref. Manual <u>(2-16) (C-4)</u>
Structure <u>CROSS DRAINS</u> (C)	Structure <u>Pit</u> (3)
Spacing <u>2% every 250'</u>	Material <u>EARTHEN</u>
<u>15% every 60' &amp; 20% every 45'</u>	Page Ref. Manual <u>N/A</u>
Page Ref. Manual <u>(2-1) (2-4)</u>	

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I  
 Lime \_\_\_\_\_ 2 Tons/acre  
 or correct to pH 6.5  
 Fertilizer 600 lbs/acre  
 (10-20-20 or equivalent)  
 Mulch (HAY) 2 Tons/acre  
 Seed ORCHARD GRASS/TIMOTHY 12 lbs/acre  
Red Clover 8 lbs/acre  
 \_\_\_\_\_ lbs/acre

Treatment Area II  
 Lime \_\_\_\_\_ 2 Tons/acre  
 or correct to pH 6.5  
 Fertilizer \_\_\_\_\_ 600 lbs/acre  
 (10-20-20 or equivalent)  
 Mulch (HAY) 2 Tons/acre  
 Seed ORCHARD GRASS/TIMOTHY 12 lbs/acre  
Red Clover 12 lbs/acre  
 \_\_\_\_\_ lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY MARK C. ECHARD  
Star Rte 71, Box 6

NOTES: Please request landowners' cooperation to protect new

ADDRESS Glennville, W.Va. 26351  
617-5565





TRACE OR PHOTOCOPY SECTION OF  
 REVISED TOPOGRAPHIC MAP.

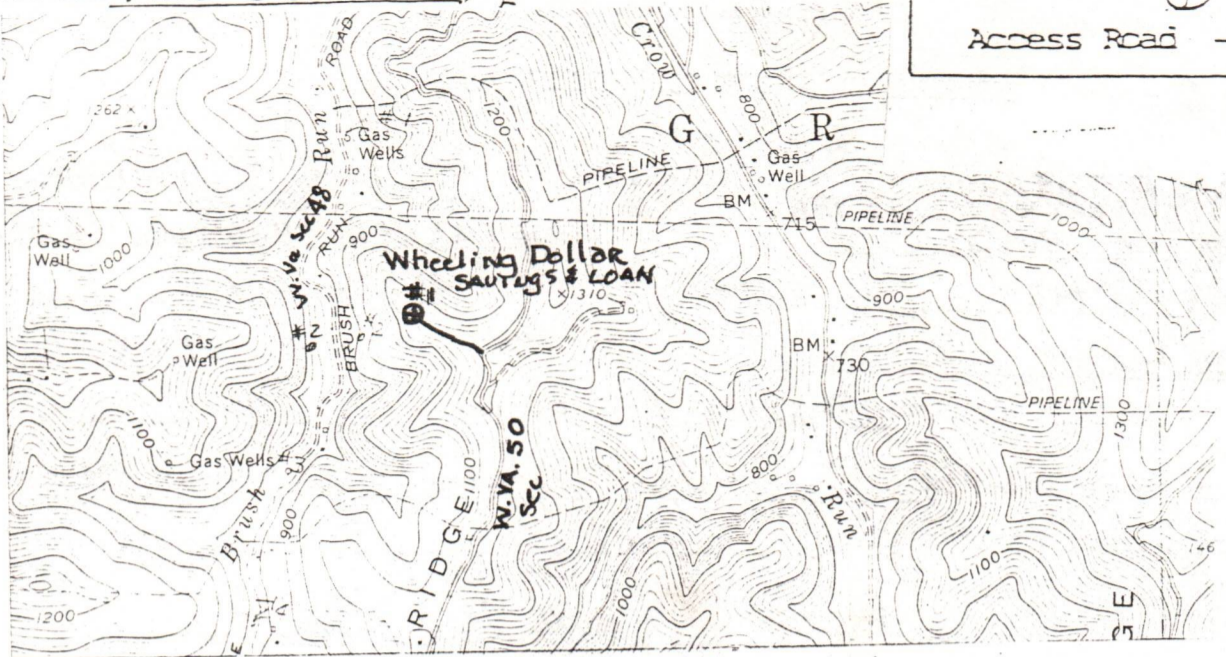
PINE GROVE 7.5

To Reader

**LEGEND**

Well Site 


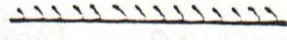
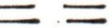









Access Road 

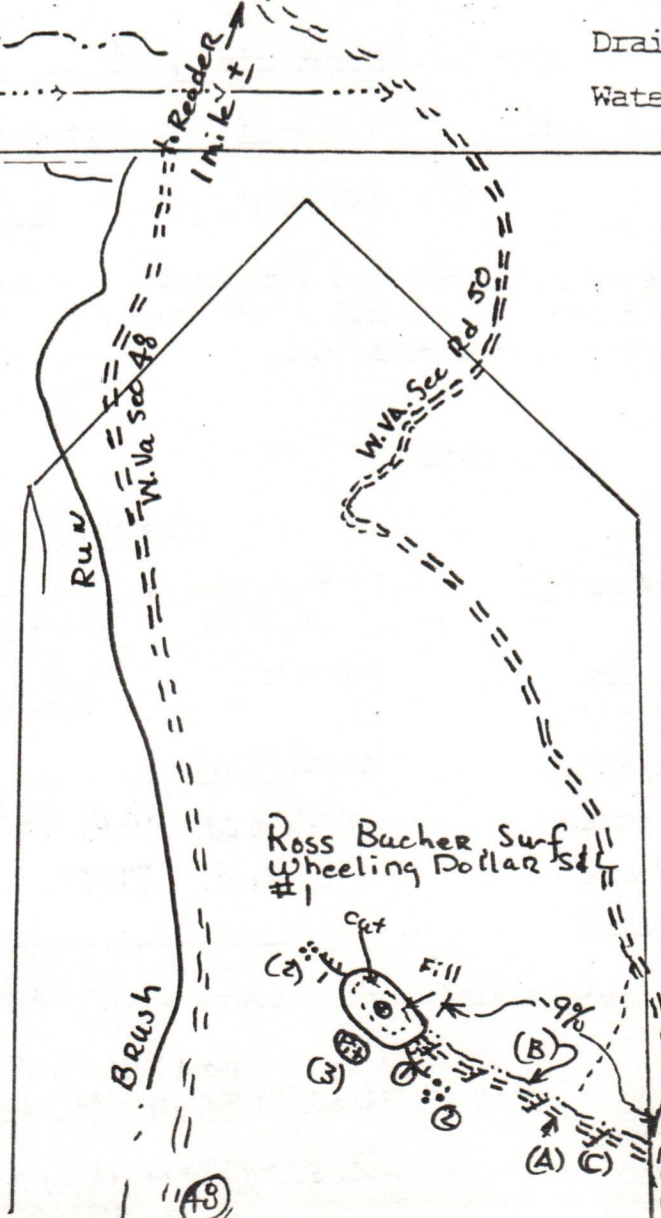


WELL SITE PLAN

... to include well location, existing access road, roads to be constructed, wellsite, ...  
 ... pits and necessary structures numbered or lettered to correspond with the first ...  
 ... of this plan. Include all natural drainage.

**LEGEND**

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



09/08/2023



# OIL AND GAS LEASE

EMENT, made and entered into this 5th. day of June A. D. 19 81  
and between Wheeling Dollar Savings and Trust Company, A West Virginia  
Corporation BY: Mr. Robert C. Hazlett, Chairman of the Board

of Bank Plaza, Wheeling, WV 26003 party of the first part, hereinafter called Lessor (whether one or more),  
and Charles R. Tatum 1901 East Lambert Road Suite 108 La Habra, California 90631 party of the second part, hereinafter called Lessee

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in Green District, County of Wetzel, State of West Virginia and described as follows, to-wit: Bounded on the

NORTH by lands of see attached deed for legal description  
EAST by lands of see attached deed for legal description  
SOUTH by lands of see attached deed for legal description  
WEST by lands of see attached deed for legal description

Containing 537 acres, more or less and being the same land conveyed to lessor by Citizens Mutual Trust Company by deed dated 29th. of April 1939 and recorded in said county records in Wetzel County Deed Book No. 147 Page 251

2. It is agreed that this lease shall remain in force for a primary term of five (5) years from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof.

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth ( $\frac{1}{8}$ ) part of all oil produced and saved from the leased premises, and shall pay Lessor

Their proportionate share of one-eighth (1/8) of all gas sold and oil saved for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before August 5th., 19 81, unless Lessee pays thereafter a rental of \$2,685.00 for each twelve months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to Wheeling Dollar Savings & Trust Co. direct, or by check payable to its order mailed to Bank Plaza, Wheeling, West Virginia 26003 and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

7. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights-of-way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental at the rate of \$5.00 per acre per year, while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee 09/08/2023 may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

This instrument prepared by: Ross M. Mitchell  
6067 Meadow Wood Lane  
Columbus, Ohio 43228



OLINGAS LANE

RECEIVED

SEP 27 1982

OIL & GAS DIVISION  
DEPT. OF MINES

09/08/2023



This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

Witness the hands and seals of the parties hereto the day and year first above written.  
WITNESS: \_\_\_\_\_  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
Wheeling Dollar Savings & Trust Co.  
BY: Robert C. Hazlett (SEAL)  
Chairman of the Board (SEAL)

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA  
COUNTY OF OHIO, TO-WIT:

The foregoing instrument was acknowledged before me this 19th day of June, 1981, by ROBERT C. HAZLETT, Chairman of the Board, of Wheeling Dollars Savings & Trust Company, a West Virginia corporation, on behalf of the corporation.

William J. Beut  
Notary Public

My commission expires: May 7, 1984

whose name \_\_\_\_\_ signed to the within writing bearing date the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
ha \_\_\_\_\_ this day acknowledged the same before me in my said County.  
Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

My Commission expires \_\_\_\_\_ Notary Public

OHIO ACKNOWLEDGMENT

STATE OF OHIO, }  
COUNTY OF \_\_\_\_\_ } SS.

Before me, a Notary Public in and for said county, personally appeared the above named \_\_\_\_\_

\_\_\_\_\_ who acknowledged  
that \_\_\_\_\_ he \_\_\_\_\_ did sign the foregoing instrument, and that the same is \_\_\_\_\_ free act and deed. In testimony  
whereof I have hereunto subscribed my name at \_\_\_\_\_ this \_\_\_\_\_  
day of \_\_\_\_\_, 19\_\_\_\_

My Commission expires \_\_\_\_\_

Notary Public

RECEIVED  
SEP 27 1982

OIL & GAS DIVISION  
DEPT. OF MINES

RECORDING DATA:

Term \_\_\_\_\_  
County \_\_\_\_\_ State \_\_\_\_\_  
Location \_\_\_\_\_  
Acres \_\_\_\_\_  
Date \_\_\_\_\_ 19\_\_\_\_  
TO \_\_\_\_\_

Globe Form 1003 Rev.  
(Standard Ohio & W. Va.)  
Oil and Gas Lease

09/08/202





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 x / 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 4<sup>th</sup> 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 Middlebourne

PERMIT ISSUED 10-25-82

DRILLING COMMENCED 12-04-82

DRILLING COMPLETED 12-10-82

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"	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			

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 73 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--)

**09/08/2023**

Second producing formation 50 ft Gordon Pay zone depth 3200-2912 feet

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

Final open flow As Above Mcf/d Oil: Final open flow as Above Bbl/d

Time of open flow between initial and final tests S.A.B. hours

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

(Continue on reverse side)

NET 1270



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 fresh and salt water, coal, oil and gas
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
Balltown			3996	4204 T.D.	Oil and Gas

(Attach separate sheets as necessary)

Charles R. Tatum  
 Well Operator

09/08/2023

*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 detailed geological record of all formations, including coal, encountered in the drilling of a well."



RECEIVED

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

DEC - 7 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 103-1270

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Charles Tatum  
 Address LA Habra CA  
 Farm Ross Bacher  
 Well No. 1  
 District Green County Wetzel  
 Drilling commenced 12-2-82  
 Drilling completed \_\_\_\_\_ Total depth 280  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
<u>11 3/4</u>	<u>257</u>	<u>257</u>	Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 11 3/4 SIZE 257 No. FT 12-3-82 Date  
 NAME OF SERVICE COMPANY B. J. Hughes  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_  
Fox Drilling Co Contractor  
 Remarks: Cemented with 120SKS cement, cement returned to surface

12-3-82  
DATE

R.A. Louth 09/08/2023  
DISTRICT WELL INSPECTOR







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

RECEIVED

DEC - 9 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 103-1270

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Charles R Tatum</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>La Habra CA.</u>	Size			
Farm <u>Ross Bacher</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>Green</u> County <u>Wetzel</u>	10			Size of _____
Drilling commenced _____	8 1/4	<u>2384</u>	<u>2384</u>	
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

CASING CEMENTED 8 5/8 SIZE 2384 No. FT. 126-82 Date

NAME OF SERVICE COMPANY B. J. Hughes

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

12-6-82  
DATE

R. A. Lowther  
09/08/2023  
DISTRICT WELL INSPECTOR









**RECEIVED**  
MAY 4 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

**State of West Virginia**  
**Department of Mines**  
**Oil and Gas Division**  
**Charleston 25305**

**FINAL INSPECTION REPORT**  
**INSPECTORS COMPLIANCE REPORT**

COMPANY Charles R Tatum  
1901 East Lambert Rd.  
San Antonio, Cal. 90631

PERMIT NO 103-1270  
FARM & WELL NO Ross Butcher 1  
DIST. & COUNTY Green wetzel

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	✓	
25.04	Prepared before Drilling to Prevent Waste	✓	
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at Wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing	✓	
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strenght	✓	
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R. A. Lowther

DATE May 1, 1984

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...  
Administrator-Oil & Gas Division

May 11, 1984

DATE



**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

OIL & GAS DIVISION  
DEPT. OF MINE

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 103 - 1270 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 d Section of NGPA	3 Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4204 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Charles R. Tatum Name 1901 E. Lambert Rd. Suite 108 Street La Habra CA 90631 City State Zip Code			Seller Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Unnamed Field Name Wetzell W. Va. County State			
(b) For OCS wells:	Area Name		Block Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Date of Lease: _____ Mo. Day Yr. OCS Lease Number Wheeling Dollar Savings and Trust Bank #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corp. Name Buyer Code			
(b) Date of the contract:	_____ Mo. Day Yr.			
(c) Estimated total annual production from the well:	_____ Million Cubic Feet			
	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	Not yet determined		
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	Deregulated		
9.0 Person responsible for this application:	Charles R. Tatum II Name Attorney-in-fact Signature Title Date Application is Completed 12-20-82 Phone Number (213) 694-1047			

FERC-121 (8-82)

Agency Use Only
Date Received by Juris. Agency <b>JAN 3 1983</b>
Date Received by FERC

09/08/2023







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

Date 12-20-82 1982  
Operator's Wheeling Dollar Savings  
Well No. and Trust Bank #1  
API No. 47 - 103 - 1270  
State County Permit

WELL CLASSIFICATION FORM  
HIGH COST GAS WELL - DEVONIAN SHALE

MGPA Section 197

WELL OPERATOR Charles R. Tatum  
ADDRESS 1901 E. Lambert Rd. Suite 108  
La Habra, CA 90631

DESIGNATED AGENT David Goldenberg  
ADDRESS 205 4th St.  
Parkersburg, W.Va. 26101  
LOCATION: Elevation 1135  
Watershed Brush Run  
Dist. Green County Wetzel Quad.

GAS PURCHASER Columbia Gas Trans. Corp.  
ADDRESS P.O. Box 1273  
Charleston W.Va. 25325-1273

Gas Purchase Contract No. N/A - None as yet.  
Meter Chart Code N/A  
Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling began: 12-3-82

Indicate the bottom hole pressure of the well and explain how this was calculated.

See Attached Sheet

AFFIDAVIT

I, Charlie R. Tatum II., having been first sworn according to law, state that, I have calculated the percentage of footage of the producing interval which is not Devonian shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with the application that the well qualifies as a high cost natural gas well.

STATE OF WEST VIRGINIA,  
COUNTY OF Silber, TO WIT:

I, Jerry H. Fox, a Notary Public in and for the state and county aforesaid, do certify that Charlie R. Tatum whose name is signed to the writing above, bearing date the 30 day of December, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 30 day of December, 1982.  
My term of office expires on the 24 day of August, 1988.

Jerry H. Fox  
Notary Public

[NOTARIAL SEAL]

09/08/2023



GAMMA RAY LOG ANALYSIS  
 APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
 PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: Charles R. Tatum Agent: David Goldenberg  
 Type Determination being sought - 107 (Devonian Shale)  
 API Well No.: 47-103-1270 Well Name: Wheeling Dollar Saving + Loan No. 1  
 West Virginia Office of Oil and Gas County: Wetzel  
 References: SJA File No.

Vol. \_\_\_\_\_ Page \_\_\_\_\_ Line \_\_\_\_\_

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 136 \* API Units
2. Remarks:

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 136 \* API Units
2. Calculation:  $0.7 \text{ (GR Value at Base Line)}$   
 $0.7 \text{ (136 *)} = \underline{95.3}$  API Units

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
2710	4416	1706	24

Total Devonian Interval 1706

Total Less Than 0.7 (Shale Base) 24

% Less Than 0.7 (Shale Base Line) =  $\underline{.014} \times 100 = \underline{1.4} \%$

\*Marked on log included with analysis.  
 \*\*Top of Devonian Section Recorded on First Interval in this Column.  
 \*\*\*Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

09/08/2023



STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Charles R. Tatum  
ADDRESS 1901 E. Lambert Rd. Suite 108  
La Habra, CA 90631

DESIGNATED AGENT David Goldenberg  
ADDRESS 205 4th St.  
Parkersburg, W.Va. 26101

Gas Purchase Contract No.            and Date             
Meter Chart Code            (Month, day and year)

Name of First Purchaser Columbia Gas Transmission Corp.

PO BOX 1273  
Charles f w (Street or P. O. Box) W. VA  
           (City)            (State) 25325-1273 (Zip Code)

FERC Seller Code NONE, AS YET

FERC Buyer Code 004030

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 107d Section of NGPA            Category Code 3
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Charles R. Tatum II Attorney-in-fact  
Name (Print)            Title             
Charles R. Tatum II Signature

1901 E. Lambert Rd. Suite 108  
Street or P. O. Box

La Habra, CA 90631  
City State (Zip Code)

213 694-1047  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section            under the Natural Gas Policy Act of 1976 (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the            day of           , 19           , at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No.           

Initial review of information submitted indicates the well  is,  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

JAN 3 1983

Director             
By            09/08/2023  
Title           

are received by  
Jurisdictional Agency



Formula for calculation of Bottom Hole Pressure

$$P_f = P_w e^{XGLS}$$

$P_f$  = Bottom Hole Pressure

$P_w$  = Top Hole Pressure

$e$  = 2.72

$X$  =  $1/53.34 \times AT$  (Absolute Temperature)

$G$  = Specific Gravity

$L$  =  $\frac{\text{Top Perforations} + \text{Bottom Perforations}}{2}$

$S$  = Z Factor (In WVa. = 0.9)

$P_w$  = 500 lbs

$X$  =  $1/53.34 \times (60 + (.0075 \times 4243) + 460) = 0.000033974$

$G$  = .6

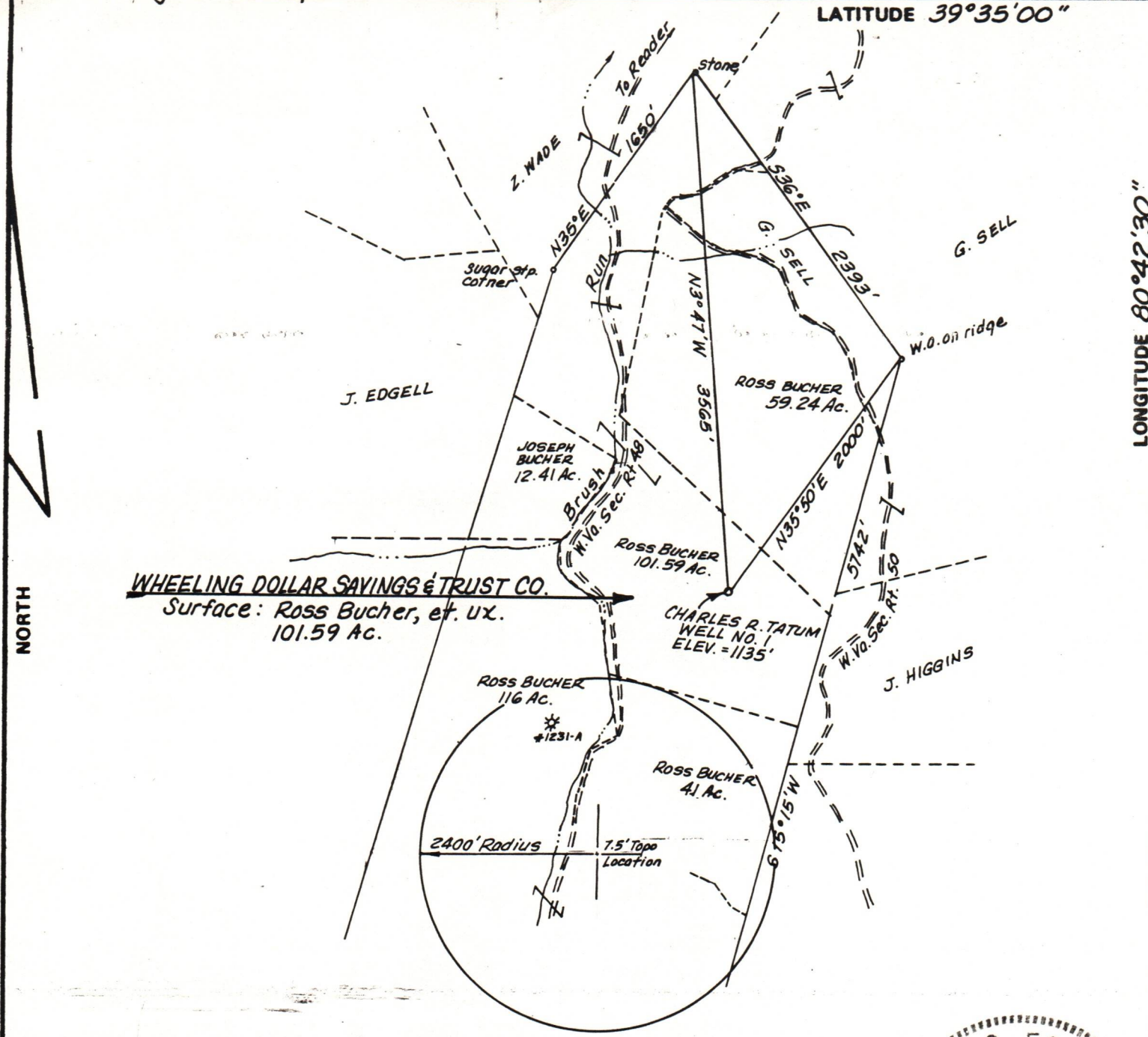
$L$  =  $\frac{4203 + 2912}{2} = 3557.5$

$P_f$  =  $500 \times 2.72^{(.000033974) (.6) (3557.5) (.9)}$

$P_f$  =  $500 \times 1.068$

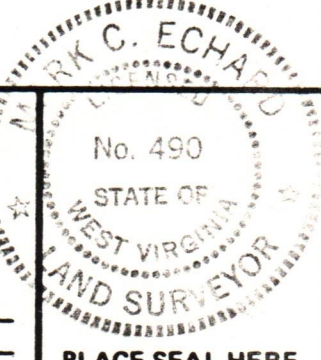
$P_f$  = 534 PSI





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



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



DATE NOVEMBER 9, 19 82  
 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

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'  
 SURFACE OWNER ROSS BUCHER, et. ux. ACREAGE 101.59 of 317.83  
 OIL & GAS ROYALTY OWNER WHEELING DOLLAR SAVINGS & TRUST CO. LEASE ACREAGE .537  
 LEASE NO. \_\_\_\_\_

09/08/2023

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'  
 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



7,550'

LATITUDE 39°35'00"

LONGITUDE 80°42'30"

11,700'

WHEELING DOLLAR SAVINGS & TRUST CO.  
Surface: Ross Bucher, et. ux.  
101.59 Ac.

J. EDGELL

JOSEPH BUCHER  
12.41 Ac.

ROSS BUCHER  
59.24 Ac.

ROSS BUCHER  
101.59 Ac.

CHARLES R. TATUM  
WELL NO. 1  
ELEV. = 1135'

J. HIGGINS

ROSS BUCHER  
116 Ac.

ROSS BUCHER  
41 Ac.

2400' Radius

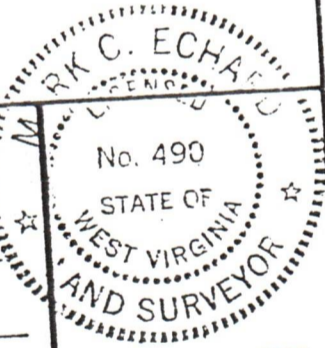
7.5' Topo Location

NORTH

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1/200  
PROVEN SOURCE OF ELEVATION TOP OF KNOB 1550 1/2  
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  
MARK C. ECHARD

(SIGNED) \_\_\_\_\_ L.L.S. 490



PLACE SEAL HERE

DATE NOVEMBER 9, 19 82  
OPERATOR'S WELL NO. ONE  
API WELL NO. 47-103  
STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ PERMIT \_\_\_\_\_

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



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 1135' WATER SHED BRUSH RUN  
DISTRICT GREEN COUNTY WETZEL  
QUADRANGLE PINE GROVE 7.5'  
SURFACE OWNER ROSS BUCHER, et. ux. ACREAGE 101.59 of 317.83  
OIL & GAS ROYALTY OWNER WHEELING DOLLAR SAVINGS & TRUST CO. LEASE ACREAGE 5.37  
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'  
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

09/08/2023