

8/7/68 CEN



WELL RECORD, FORM OG-10, MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

A-1

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

None
COAL OPERATOR OR COAL OWNER

Southwestern Development Company
NAME OF WELL OPERATOR

ADDRESS

1814 Seventh Street
Parkersburg, West Virginia 26101
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

August 5, 19 68
PROPOSED LOCATION

ADDRESS

Burning Springs District

OWNER OF MINERAL RIGHTS

Wirt County

ADDRESS

Well No. One

Luther Wolverton Farm
Elevation 731.5 Acres 47.5

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 April 14, 1965, made by A. A. Alderman, et al, to Southwestern Development Company, and recorded on the day of , in the office of the County Clerk for said County in Book 127, page 92.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

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.

Very truly yours,

(Sign Name)

Denzil S. Prather

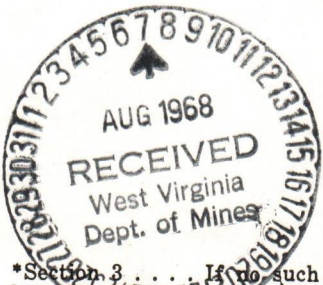
Southwestern Development Company
WELL OPERATOR

1814 Seventh Street
STREET

Parkersburg, West Virginia
CITY OR TOWN

STATE

01/12/2024



Address of Well Operator }

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

WIR559 PERMIT NUMBER

BOND DRILL

559

A-17

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

FORM IV-1

DESIGNATION OF AGENT BY WELL OWNER OR OPERATOR

Well Operator ___/ Owner X/ Southwestern Development Company
Address 201 South Lake Avenue #511
Pasadena, California 91101

Pursuant to the provisions of Code § 22-4-1k, and subject to the requirements of Regulation 7.01, the undersigned hereby designates the following person to be the agent of the undersigned for the purpose of receiving process, notices, orders and other communications which may be issued under Chapter 22 of the Code of West Virginia:

Designated Agent Denzil L. Prather
Address 1814 Seventh Street
Parkersburg, West Virginia 26101
Telephone (304) 485-4001

The undersigned represents that said designated agent is a bona fide resident of the State of West Virginia, and has agreed to accept the designation. This designation applies to the following well

X all wells owned or operated by the undersigned in West Virginia
___ the wells listed below (Use space below or reverse side or attach list)

[COMPLETE AS APPLICABLE]

X The undersigned is hereby recording an existing designation of agent made prior to the initial adoption of Form IV-1.

___ The undersigned is proposing to own or operate wells in West Virginia for the first time, so that this designation should also be considered the registration by the undersigned with the Deputy Director.

___ The undersigned has owned and operated a well or wells in West Virginia since the year 19___, but has not heretofore appointed a designated agent.

___ This designation substitutes a new designated agent for the undersigned, who has owned or operated a well or wells in West Virginia since the year 19___. The present designated agent of the undersigned, who will continue as such, if he is able, until this new designation has been approved, is--

Agent being replaced _____
Address _____

Southwestern Development Company
Well Owner or Operator

By: [Signature]
Its: President

01/12/2024

ACCEPTED this March 19, , 19 79

[Signature]
(Signature of designated agent)

Taken, subscribed and sworn to before me this 19th day of March, 1979.

Notary Public [Signature] My commission expires June 12, , 19 80

Well owner or operator must be a responsible officer of the corporation, trustee, individual or legally



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

August 7, 1968

Southwestern Development Co.
1814 Seventh Street
Parkersburg, West Virginia 26101

IN RE:	PERMIT NO.	<u>WIR-559</u>
	FARM	<u>Luther Wolverton</u>
	WELL NO.	<u>1</u>
	DISTRICT	<u>Burning Springs</u>
	COUNTY	<u>Wirt</u>

Gentlemen:

Enclosed is Permit for drilling the above described well.

Please post one copy of permit at the Well site and send two copies of the well record to this office, within 90 days, when drilling has been completed.

Very truly yours,

Deputy Director
Oil and Gas Wells Division

/aa

Enclosures:

cc-West Virginia Geological & Economic Survey

Mr. Harry Holliday, Inspector, Grantsville, W. Va.

PH: 354-6145

bc-Mr. C. A. Washburn

Deputy Securities Commissioner



A-11

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

CUSTOMER

SERVICE AND INVOICE NUMBER H-2-2439
TERMS: NET 30. ADD LEGAL INTEREST THEREAFTER.

Please indicate on all remittances and send to: **1579 EAST 21 STREET TULSA, OKLAHOMA 74114**

SERVICE ORDER RECEIPT AND INVOICE

DATE <u>9-21-68</u>	CUSTOMER ORDER NO.	SHIPPED VIA <u>Dowell unit</u>	SERVICE FROM DOWELL STATION <u>Glenville</u>	OUTPOST
WELL NAME AND NUMBER <u>Luther Wolberton No. 1</u>		LOCATION AND POOL <u>Monday</u>		FRACTURING LICENSE FEE STATEMENT: Must be signed ONLY if the fracturing license fee does not apply because the fracturing fluid used in this treatment was either: 1 - Unthickened water or acid. 2 - Crude oil produced from the same formation in the same field as the well being treated.
COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE <u>Wirt, W.Va.</u>		TYPE OF SERVICE <u>Cement 7" casing</u>		
CUSTOMER'S NAME <u>Southwestern Development Co.</u>		ADDRESS <u>1814 Seventh Street Parkersburg</u>		CUSTOMER BY <u>[Signature]</u> AUTHORIZED AGENT
CITY, STATE AND ZIP CODE <u>W.Va. 26101</u>		SERVICE INSTRUCTIONS:		SERVICE ORDER IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS I have read, understood and agreed to the terms and conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

ITEM NO.	QUANTITY	UNIT	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT PRICE	AMOUNT
<u>48002-006</u>	<u>1</u>		<u>Cement 1823'</u>	<u>433.00</u>	
<u>48501-001</u>	<u>1</u>		<u>wooden top 7" plug</u>	<u>7.75</u>	
<u>40001-004</u>	<u>28</u>	<u>SK</u>	<u>Per sack cement</u>	<u>2.01</u>	
<u>45007-003</u>	<u>28</u>	<u>SK</u>	<u>Litcap 2</u>	<u>.87</u>	
<u>45004-100</u>	<u>300</u>	<u>lb</u>	<u>SALT</u>	<u>.022</u>	
<u>49100-000</u>	<u>60</u>	<u>SK</u>	<u>Service Charge</u>	<u>.35</u>	
<u>7" cement</u>					
SUB TOTAL					
Gallons License Fee					
Gallons License Fee					
% Tax on \$					
% Tax on \$					
TOTAL				\$	



DOWELL ENGINEER
James Bailey

PAYROLL INITIALS
J.G.B.

RECEIPT: The undersigned hereby certifies that the materials and equipment listed above were received and the services were performed in a workmanlike manner.

CUSTOMER BY
[Signature]

01/12/2024
AUTHORIZED AGENT
SEP 26 REC'D

TERMS AND CONDITIONS

In consideration of the prices to be charged as set forth in Dowell's Published Price Schedule and the performance of services and supplying of materials, customer agrees to the following terms and conditions:

TERMS. Cash in advance unless satisfactory credit is established. Customer agrees to pay total net billing price by the end of the month following the month of treatment or sale. Interest at the legal rate shall be charged thereafter.

TAXES. Any Federal or State sales, use, occupation, consumer's or emergency taxes are to be added to the price.

BULK SALES. Dowell warrants the goods furnished to be of the quality and specifications as represented, but its liability shall be limited to the sales price of the goods not meeting such warranty. Dowell shall not be liable for any loss or damage resulting from any use that purchaser may make of such goods, whether or not used in accordance with recommendations. No express or implied warranty is given as to any results to be obtained.

OILFIELD SERVICES. In rendering any service ordered by the customer Dowell shall be an independent contractor with the understanding, however, that customer has complete custody and control of the well, the conditions created in the well, the drilling equipment, well premises and access routes from highways to well locations. Customer will give Dowell reasonable notice for each service ordered and if required will furnish Dowell with written order for the same. Customer will have the well in readiness for the service. Customer will return well to production. Dowell will furnish equipment for transporting and placing the materials supplied by Dowell. Dowell agrees to furnish necessary technical personnel and equipment operators.

A reasonable attempt will be made to get from the highway to the location and back under our own power. If caterpillar or other towing equipment is required, same will be provided by customer at his expense. If customer does not provide towing equipment, when necessary, we will obtain same and bill the customer at actual cost.

In interpreting well information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, Dowell will give customer the benefit of its best judgment based on its experience in the field. Nevertheless, all such recommendations or predictions are opinions only, and in view of the impracticability of obtaining first hand knowledge of the many variable well conditions and the necessity of relying on facts and supporting services furnished by others, no warranty is given concerning the effectiveness of the materials used, recommendations given, or the services rendered. The liability of Dowell for injury to persons or damage to property including, but not limited to, reservoir loss or subsurface damage and surface damage arising from subsurface damage or well blowout, shall be limited to that occasioned by its wilful misconduct or failure to exercise good faith and customer shall secure Dowell against loss or damage not expressly accepted herein by Dowell.

Customer further agrees to indemnify and hold harmless Dowell against all claims and suits based on subsurface trespass arising out of stimulation operations performed by Dowell for customer, this provision applying to all claims or legal actions by royalty owners, working interest owners or others claiming the fractured, acidized or treated areas extend beyond the property lines of customer and trespass into lands or leaseholds of adjacent property owners.

If tools or cable are lost in well, customer will make a reasonable effort at his expense to recover the equipment and agrees to indemnify and hold harmless Dowell from any loss or damages in connection therewith. Dowell shall not be liable for any loss or injury which may be occasioned by the use of equipment rented to customer, or any material used in connection therewith, nor for the acts of any persons engaged in the work and customer agrees to indemnify and hold harmless Dowell from any loss or damage in connection therewith.

In rendering any well service involving the use of a hazardous material including materials that are radioactive, poison, toxic, corrosive, flammable, or explosive, Dowell shall not be liable to customer or third parties for injuries or damages resulting from the use of such hazardous materials unless such injuries or damages are occasioned by Dowell's wilful misconduct or failure to exercise good faith, and customer agrees to indemnify and hold harmless Dowell from any and all such liability not expressly accepted herein by Dowell.

Customer agrees that it occupies an equal bargaining position with Dowell and that the contractual liability assumed hereunder by customer is reasonable and equitable based on the nature of the services to be performed by Dowell.

MARINE OPERATIONS. On Marine operations, customer assumes full responsibility for damage to pump truck or skid mounted pumper and auxiliary equipment from time of delivery to customer at landing to return to landing, when transported on craft not owned or leased by Dowell.

PRICE CHANGES. All prices appearing in said Price Schedule are subject to change without notice.

Prices in this schedule apply to regular and usual jobs and operations. Special jobs, under unusual conditions, will be subject to special price quotations to reflect increased or reduced costs.

The term "Dowell" as used herein is a trade name of The Dow Chemical Company, and where used throughout this agreement shall be construed to mean The Dow Chemical Company and its Dowell Division.

NO EMPLOYEE IS EMPOWERED TO ALTER THE ABOVE TERMS AND CONDITIONS.

1320 85 932

A-12

SOUTHWESTERN DEVELOPMENT COMPANY
1814 SEVENTH STREET
PARKERSBURG, WEST VIRGINIA
15 January 1970

Mr. Robert Dodd, Deputy Director
Oil and Gas Division
Department of Mines
Charleston, West Virginia

Dear Mr. Dodd:

According to our insurance agency, the bond covering the well drilled by Southwestern Development Company on the Luther Wolverton farm, in Burning Springs District, Wirt County, West Virginia (Permit No. WIR-599), has not been released by our department.

559

They have requested that we determine the status of the bond.

Very truly yours,

Denzil L. Prather

Denzil L. Prather

njn

ATTACHED: Copies of letter (accompanied release of bond) AND Receipt of bond.

RECEIVED
JAN 16 1970
OIL & GAS DIVISION
DEPT. OF MINES

01/12/2024

SOUTHWESTERN DEVELOPMENT COMPANY
1814 SEVENTH STREET
PARKERSBURG, WEST VIRGINIA
15 January 1970

Mr. Robert Dobb, Deputy Director
Oil and Gas Division
Department of Mines
Charleston, West Virginia

Dear Mr. Dobb:

According to our insurance agency, the bond covering the well drilled
by Southwestern Development Company on the Luther Wolferton farm,
in Burning Springs District, Witt County, West Virginia (Permit No. WIR-599),
has not been released by your department.

They have requested that we determine the status of the bond.

Very truly yours,

Denzil L. Prather
Denzil L. Prather

rjn

ATTACHED: Copies of letter (accompanied release of bond) AND Receipt
of bond.

RECEIVED
JAN 16 1970
OIL & GAS DIVISION
DEPT. OF MINES

B-1



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION 10

Rotary
Spudder
Cable Tools
Storage

Quadrangle Harrisville
Permit No. WIR 559

WELL RECORD

Oil or Gas Well Comb.
(KIND)

Company Southwestern Development Co.
Address 1814 Seventh Street, Parkersburg, W.Va.
Farm Luther Wolverton Acres 47.5
Location (waters) Straight Creek
Well No. One Elev. 731.5
District Burning Springs County Wirt
The surface of tract is owned in fee by Luther Wolverton
Address Munday, W.Va.
Mineral rights are owned by Clark Walter et al
Address Montclair, N.J.
Drilling commenced Aug. 8, 1968
Drilling completed Oct. 8, 1968
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20"	20'	
10	351'	3512	Size of
8 1/4	940'	940'	Depth set
6 3/8	1827	1827	
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

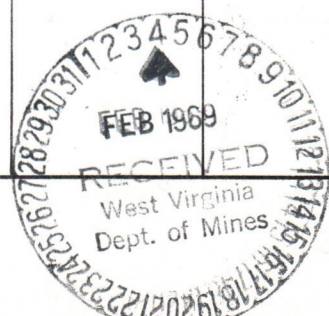
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) Nov. 29, 1968 870 bbls water, 20,000 lb sand, 500 gal acid

Attach copy of cementing record.
CASING CEMENTED 6 5/8 SIZE 1827 No. Ft. 10; 12/68 Date
Amount of cement used (bags) 56 sacks 50/50 poz
Name of Service Co. Dowell
NO
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 10 bopd + 250 mcf 750,000
ROCK PRESSURE AFTER TREATMENT 640# HOURS 24
Fresh Water 40 Feet Salt Water 1573 Feet
Producing Sand Big Injun Depth 1740 - 1754

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	15			
Red Rock			15	20			
Slate Shells			20	40			
Red Rock			40	65			
Slate Shells			65	100			
Red Rock			100	105			
Slate Shells			105	115			
Red Rock			115	130			
Lime Gritty			130	150			
Slate Shells			150	170			
Red Rock			170	190			
Slate Shells			190	225			
Sand			225	245			
Slate Shells			245	260			
Red Rock			260	300			
Slate Shells			300	320			
Red Rock			320	345			
Slate Shells			345	415			
Red Rock			415	435			10" 351'
Slate Shell			435	455			
Red Rock			455	465			
Slate Shells			465	485			
Red Rock			485	505			
Lime			505	525			
Red Rock			525	590			
Lime Gray			590	600			
Red Rock			600	610			
Slate Shells			610	690			
Red Rock			690	715			
Lime Shells			715	720			

(over)



01/12/2024

B-2

Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate Shells			720	750			
nd			750	780			
ate Shells			780	795			
ate Shells Lime			795	810			
ate Shells			810	840			
ed Rock			840	845			
ate Shells			845	905			
me Shells			905	915			
ate Shells			915	1094			8" 940'
ate Shells Sand			1094	1145			
ack Slate			1145	1178			
nd			1178	1225			
ate Shells			1225	1250			
nd			1250	1275			
ate Shells			1275	1320			
nd			1320	1420			
ate Shells			1420	1523			
nd			1523	1610			
ate Shells			1610	1615			
g Lime			1615	1700			
nd			1700	1763			
ate Shells			1763	1780			
roken Sand			1780	1787			
ate Shells			1787	2215			8" 1827'
me, Gritty			2215	2700			
ate Shells			2700	2900			
me			2900	2940			
ate Shells			2940	2980			
me			2980	3005			
ate Shells			3005	3148			
me			3148	3169			
ate Shells			3169	3500			
nd			3500	3517			
ate Shells			3517	4026			TD 4026'
<p>The hole was temporarily plugged back to 1780' by placing a bridge of red mud from 1880 to 1790. A Baker cast iron casing plug was set at 1780' in the 6 5/8" casing..</p>							

01/12/2024

Date 2/3/69, 19

APPROVED Southwestern Development Co., Owner

By Denzil L. Prather
Denzil L. Prather, (Title) Mgr.

B-3

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WJN-559

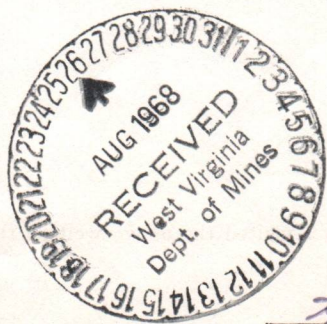
Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>SOUTHWESTERN DEVELOPMENT CO.</u>				
Address	<u>1814 SEVENTH ST. PARKERSBURG, W. VA.</u>	Size			
Farm	<u>LUTHER WILVERTON (47.5A)</u>	16"	25'		Kind of Packer _____
Well No.	<u>I</u>	13			
District	<u>BURNING SPRINGS</u> County <u>WIRT</u>	10			Size of _____
Drilling commenced	<u>8-19-68</u>	8 1/4			
Drilling completed	_____ Total depth _____	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	<u>20' HOLE FULL</u> feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water	_____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names B.P. ROBERTS - MILFORD YOAK

Remarks: DRILLING - 770'

C. H. C. PATLING CONTR. STUPPER



8-22-68

DATE

H. A. Holliday
DISTRICT WELL INSPECTOR

01/12/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner _____ Location _____ Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR
01/12/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. W2R-669

Oil or Gas Well _____
(KIND)

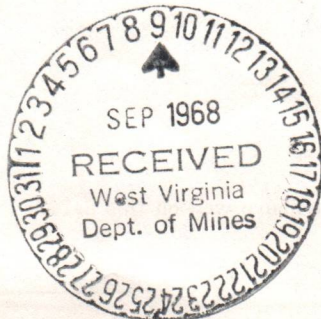
Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>SOUTHWESTERN DEVELOPMENT CO.</u> <u>1814-SEVENTH ST.</u>	Size			
Address <u>PARKERSBURG, W.VA 26101</u>	16 18	20'		Kind of Packer _____
Farm <u>LUTHER WOLVERTON (47.6A)</u>	13			
Well No. <u>I</u>	10	351		Size of _____
District <u>DUNNINGS SPRINGS</u> County <u>WIRT</u>	8 1/4	940		
Drilling commenced <u>8-19-68</u>	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water <u>20-1/2</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names B.P. ROBERTS - MILFORD YONK

C.H. & C. DRILLING CO. - SPURRER

Remarks:

DRILLING AT 1975



9-5-68

DATE

H.A. Holliday

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

OG-11
B-5

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

INSPECTOR'S WELL REPORT

Permit No. WLR-559

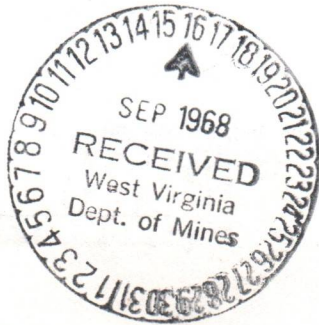
Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>SOUTHWESTERN DEVELOPMENT CO.</u>	Size			Kind of Packer
<u>2601</u> <u>1814 SEVENTH ST. PARKERSBURG, W.VA.</u>	16 <u>18"</u>	<u>13'</u>		
Farm <u>LUTHER WOLVERTON (47.5A)</u>	13			
Well No. <u>I</u>	10	<u>351'</u>		Size of
District <u>BURNING SPRING</u> County <u>WIAT</u>	8 1/4	<u>940'</u>		
Drilling commenced <u>8-19-68</u>	6 5/8			Depth set
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names A.P. ROBERTS - MILFORD YAM

Remarks: DRILLING - 1705' C.H.C. DRILLING CO. - SPUDDER
SHOW GAS - 1356'
" " - 1536'

9-12-68
DATE



H.C. Holliday
DISTRICT SUPERVISOR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location	
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE

Drillers' Names _____

Remarks:

[Faint handwritten notes and a circular official stamp are visible in this section.]

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR
 01/12/2024

B-6

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

INSPECTOR'S WELL REPORT

Permit No. WIR-559

Oil or Gas Well _____
(KIND)

Company <u>SOUTHWESTERN DEVELOPMENT CO.</u> <u>1814-SEVENTH ST.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>FARMERSBURG, W. VA. - 26101</u>	Size		
Farm <u>LUTHER WOLVERTON (47.5A)</u>	10-18"	13'		
Well No. <u>I</u>	13			
District <u>BURNING SPRINGS</u> County <u>W. VA.</u>	10	351		Size of _____
Drilling commenced <u>8-19-68</u>	8 1/4	946		
Drilling completed _____ Total depth _____	6 5/8	1823		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 <u>6 5/8</u> SIZE <u>1823</u> No. FT. <u>921 1/2</u> Date _____			
Fresh water <u>40' H. FULL</u> feet _____ feet	NAME OF SERVICE COMPANY <u>DOWELL</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names R.P. ROBERTS C. H.C. PALE CO. - SPUDDER

Remarks: DRILLING - 2177 911116-1356
" " " -1536
" " " -1775-



10-1-68
DATE

H.A. Holliday
DISTRICT WELL INSPECTOR
01/12/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

01/12/2024

B-7

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

INSPECTOR'S WELL REPORT

Permit No. WIR-507

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>SOUTHWESTERN DEVELOPMENT CO.</u>				
Address	<u>1814 SEVENTH ST. PARKERSBURG, W.VA. 26101</u>	Size			
Farm	<u>LUTHER WOLVERTON (47.6A)</u>	16 <u>18"</u>	<u>18'</u>		Kind of Packer _____
Well No.	<u>I</u>	13			
District	<u>PURDINE SPRINGS</u> County <u>WIRT</u>	10	<u>351</u>		Size of _____
Drilling commenced	<u>8-19-68</u>	8 1/4	<u>940</u>		
Drilling completed	_____ Total depth _____	6 5/8	<u>1823'</u>		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	<u>7"</u>	SIZE <u>1823</u> No. FT. <u>92968</u> Date _____	
Fresh water	<u>20' - 11" FULL</u> <u>40' - 11" FULL</u> feet _____ feet	NAME OF SERVICE COMPANY	<u>DAWELU</u>		
Salt water	_____ feet _____ feet	COAL WAS ENCOUNTERED AT	<u>1406</u> FEET _____ INCHES		
			_____ FEET _____ INCHES _____ FEET _____ INCHES		
			_____ FEET _____ INCHES _____ FEET _____ INCHES		

Drillers' Names EUGENE SHEETS - C.W. SWADLEY

Remarks: DRILLING 7652'
C.H.C. DRILLING CO. - SPUDDER
SHOWGAS 1743 - 7 1/2" 1" BIG INCH
" " 1706 - 17 1/2" 1" BIG INCH

10-8-68
DATE

H. A. Holliday
DISTR. NO. 011127024
OCT 1968
RECEIVED
West Virginia
Dept. of Mines

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. WV-57

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY SOUTHWESTERN DISTRICT

Filling Material Used _____
PARTERS BROS. W.V.A. T&O

Liner _____ Location LUTHER HOLBERT (W.V.A.) Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
		<u>12 1/2"</u>	<u>WIRT</u>	<u>8-17-88</u>	<u>1 1/2"</u>	
		<u>12 1/2"</u>				
<u>4 1/2"</u>	<u>12 1/2"</u>	<u>12 1/2"</u>				
				<u>50'-11 1/2"</u>		
				<u>40'-11 1/2"</u>		

Drillers' Names _____

Remarks: EUGENE SHEETS - C.M. SWADLEY

CHC DRILLING CO - SPUR
SHOWERS 12 1/2" - 11 1/2" BIRMINGHAM
12 1/2" - 11 1/2" BIRMINGHAM

DRILLING - 575

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR
01/12/2024

B-8

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

INSPECTOR'S WELL REPORT

Permit No. WIR-569

Oil or Gas Well _____
(KIND)

Company <u>SOUTHWESTERN DEVELOPMENT CO.</u> <u>1814 SEVENTH STREET</u> Address <u>PARKERSBURG, W.VA. 26101</u> Farm <u>LUTHER WOLVERTON (475A)</u> Well No. <u>I</u> District <u>BURNING SPRINGS</u> County <u>WEAVER</u> Drilling commenced <u>8-19-68</u> Drilling completed _____ Total depth _____ 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 <u>40" H. FULL</u> feet _____ feet Salt water <u>6</u> feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
	16 <u>18" PIPE</u>	<u>13'</u>		
	13			
	10	<u>351</u>		Size of _____
	8 1/4	<u>940</u>		
	6 5/8	<u>1823</u>		Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used _____			Perf. top _____
				Perf. bottom _____

CASING CEMENTED 6 5/8 SIZE 1823 No. FT 923-68 Date _____
NAME OF SERVICE COMPANY DOWELL
COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names EUGENE SHEETS - C.W. SWADLEY

Remarks:

DRILLING AT 3005'

C.H.K. DRILLING CO - SPURPER

SHOW GAS - 2983



10-15-68

DATE

H.A. Holliday

DISTRICT WELL INSPECTOR

01/12/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner _____ Location _____ Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
01/12/2024

B-9

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



INSPECTOR'S WELL REPORT

Permit No. WIR-559

Oil or Gas Well _____
(KIND)

Company <u>SOUTHWESTERN DEVELOPMENT CO.</u> <u>1814-SEVENTH ST.</u> Address <u>PARKERSBURG, W.VA. 26101</u> Farm <u>LUTHER WOLVERTON (47.5A)</u> Well No. <u>I</u> District <u>BURNING SPRINGS</u> County <u>WIRT</u> Drilling commenced <u>8-19-68</u> Drilling completed _____ Total depth _____ 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 <u>20'-H FULL</u> <u>40'-H FULL</u> feet _____ feet Salt water <u>NONE</u> feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
	16" <u>PIPE</u>	<u>13'</u>		
	13			
	10	<u>351</u>		Size of _____
	8 1/4	<u>940</u>		
	6 5/8	<u>1823</u>		Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used _____			Perf. top _____
				Perf. bottom _____

CASING CEMENTED 6 5/8 SIZE 1823 No. FT 92368 Date _____
NAME OF SERVICE COMPANY DOWELL
COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names EUGENE SHEETS - C. W. SMADLEY

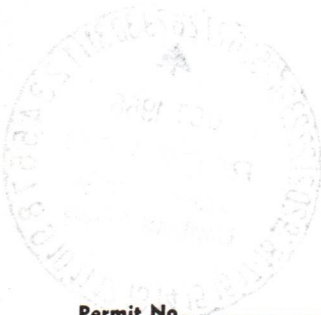
C. H. C. DRILLING CO. - SPUDDER

Remarks: DRILLING AT - 3460

10-23-68
DATE

H. A. Holliday
DISTRICT WELL INSPECTOR

01/12/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED						BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD				CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

01/12/2024

B-10

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

INSPECTOR'S WELL REPORT

Permit No. W2R 559

Oil or Gas Well _____
(KIND)

Company <u>SOUTHWESTERN DEVELOPMENT CO. 1814 SEVENTH ST.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>PARKERSBURG, W. VA. 26101</u>	Size		
Farm <u>LUTHER WOLVERTON (47.5A)</u>	16 <u>8" PDE</u>	<u>13'</u>		Kind of Packer _____
Well No. <u>I</u>	13 _____			
District <u>BURNINGSPRING</u> County <u>WEST</u>	10 _____	<u>351</u>		Size of _____
Drilling commenced <u>8-19-68</u>	8 1/4 _____	<u>940</u>		
Drilling completed _____ Total depth _____	6 5/8 _____	<u>1823</u>		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 <u>5 5/8</u> SIZE <u>1823</u> No. FT. <u>92268</u> Date _____			
Fresh water <u>70' 1/2 FULL</u> <u>40'</u> feet _____ feet _____ feet	NAME OF SERVICE COMPANY <u>DOWELL</u>			
Salt water _____ feet _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names EUGENE SHEETS - C.W. SWADLEY

C.H.C. DALE CO. - SPUDDER

Remarks:

DRILLING AT 3770

10-30-68

DATE

H.A. [Signature]

DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

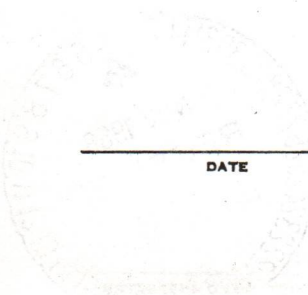
FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____



_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

01/12/2024

B-11

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

INSPECTOR'S WELL REPORT

Permit No. WIR-559

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>SOUTHWESTERN DEVELOPMENT CO.</u> <u>1814 SEVENTH ST.</u>	Size			Kind of Packer
<u>Address: PARKERSBURG, W.VA. - 26101</u>	16			
<u>Farm: LUTHER WOLVERTON (47.5A)</u>	13			
<u>Well No. I</u>	10			Size of
<u>District: BURNING SPRINGS County: WIRT</u>	8 1/4			Depth set
<u>Drilling commenced</u>	6 5/8			
<u>Drilling completed</u> Total depth	5 3/16			
<u>Date shot</u> Depth of shot				
<u>Initial open flow</u> /10ths Water in <u>Inch</u>				
<u>Open flow after tubing</u> /10ths Merc. in <u>Inch</u>				
<u>Volume</u> <u>Cu. Ft</u>				
<u>Rock pressure</u> <u>lbs.</u> <u>hrs</u>				
<u>Oil</u> <u>bbls., 1st 24 hrs</u>				
<u>Fresh water</u> <u>feet</u> <u>fee</u>				
<u>Salt water</u> <u>feet</u> <u>fee</u>				

INSTRUCTIONS TO DELIVERING EMPLOYEE

Show to whom, date, and address where delivered Deliver ONLY to addressee
(Additional charges required for these services)

RECEIPT
Received the numbered article described below.

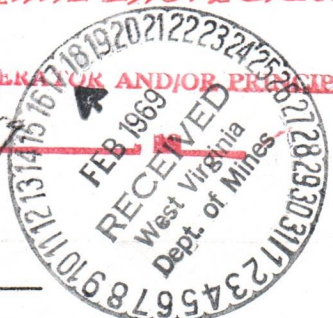
REGISTERED NO. <u>39193</u>	SIGNATURE OR NAME OF ADDRESSEE (Must always be filled in) <u>Southwestern Dev Co</u>
CERTIFIED NO.	
INSURED NO.	SIGNATURE OF ADDRESSEE'S AGENT, IF ANY <u>R. B. [Signature]</u>
DATE DELIVERED FEB 19 1969	SHOW WHERE DELIVERED (only if requested)

655-16-71548-10 GPO

Drillers' Names _____

Remarks: ON FINAL INSPECTION, THIS WELL MAY BE RELEASED.

RETURNED TO WELL OPERATOR AND/OR PRINCIPAL



BOND CANCELLED
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL

2-10-69
DATE

2/17 1969

H. A. Holliday

DISTRICT WELL INSPECTOR
01/12/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location			Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED						BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST		

Drillers' Names _____

Remarks: _____

_____ DATE I hereby certify I visited the above well on this date.

_____ DISTRICT WELL INSPECTOR

01/12/2024

B-12



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

February 17, 1969

Southwestern Development Company
1814 Seventh Street
Parkersburg, W. Va. 26101

IN RE: Permit WIR-559
Farm Luther Wolverton
Well No. 1
District Burning Springs
County Wirt

Gentlemen:

The final inspection report for the Well which is described above has been received in this office.

Please be advised that the Bond which is covered by the above permit number has been released.

Kindly return the enclosed cancelled Bond to the Surety Company that executed said bond in your behalf, in order that they may give you credit on their records.

Very truly yours,

Deputy Director
Oil and Gas Wells Division

b

Enclosure: 1 bond

01/12/2024

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-105-559</u>																						
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA Category Code																						
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet																						
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<table style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2"><u>Southwestern Development Company</u></td> <td style="text-align: right;">Seller Code</td> </tr> <tr> <td colspan="3"><u>201 South Lake Avenue, Suite 511</u></td> </tr> <tr> <td><u>Pasadena</u></td> <td><u>Calif.</u></td> <td><u>91101</u></td> </tr> <tr> <td>City</td> <td>State</td> <td>Zip Code</td> </tr> </table>	<u>Southwestern Development Company</u>		Seller Code	<u>201 South Lake Avenue, Suite 511</u>			<u>Pasadena</u>	<u>Calif.</u>	<u>91101</u>	City	State	Zip Code										
<u>Southwestern Development Company</u>		Seller Code																					
<u>201 South Lake Avenue, Suite 511</u>																							
<u>Pasadena</u>	<u>Calif.</u>	<u>91101</u>																					
City	State	Zip Code																					
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<table style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2"><u>Cairo-Munday</u></td> </tr> <tr> <td><u>Wirt</u></td> <td><u>W. Va.</u></td> </tr> <tr> <td>Field Name</td> <td>State</td> </tr> <tr> <td><u>Wirt</u></td> <td></td> </tr> <tr> <td>County</td> <td></td> </tr> </table>	<u>Cairo-Munday</u>		<u>Wirt</u>	<u>W. Va.</u>	Field Name	State	<u>Wirt</u>		County													
<u>Cairo-Munday</u>																							
<u>Wirt</u>	<u>W. Va.</u>																						
Field Name	State																						
<u>Wirt</u>																							
County																							
(b) For OCS wells:	<table style="width:100%; border-collapse: collapse;"> <tr> <td>Area Name</td> <td>Block Number</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> <tr> <td colspan="2" style="text-align: center;">Date of Lease:</td> </tr> <tr> <td style="text-align: center;"> <table style="margin: auto;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="text-align: center;">Mo.</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Yr.</td> <td colspan="3"></td> </tr> </table> </td> <td>OCS Lease Number</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> </table>	Area Name	Block Number	_____	_____	Date of Lease:		<table style="margin: auto;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="text-align: center;">Mo.</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Yr.</td> <td colspan="3"></td> </tr> </table>							Mo.	Day	Yr.				OCS Lease Number	_____	_____
Area Name	Block Number																						
_____	_____																						
Date of Lease:																							
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Mo.	Day	Yr.																					
_____	_____																						
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Luther Wolverton Well</u>																						
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>Big Injun</u>																						
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<table style="width:100%; border-collapse: collapse;"> <tr> <td><u>Consolidated Gas Supply Corporation</u></td> <td><u>004228</u></td> </tr> <tr> <td>Name</td> <td>Buyer Code</td> </tr> </table>	<u>Consolidated Gas Supply Corporation</u>	<u>004228</u>	Name	Buyer Code																		
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(b) Date of the contract:	<table style="margin: auto;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="text-align: center;">12</td> <td style="text-align: center;">10</td> <td style="text-align: center;">58</td> </tr> <tr> <td style="text-align: center;">Mo.</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Yr.</td> </tr> </table>				12	10	58	Mo.	Day	Yr.													
12	10	58																					
Mo.	Day	Yr.																					
(c) Estimated annual production:	_____ MMcf.																						
	<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width:30%;"></th> <th style="width:15%;">(a) Base Price (\$/MMBTU)</th> <th style="width:15%;">(b) Tax</th> <th style="width:15%;">(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: left;">7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</td> <td><u>. 5 7 1</u></td> <td><u>---</u></td> <td><u>---</u></td> <td><u>. 5 7 1</u></td> </tr> <tr> <td style="text-align: left;">8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</td> <td><u>2 . 2 4 3</u></td> <td><u>. 3 8 2</u></td> <td><u>+ . 0 0 9</u></td> <td><u>2 . 6 3 4</u></td> </tr> </tbody> </table>		(a) Base Price (\$/MMBTU)	(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.)	<u>. 5 7 1</u>	<u>---</u>	<u>---</u>	<u>. 5 7 1</u>	8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2 . 2 4 3</u>	<u>. 3 8 2</u>	<u>+ . 0 0 9</u>	<u>2 . 6 3 4</u>							
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9.0 Person responsible for this application:	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;"><u>Denzil L. Prather</u></td> <td style="width:70%;"><u>Agent</u></td> </tr> <tr> <td>Name</td> <td>Title</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Denzil L. Prather</u></td> </tr> <tr> <td colspan="2" style="text-align: center;">Signature</td> </tr> <tr> <td style="text-align: center;"><u>3/19/79</u></td> <td style="text-align: center;"><u>(304) 485-4001</u></td> </tr> <tr> <td>Date Application is Completed</td> <td>Phone Number</td> </tr> </table>	<u>Denzil L. Prather</u>	<u>Agent</u>	Name	Title	<u>Denzil L. Prather</u>		Signature		<u>3/19/79</u>	<u>(304) 485-4001</u>	Date Application is Completed	Phone Number										
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Signature																							
<u>3/19/79</u>	<u>(304) 485-4001</u>																						
Date Application is Completed	Phone Number																						
Agency Use Only Date Received by Juris. Agency <div style="font-size: 1.2em; font-weight: bold; text-align: center;">MAR 20 1979</div> Date Received by FERC																							

01/12/2024

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR:

Southwestern Oil Co

017696

FIRST PURCHASER:

Consolidated Gas Supply

004228

OTHER:

Report inadequate quantities R (and)

New Production affidavit attached 6-26-8

Qualification letter 108. stopped well

Post well

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

WELL DETERMINATION FILE NUMBER

790320-108-105-0559

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 Denzil J. Prether
- 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 2 yrs.
- 8 IV-40- 90 day Production No Prod. Days off Line: None
- 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:~~ 8-8-68 ~~Frac date:~~ 10-8-68 Deepened —
- (5) Production Depth: 1740-54
- (5) Production Formation: B16 INJUN FOF
- (5) ~~Intake Rate:~~ 250 MCF
- (5) ~~RP after treatment~~ 640#
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: 364 No Prod.
- (8) Avg. Daily Gas from 90-day ending w/1-120 days: 0 No Prod
- (8) Line Pressure: 27 lbs (from annual) PSIG from Daily Report _____
- (5) Oil Production: — From Completion Report _____
- (10-17) Does lease inventory indicate enhanced recovery being done: No
- (10-17) Is affidavit signed? Notarized?

01/12/2024

Does official well record with the Department confirm the submitted info

Additional Information _____ Does computer program confirm?

Was Determination Objected to? _____ By Whom? _____

JPH

Date March 19, 1979

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

Operator's Well No. WIR-559
API Well No. 47 - 105 - 559
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL
NGPA Section 108

DESIGNATED AGENT Denzil L. Prather
ADDRESS 1814 Seventh Street
Parkersburg, W. Va. 26101
LOCATION: Elevation 731.5
Watershed Straight Creek
Dist Burning Springs County Wirt Quad Harrisville
Gas Purchase Contract No. 1974
Meter Chart Code 6657
Date of Contract 12/10/58

WELL OPERATOR Southwestern Dev. Co.
ADDRESS 201 South Lake Ave., Suite 511
Pasadena, Cal. 91101
GAS PURCHASER Consolidated Gas Supply Corp.
ADDRESS 445 W. Main Street
Clarksburg, W. Va. 26302

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

Normal amount of equipment needed to produce this well.

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

Production records, B&O Tax records and royalty payment records:
Southwestern Development Company
201 South Lake Avenue, Suite 511
Pasadena, Cal. 91101

Describe the search made of any records listed above:

Information from files in home office in Pasadena, California.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes _____ No X. If yes, indicate the type and source of the information.

AFFIDAVIT

I, Denzil L. Prather, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

Denzil L. Prather

STATE OF WEST VIRGINIA,

COUNTY OF Wood, TO WIT:

I, Elizabeth F. Snyder, a Notary Public in and for the state and county aforesaid, do certify that Denzil L. Prather, whose name is signed to the writing above, bearing date the 19th day of March, 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 19th day of March, 19 79

My term of office expires on the 12th day of June, 1980.

Elizabeth F. Snyder
Notary Public

[NOTARIAL SEAL]

01/12/2024

IV-39-WC

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

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MCF @ 14.73
OIL IN BARRELS @ 60 DEGREES

REPORT DATE 3/14/79

OPERATOR SOUTHWESTERN DEVELOPMENT COMPANY

YEAR 19 77

API 47-105-559 FARM Luther Wolverton

COUNTY Wirt

AVG. FLOW PRESSURE 12#

SHUT-IN PRESSURE

TOTALS

GAS MCF

5 1 1 0 0 6 17 25 19 13 0 0

GAS 87

OIL BBL

J- F- M- A- M- J- J- A- S- O- N- D-

OIL

35 28 28 28 35 28 35 28 28 35 28 28

364

YEAR 19 78

API 47-105-559 FARM Luther Wolverton

COUNTY Wirt

AVG. FLOW PRESSURE 27#

SHUT-IN PRESSURE

TOTALS

GAS MCF

GAS

OIL BBL

J- F- M- A- M- J- J- A- S- O- N- D-

OIL

35 28 28 28 35 28 35 28 28 35 28 28

364

See attached letter
SUMMARIZATION SCHEDULE
Section 271. 804 (b)

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

RECEIVED
JUN 26 1980

OIL & GAS DIVISION
DEPT. OF MINES

01/12/2024

C-9

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

INSPECTOR'S WELL REPORT

Permit No. WLR-569

Oil or Gas Well _____
(KIND)

Company <u>SOUTH WESTERN DEVELOPMENT CO.</u> <u>1814 SEVENTH ST.</u> Address <u>PARKERSBURG, W. VA. - 26101</u> Farm <u>LUTHER HOLVERTON</u> Well No. <u>I</u> District <u>BURNING SPRINGS County WIRT</u> Drilling commenced <u>8-19-68</u> Drilling completed <u>10-29-68</u> Total depth <u>4036'</u> 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 <u>20' HOLE FULL</u> <u>40'</u> feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
	16" 18" PIPE	75'		
	13			
	10	351		Size of _____
	8 1/4	940		
	6 5/8 7" ^{CENT.}	1823		Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used			Perf. top _____
				Perf. bottom _____

CASING CEMENTED 5/8 SIZE 1823 No. FTT-2368 Date _____
NAME OF SERVICE COMPANY DOWELL
COAL WAS ENCOUNTERED AT NINE FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names EUGENE SHEETS - C.W. SWARLEY

C.H.F.C. DRILLING CO. - SPUDDER

Remarks: TEMPORARY STONE + RED CLAY BRIDGE SET AT 1875-1880. TO FRACTURE LIMON SAND. WILL TREAT AND PRODUCE SHALE LATER DATE.

11-21-68
DATE

N. C. Holliday
DISTR. 01/12/2024
NOV 1968
RECEIVED
West Virginia
Dept. of Mines
11016819

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED				BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
01/12/2024

C-10



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

February 6, 1969

Harry Holliday
Grantsville, W. Va.

IN RE: PERMIT WIR-559
COMPANY Southwestern Development Co
FARM Luther Wolverton
WELL NO. 1
DISTRICT Burning Spgs
COUNTY Wirt

Dear Sir:

Please make a final inspection of the Well described
above.

Very truly yours,

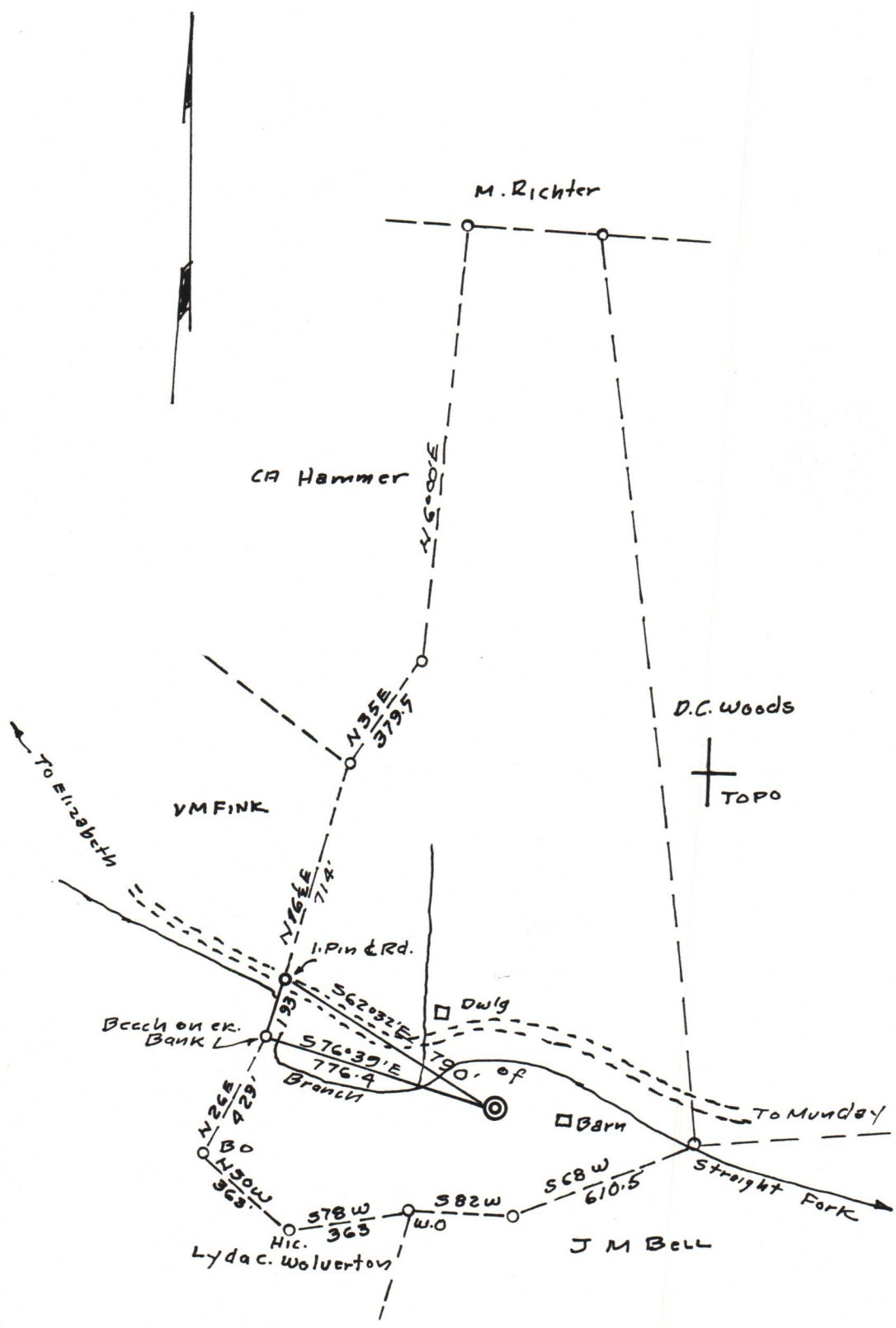
Deputy Director
Oil and Gas Wells Division

b

01/12/2024

Latitude 39° 05'

Longitude 81° 10'



MINIMUM ERROR OF CLOSURE 1' in 200

SOURCE OF ELEVATION USGS El. @ Road Intersection @ Munday Post Office Ele. 714.0

Well Location
Oil Deeper
Abandonment

"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."

Company Southwestern Development Co.
 1814 Seventh Street
 Parkersburg, W. Va.
 By Luther Wolverton
 Acres 47.5 Lease No. _____
 Farm) No. One Serial No. _____
 on (Spirit Level) 731.5
 angle Harrisville
Wirt District Burning Springs
 er Raymond A. Spivey
 r's Registration No. 4801
 Drawing No. _____
5/25/1968 Scale 1"=500

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. WIR-559

01/12/2024

+ 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.

01/12/2024