



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 19 1977

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RF

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

DATE November 19, 1977

Surface Owner Marie Slider

Company William Dye Riddle

Address Mt. Zion, W. Va.

Address c/o Paul F. Starr, Inc.

Mineral Owner Slider Heirs

Farm Slider Box 158, Spencer, WV 25276
Acres 18 part of 92

Address c/o Mary Stump, Agent, Box 34,

Location (waters) Intersection Barnes Run &

Grantsville, WV

Daniels Run

Coal Owner NONE

Well No. 1 Elevation 785 ft.

Address _____

District Lee County Calhoun

Coal Operator _____

Quadrangle Arnoldsburg 7.5

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if

operations have not commenced by 4-22-78

Robert H. [Signature]

Deputy Director - Oil & Gas Division

INSPECTOR Richard Morris
TO BE NOTIFIED Robert Bates
Grantsville, 110 Catherine St.
ADDRESS Weston, W. Va. W. Va.
354-7259
PHONE (304)-269-4846

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated October 1, 1977 by Slider Heirs made to William D. Riddle and recorded on the 4th day of November 1977, in Calhoun County, Book 70 Page 61

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

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

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

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

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

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

Address
of
Well Operator

Very truly yours,
(Sign Name) William D. Riddle
Well Operator
c/o Paul F. Starr, Inc.
Box 158
Spencer, WV 25276
City or Town
State _____

12/01/2023

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

BOND DRILL

CAL-2610 PERMIT NUMBER

47-013

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

PROPOSED WORK ORDER TO 2100 ft. DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Paul F. Starr, Inc. _____
 ADDRESS _____ ADDRESS Box 158, Spencer, WV 25276 _____
 TELEPHONE _____ TELEPHONE (304) 927-1430 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2100 ft. _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. X _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16	200 ft.	200 ft.	
13 - 10			
9 - 5/8			
8 - 5/8			
7	1700 ft.		
5 1/2			
4 1/2	2100 ft.	2100 ft.	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET 100 SALT WATER 1600 FEET
 APPROXIMATE COAL DEPTHS None
 IS COAL BEING MINED IN THE AREA? _____ BY WHOM? _____

TO DRILL:

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

TO DRILL DEEPER OR REDRILL:

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

TO FRACTURE - STIMULATE:

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

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

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

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

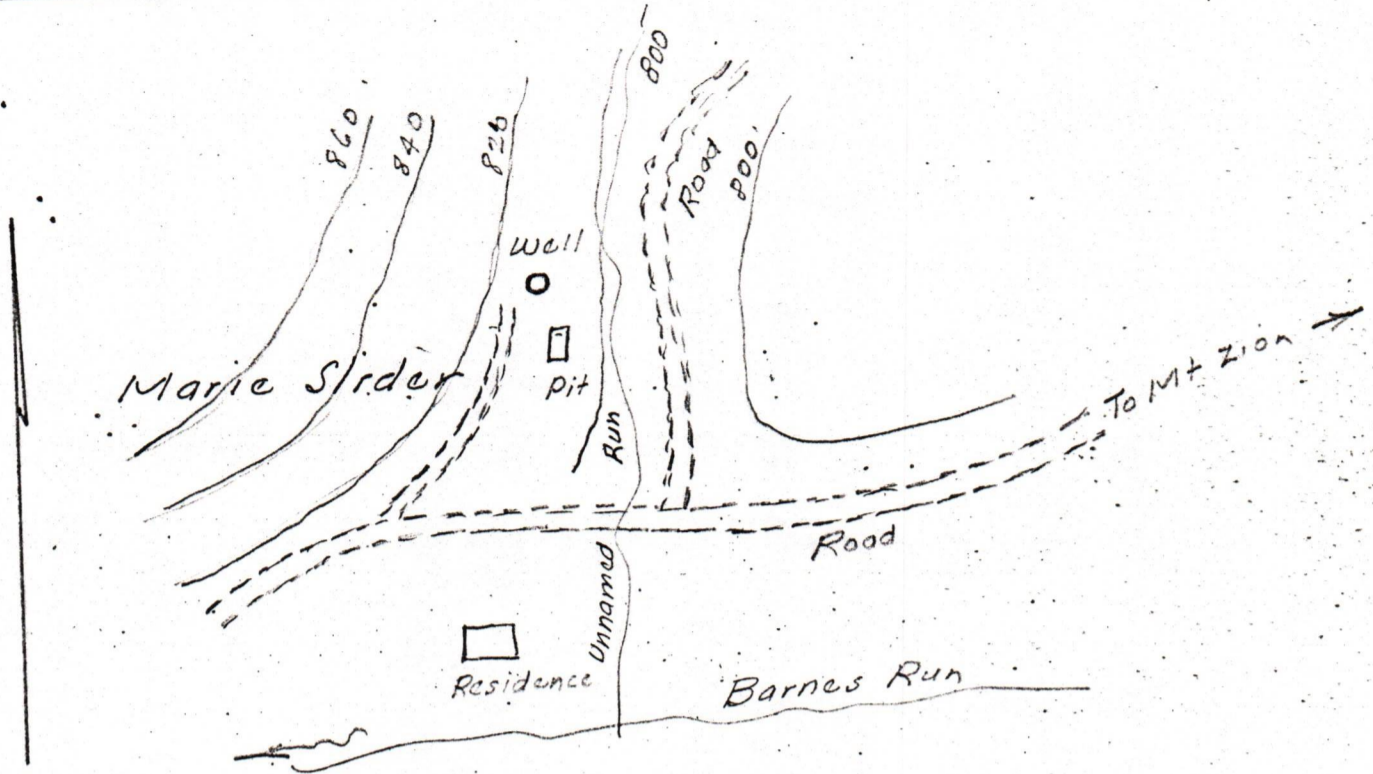
WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the Virginia Code. 12/01/2023

 For Coal Company

 Official Title

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features.



COMPANY NAME William D. Riddle PERMIT NO: Cal-2610

FARM Marie Slider DISTRICT Lee COUNTY Calhoun

STATEMENT OF RECLAMATION PLAN:

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

It is planned to fill that portion of the present garden-on which the location is placed, and to construct a road leading from the present road. Pit will be drained and filled and all disturbed areas will be levelled and seeded after drilling operations are completed.

Residence shown is located 274' from well. No water well is within 250' of well location

RECEIVED

DEC 19 1977

OIL & GAS DIVISION
DEPT. OF MINES

This plan was observed and agreed upon between the well operator, contractor, and the district oil and gas inspector.

Please indicate () "YES" if the district inspector was present. 12/01/2023

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

Submitted By: Pam [Signature] Title Agent Date 12-16-77

OIL AND GAS LEASE

BOOK 070 PAGE 61

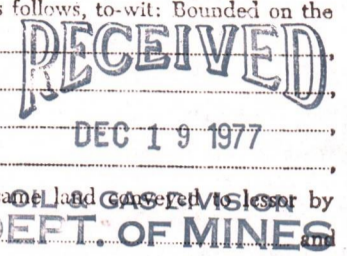
AGREEMENT, made and entered into this 1st day of October A. D. 19 77

by and between J. Russell & Mary Stump; Marie Slider, Single; Paul & Thelma Slider; Richard & Ethel Slider; Delma Rodgers, Single; Jerry Slider & Sandy, his wife; Betty Brown & Arnold, her husband; Nell Greene, Single; Mildred Neiswarner & , her husband; Kathleen McCullough & , her husband

of party of the first part, hereinafter called Lessor (whether one or more), and William D. Riddle 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 and land hereinafter described in the County of Calhoun, State of West Virginia, and described as follows, to-wit: Bounded on the NORTH by lands of Clifford Starcher EAST by lands of A. Hardman Hrs SOUTH by lands of A. Hardman Hrs WEST by lands of Slider Hrs Containing Ninety-two (92) acres, more or less and being the same land GAS DIVISION by deed dated DEPT. OF MINES recorded in said county records in Book No. Page



2. It is agreed that this lease shall remain in force for a primary term of six months 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 (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor

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 April 1, 19 78, unless lease

~~is otherwise provided for in the lease agreement. The consideration for the above premises, the down payment, shall cover the cost of the contract to drill and produce and store and produce such and store gas as set forth herein and shall be applied to the payment of such storage rights. The Lessee shall pay to the Lessor, or to the order of the Lessor, the sum of one dollar per acre per year, while the premises are leased, and so long as the storage right is exercised. This lease shall be null and void if the Lessee fails to commence operations for a well on the premises on or before the date specified herein, or if the Lessee fails to commence operations for a well on the premises on or before the date specified herein, or if the Lessee fails to commence operations for a well on the premises on or before the date specified herein.~~

5. All moneys coming due hereunder shall be paid or tendered to Mary Stump, Agent direct, or by check payable to his (or her) order mailed to Box 34, Grantsville, W. Va. 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 the right to drill and produce and store and produce such and store gas as set forth herein and shall be applied to the payment of such storage rights. The Lessee shall pay to the Lessor, or to the order of the Lessor, the sum of one dollar per acre per year, while the premises are leased, and so long as the storage right is exercised. This lease shall be null and void if the Lessee fails to commence operations for a well on the premises on or before the date specified herein, or if the Lessee fails to commence operations for a well on the premises on or before the date specified herein, or if the Lessee fails to commence operations for a well on the premises on or before the date specified herein.

8. Lessee further covenants to the Lessor, his heirs and assigns, the right to enter the lease with other leases to form a drilling unit or to be included in the unit and operations which may be adopted for the proper development and enhancement of the lease. This lease is committed to the Lessee's free acceptance of the unit, and the Lessor, his heirs and assigns, shall be bound by the unit as provided in the lease, and the Lessee shall be bound by the unit as provided in the lease, and the Lessee shall be bound by the unit as provided in the lease.

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 at its option 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.

12/01/2023

WELL OPERATOR'S REPORT

Operator's Well No. Slider Lease

[08-78]

OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 47 - 013 - 2610 State County Permit

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

LOCATION: Elevation: 793 Watershed: Barnes Run
District: Lee County: Calhoun Quadrangle: Arnoldsburg

WELL OPERATOR William Dye Riddle
Address P. O. Box 158
Spencer, WV 25276

DESIGNATED AGENT Paul F. Starr, Inc.
Address P. O. Box 158
Spencer, WV 25276

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON Dec. 19, 1977, 19 ___

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED _____, 19 ___)

Name Richard Morris
Address Grantsville, WV 26147

GEOLOGICAL TARGET FORMATION: Injun Depth 1937 feet
Depth of completed well, _____ feet Rotary X / Cable Tools ___
Water strata depth: Fresh, 50 feet; salt, 1675 feet.
Coal seam depths: none Is coal being mined in the area? ___
Work was commenced 12-20, 19 77, and completed 1-8, 19 78.

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	20"			X			210'		Kinds
Fresh water	10"			X		210'	210'	10	Sizes
Coal									
Intermediate									
Production	4 1/2"		10 1/2#	X			1937	65 Sacks	Depths set
Tubing									Perforations:
Liners									Top Bottom

OPEN FLOW DATA

Producing formation Injun Pay zone depth 1838
Gas: Initial open flow, 294 Mcf/d Oil: Initial open flow, 5 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, 375 psig (surface measurement) after 16 hours shut in
[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth 12/01/2023
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 measurement) after _____ hours shut in

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

3 1/2 stick jet 4 1/2" casing 1830-1838 20 shots

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Drilled with rotary Total depth 1937			1830	1838	oil & gas

(Attach separate sheets to complete as necessary)

William Dye Riddle
Well Operator

By Paul J. Star
Its Agent

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."

12/01/2023

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

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JAN 25 1978

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. CA12610

Oil or Gas Well _____
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
																Size			Kind of Packer
<u>Wm. Dye Riddle Co</u>		<u>Slider</u>	<u># 1</u>	<u>Lee</u>	<u>Calhoun</u>	<u>8 Jan 78</u>										16			
																13			
																10			
																8 1/4	8 5/8"	180'	180'
																6 5/8			
																5 3/16			
																3			
																2			

CASING CEMENTED 8 5/8" SIZE 180 No. FT. 8 Jan 78 Date

NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:

8 Jan 78
DATE

[Signature]
DISTRICT WELL INSPECTOR

12/01/2023

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

RECEIVED

JAN 25 1978

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. Cal 2610

Oil or Gas Well _____
(KIND)

Company <u>Wm Dye Riddle</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Slider</u>	16			Kind of Packer _____
Well No. <u>ONE</u>	13			
District <u>Lee</u> County <u>Calhoun</u>	10			Size of _____
Drilling commenced <u>8 JAN 78</u>	8 1/4			
Drilling completed _____ Total depth <u>1650'</u>	6 5/8			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.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: on fluid.

10 JAN 78
DATE

[Signature]
DISTRICT WELL INSPECTOR

12/01/2023

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



APR 23 1986

INSPECTOR'S WELL REPORT

Permit No. 13-2610

11-22-77

Oil or Gas Well _____
(KIND)

Company <u>William D. Riddle</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Mary Slider</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>See</u> County <u>Cal.</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			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.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Release Reclamation

4-19-86
DATE

Paul Mace
DISTRICT WELL INSPECTOR

12/01/2023

1.0 API well number: (If not available, leave blank. 14 digits.)	47-013-2610												
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA												
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	1937 DEPT. OF MINES feet												
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	William Dye Riddle Name P. O. Box 158 Street Spencer, WV 25276 City State Zip Code												
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells: (35 letters maximum for field name.)	Barnes Run Field Name Calhoun WV County State												
(b) For OCS wells:	Area Name: _____ Block Number: _____ Date of Lease: Mo. Day Yr. OCS Lease Number: _____												
(c) Name and identification number of this well: (35 letters and digits maximum.)	Slider Lease												
(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.)	Consolidated Gas Supply Corp. 004228 Name Buyer Code												
(b) Date of the contract:	Contract being Negotiated Mo. Day Yr.												
(c) Estimated annual production:	_____ MMcf.												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU) MCF</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices (Indicate (+) or (-).)</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> </tr> <tr> <td style="text-align: center;">2.352</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">2.352</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU) MCF	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)	---	---	---	---	2.352	---	---	2.352
(a) Base Price (\$/MMBTU) MCF	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)										
---	---	---	---										
2.352	---	---	2.352										
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.352												
9.0 Person responsible for this application:	William Dye Riddle Operator Name Title <i>William Dye Riddle</i> Signature JUN 25 1979 (304) 927-1430 Date Application is Completed Phone Number												

Agency Use Only
Date Received by Juris. Agency
JUN 26 1979
Date Received by FERC

12/01/2023

PARTICIPANTS:

DATE:

JAN 30 1980

BUYER-SELLER CODE

WELL OPERATOR: William Dye Riddle

016004

FIRST PURCHASER: Consolidated Gas Supply Corp.

004228

OTHER:

Qualifies as Section 103, new natural gas production well

Printed

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

790 626-103-013-2610

Use Above File Number on all Communications Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. _____
 - 2 IV-1 - Agent Paul F. Starr
 - 3 IV-2 - Well Permit
 - 4 IV-6 - Well Plat
 - 5 IV-35- Well Record Drilling Deepening
 - 6 IV-36- Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
 - 7 IV-39- Annual Production No Prod years
 - 8 IV-40- 90 day Production _____ Days off Line: _____
 - 9 IV-48- Application for Certification. Complete?
 - 10 - 17 IV Form #51 - 52 - 53 - ~~54~~ - 55 - 56 - 57 - 58. Complete Affidavit Signed
 - 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
 - (5) Date commenced: _____ Date Completed: 12/20/77-1/8/78 Deepened: _____
 - (5) Production Depth: 1838
 - (5) Production Formation: Injun
 - (5) Final OPEN FLOW: _____
Initial Potential: 294 mcf/d
 - (5) After ~~Static~~ R.P. FRAC Initially: 375 #
 - (6) Other Gas Test: _____
 - (7) Avg. Daily Gas from Annual Production: No Prod
 - (8) Avg. Daily Gas from 90-day ending 1-120 days: " "
 - (8) Line Pressure: None PSIG from Daily Report
 - (5) Oil Production: Yes From Completion Report 1830/1020
 - (10-17) Does lease inventory indicate enhanced recovery being done: 12/01/2023
 - (10-17) Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional Information _____ Does computer program confirm? _____
- Was Determination Objected to? _____ By Whom? _____

P.L.

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

Date June 25, 1979

Operator's Well No. Slider Lease

API Well No. 47 - 013 - 2610
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Paul F. Starr, Inc.

ADDRESS P. O. Box 158
Spencer, WV 25276

WELL OPERATOR William Dye Riddle
ADDRESS P. O. Box 158
Spencer, WV 25276

LOCATION: Elevation 793
Watershed Barnes Run
Dist. Lee County Calhoun Quad Arnoldsburg

GAS PURCHASER Consolidated Gas Supply
ADDRESS 445 West Main St.
Clarksburg, WV 26301

Gas Purchase Contract No. Contract being negotiated
Meter Chart Code _____
Date of Contract _____

* * * * *

Date surface drilling was begun: 1/8/78

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

46/10 ths Merc.
1/4" Flow
Rock Pressure 375 - 16 hrs.
294 MCF

AFFIDAVIT

I, William Dye Riddle, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

William Dye Riddle

STATE OF WEST VIRGINIA,

COUNTY OF Ross, TO WIT:

I, Paul Starr, a Notary Public in and for the state and county aforesaid, do certify that William Dye Riddle, whose name is signed to the writing above, bearing date the 25 day of June, 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25 day of June, 1979.

My term of office expires on the 10 day of September, 1980.

[NOTARIAL SEAL]

Paul Starr
Notary Public

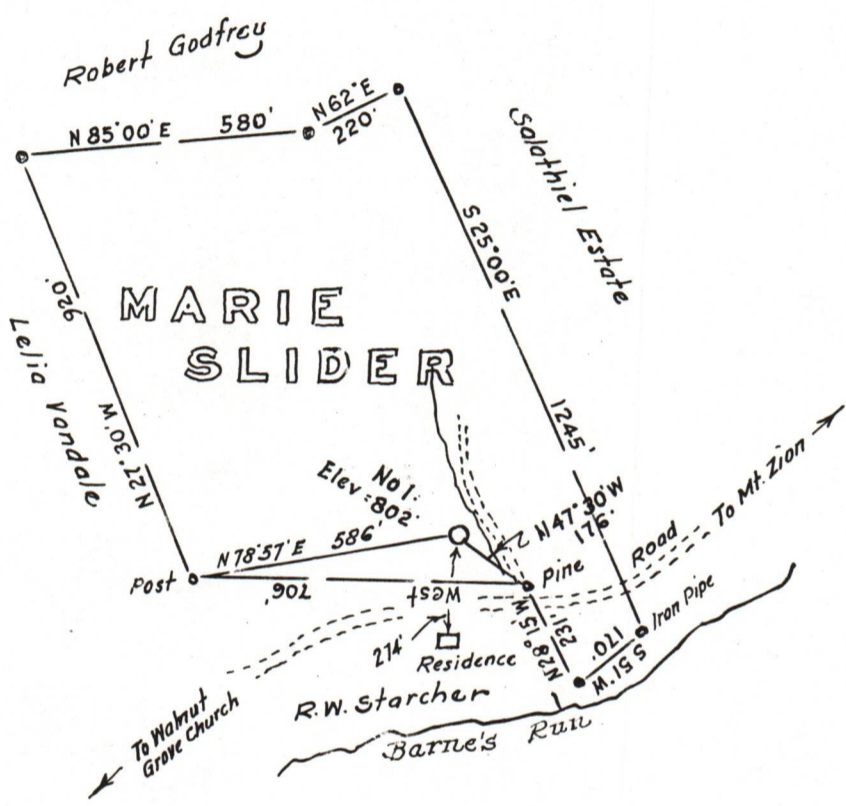
12/01/2023

12/19/77

LATITUDE 38° 52' 30" (15') 38° 55'

LONGITUDE 81° 10'

NOTE: Residence (shown) is located 274' from well location.



7 1/2 + 15'

FEE OWNERSHIP Marie Slider Mount Zion, W. Va 26151

Minimum Error of Closure U 1' in 200'

Source of Elevation USGS elev at road at mouth of Dennis Fork.

1300' N.E of location = 785'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Map No. Signed: W. D. Riddle Squares: N S E W

Company **WILLIAM D. RIDDLE**
 40 Paul F. Starr, Inc. Bx 158 Spencer WV 25311
 Address **416 Woodland St. Ravenna, Ohio.**

Farm **Marie Slider**

Tract _____ Acres **18** Lease No. _____

Well (Farm) No. **One** Serial No. _____

Elevation (Spirit Level) **802**

Quadrangle **Arnoldsburg 7 1/2, 15'**

County **Calhoun** District **Lee**

Engineer W. D. Riddle

Engineer's Registration No. **1227** LLS No. **200**

File No. _____ Drawing No. _____

Date **December 15 '77** Scale **1" = 400'**

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

WELL LOCATION MAP

FILE NO. CAL-2610 12/01/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-013

2100 Injin