



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.

No Coal
COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

Cabot Corporation
OWNER OF MINERAL RIGHTS
900 Union Bldg
Charleston, W. Va.
ADDRESS

George W. Moses
NAME OF WELL OPERATOR

P. O. Box 309
Clarksburg, W. Va.
COMPLETE ADDRESS

April 15, 1965, 19

PROPOSED LOCATION

Spring Creek District

Wirt County

Well No. One

Gordon Cooper Farm

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 1-29-65, made by Cabot Corporation, to George W. Moses, and recorded on the 9th day of February, in the office of the County Clerk for said County in Book 126, page 339.

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.

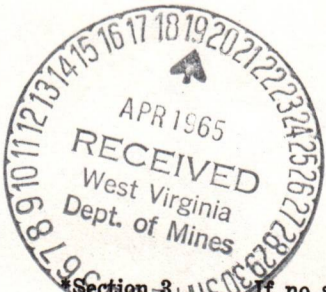
Very truly yours, George W. Moses
WELL OPERATOR

P. O. Box 309
STREET

Clarksburg,
CITY OR TOWN

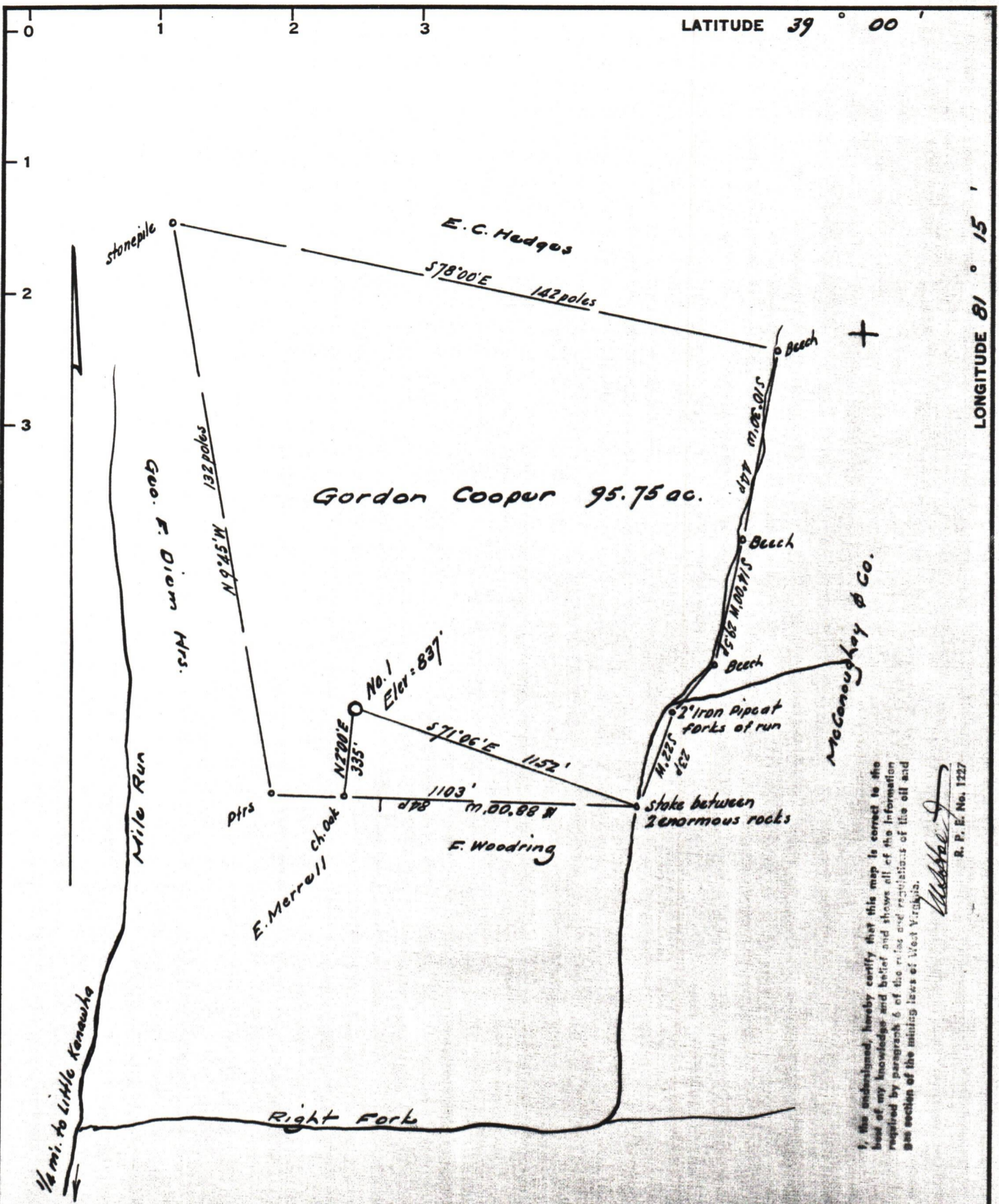
West Virginia.
STATE

02/02/2024



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.



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

[Signature]
 R. P. E. No. 1227

New Location.....
 Drill Deeper.....
 Abandonment.....

9-28-67

Reference to elevation :- Well No. 1,
 Hudson Ohio Oil Co. = 691'

Error in Closure :- Less than 1' in 200'

Company George W. Moses
 Address P.O. Box 309, Clarksburg, W. Va.
 Farm Gordon Cooper
 Tract Acres 95.75 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 837
 Quadrangle Spencer
 County Wirt District Spring Creek
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date April 13, 1965 Scale 1" = 300' = 495'

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

WELL LOCATION MAP
 FILE NO. wirt - 494 02/02/2024

+ 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.

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GEORGE W. MOSES
OIL AND GAS
CLARKSBURG, WEST VIRGINIA

April 15, 1965

State Dept. of Mines
Oil and Gas Division
Charleston, W. Va.

Attention: Mr. Wamock.

Dear Sir:

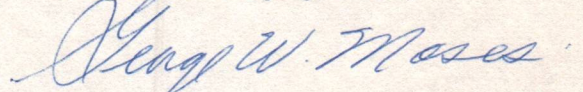
Please find enclosed application for permit to drill Gordon Cooper Well # 1, together with plat, Bond to drill, etc.

To the best of my knowledge there is no coal in this area and I am certain ~~that~~ there are no coal operations near the area of the above proposed well location.

In view of the fact ~~that~~ there are no coal operations in this area (above), I would greatly appreciate it if you could issue this permit to drill at your early convenience.

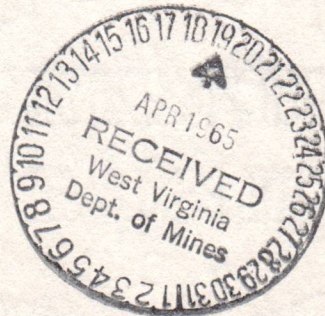
Trusting that you and yours will have an enjoyable Easter holiday, I am--

Respectfully yours,



George W. Moses

GWM



02/02/2024

A-8

April 20, 1965

Mr. George W. Moses
P. O. Box 309
Clarksburg, West Virginia

Dear Mr. Moses:

Enclosed please find permit WIRT-494
to drill Well No. 1 on the Gordon Cooper Farm,
Spring Creek District, Wirt County.

Please post one copy of the permit
at the well site and send us two copies of the
well record when drilling is completed.

Yours very truly,

Deputy Director
OIL AND GAS DIVISION

GW/aa
Enclosures

cc: Mr. Arthur Null, Inspector
Harrisville, W. Va., PH: 643-2522

Mr. R. C. Tucker
Assistant State Geologist

bc: Mr. C. A. Washburn
Deputy Securities Commissioner

02/02/2024

A-9



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

June 18, 1966

C
O
P
Y

Mr. Arthur Null, Inspector
OIL AND GAS DIVISION
Harrisville, West Virginia

In Re:; Permit WIRT-496-P Well No. 2 on the
Gordon Cooper Farm, Spring
Creek District of Wirt County

Dear Sir:

Would you please make a final inspection of the above
described well.

Thank you.

Very truly yours,

GURMER WAMOCK

GW/ap

Gurmer Wamock
Clearcopy Union Skin

02/02/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

June 18, 1966

Mr. Arthur Noll, Inspector
OIL AND GAS DIVISION
Martinsville, West Virginia

In Re: Permit WRT-196-P Well No. 2 on the
Gordon Cooper Farm, Spring
Creek District of West County

Dear Sir:

Would you please make a final inspection of the above
described well.

Thank you.

Very truly yours,

GURMER WAMOCK

CW/ap

C
O
P
Y



FORM 488-R7

A-10 CEMENTING SERVICE
TICKET

No. 072702

DATE	CUSTOMER'S ORDER NO.	CUSTOMER'S REQ. NO.	SEC.	TWP.	RNG.	TRUCK CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
5-1-65						4-30 5:30	DATE 4-30 A.M. 11:00 P.M.	DATE 5-1 A.M. 1:00 P.M.	DATE 5-1 A.M. 1:30 P.M.

WELL NO. AND FARM	PLACE OR DESTINATION	COUNTY	STATE
#1 COOPER	CRESTON	WIRT	W.VA.

TYPE 1 <input type="checkbox"/> Workover	2 <input type="checkbox"/> Exploratory	OWNER	CONTRACTOR
WELL 3 <input checked="" type="checkbox"/> Development	4 <input type="checkbox"/> Other	GEORGE W MOSES	MANN DRIG CO

Duncan Use Only	Cus. Inv. Req. Orig. &	CHARGE TO
	<input type="checkbox"/> 1	GEORGE W. MOSES
	<input type="checkbox"/> 2	CITY AND STATE
	<input checked="" type="checkbox"/> 3	Box 309
	<input type="checkbox"/> 4	MAILING ADDRESS
<input type="checkbox"/> Other	CLARKSBURG W.VA.	No. Copies

Owner, Operator or His Agent States the Well Is in Condition for the Service Job to Be Performed and Submits the Following Data:

TYPE OF JOB (✓) One	CASING	HOLE DATA	TUBING OR DRILL PIPE	CEMENTING PACKER	MAKE FLOAT EQUIPMENT
SURFACE	NEW ✓	BORE SIZE 7 7/8	SIZE	SIZE	FLOAT COLLAR
INTERMEDIATE	USED	TOTAL DEPTH 2051	TYPE	TYPE	GUIDE SHOE
PRODUCTION ✓	SIZE 4 1/2	ROTARY ✓	WEIGHT	WEIGHT	FLOAT SHOE HALLIBURTON
SQUEEZE	WEIGHT 9.50	CABLE TOOL	TOTAL DEPTH	DEPTH SET	OTHER EQUIPMENT
PUMPING	DEPTH 2013				3 CENT HOWCO
PLUG BACK	TYPE J-55				
GROUTING					
Other (write in)					

SQUEEZE OR PLUG BACK DATA

PURPOSE	Depth From	To Approx.	IN SIZE CASING	HOLE	BULK? SACKS	CEMENT DATA	SACKED?	Mixed Wt. Per Gal. % Gel.	Per Gal. Other Admix
WATER					75	PO2 mix HALLIBURTON	✓	14.5	
GAS					5	9E1			
ABANDON						BC 184 208			

OTHER DATA ON SERVICE OPERATION
PLUGS AND HEADS

BOTTOM PLUG	TYPE	CIRCULATING PRESSURE
		100
TOP PLUG	TYPE	MINIMUM
1	5	50
TYPE HEAD		MAXIMUM
	PC	300

CEMENT LEFT IN CASING 3 FT.
 BY REQUEST NECESSITY MEASURED WITH LINE? No

TRUCK NO. & TYPE	TRUCK LOCATION	TITLE	NAME
#6587	WESTON	Cementer	H. HARTLROD
TWIN T-10	W.VA.	Driver	J. PORTER
		Cementer	J. BYERS
		Driver	
		Cementer	
		Driver	
		Cementer	
		Driver	

INVOICE SECTION

DEPTH OF JOB	2013	FT.
PRICE REF.	4	
BASE CHARGE		354 00
EXTRA TRUCK		
STAND BY TRUCK		
MILEAGE	@	

The following information is urgently requested in order that we may be fully advised, and to enable us to keep our standard of service up to the highest point.
 Was Operation of the Cementing Equipment Satisfactory? _____ Was the Work of the Crew Performed in a Satisfactory Manner? _____
 Was Cementing Job Satisfactorily Completed? _____ Suggestions: _____

R. L. Mann

OWNER, OPERATOR OR HIS AGENT

TERMS—NET, PAYABLE BY 20th OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.

This is to certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to the services furnished covered by this invoice.

PRINTED IN U.S.A.

SUB-TOTAL 354 00

TAX

TOTAL

012702

No.

CEMENTING SERVICE
TICKET



COMPANY

FORM 400 (7)

DATE	CUSTOMER'S DRESS NO.	CUSTOMER'S REG. NO.	SEC.	TYP.	SHR.	TRUCK CALLED OUT ON LOCATION	JOB STARTED	JOB COMPLETED
11/15/50		100					11/15/50	11/15/50
WELL NO. AND NAME	PLACE OF OPERATION	COUNTY	STATE					
WV 100	WV 100	WV	WV					

TYPE OF JOB (check one)
 Well 1 Wellover
 Well 2 Development
 Well 3 Exploratory

CHARGE TO: Phillips 66
 CITY AND STATE: WV
 PHONE ADDRESS: Box 309
 JOB NO.: 100
 DATE: 11/15/50

TYPE OF JOB (check one)	DEPTH	WEIGHT	TYPE	SIZE	WELL DATA	TOOLING OR DRILL BITS	CEMENT DATA
PRODUCTION	4 1/2	150	TYPE	4 1/2	DEPTH	TYPE	DEPTH
FLING BACK							
CRACKING							
OTHER (write in)							

PURPOSE	DEPTH FROM	TO APPROX.	CASING	IN SIZE	HOLES	BRAND	TYPE	SAVED
WATER								
GAS								
ABANDON								

INVOICE SECTION

DATE OF INVOICE	11/15/50
DATE OF SERVICE	11/15/50
CHARGE AFTER 30 DAYS FROM DATE OF INVOICE	
TERMS - NET PAYABLE BY 30th DAY FOLLOWING MONTH END	
TOTAL	324.00
TAX	
TOTAL	324.00

OTHER DATA ON SERVICE OPERATION

TYPE HEAD	TYPE 2
TOP PLUG	TYPE 2
BOTTOM PLUG	TYPE 2
FLUID AND BEAR	
CIRCUITING PRESSURE	100
MAXIMUM	100
MINIMUM	30
STAND BY TRUCK	
MILEAGE	0

PRINTED IN U.S.A. PHILLIPS 66 CUSTOMER COPY

A-11

GEORGE W. MOSES
OIL AND GAS

POST OFFICE BOX 309 • CLARKSBURG, WEST VIRGINIA 26302 • PHONE 623-2769

MESSAGE

REPLY

TO State Dept. of Mines
Oil & Gas Divison
Charleston, W. Va.
Attention: Mr. Wamock.

DATE

DATE 7-23-65

Dear Sir:

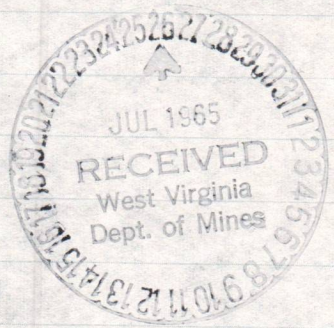
I enclose you well record (OG-10) for
~~LAWYER~~ Gordon Cooper Well # 1.

Respectfully yours

George W. Moses

George W. Moses

*P.S. also copy of Cementing
record from Halliburton.*



BY

SIGNED

INSTRUCTIONS TO SENDER:

INSTRUCTIONS TO RECEIVER:

1. KEEP YELLOW COPY. 2. SEND WHITE AND PINK COPIES WITH CARBON INTACT.

1. WRITE REPLY. 2. DETACH STUB, KEEP PINK COPY, RETURN WHITE COPY TO SENDER.

DATE 6-2-66

Company Purdys Well Service Time called for 3:00 pm Time on job 3:00 pm
 P. O. - Street 380 pm Job started 8:00 pm Finished OK
 City - State Le Roy, W. Va. Waiting time None Road Condition OK
 Lease Conroy Cooper Well No. 2 Tractor Used 740
 County Wirt State W. Va. Contractor Self Unit No. 76

SALES SERVICE ENGINEER WORK DATA

It is mutually agreed by both parties involved that WELL SERVICE, INC., equipment No. 76 is leased to Self and will operate under their supervision. Our Engineer, and his crew will, in a competent and cooperative manner, efficiently operate the equipment and with additional assistance, if needed, to be furnished by the lessee. Due to many unknown and variable conditions, of which we have no mutual knowledge or control, it requires WELL SERVICE, INC. not to assume any responsibility toward unsuccessful results or incompleteness of the operation.

Sales Service Engineer George Crew Huber Supervisor Huber
 Company Purdys Well Service

Type Operation:
 Casing pressure cement
 Casing Balance cement
 Casing Comb. Gel-cement
 Casing Squeeze cement
 Prepare Mud
 Plugging Gel-cement
 Pumping Casing-Tubing
 Formation Cement Squeeze
 Formation Chem. Squeeze
 Killing well mud-water
 Acidizing
 Cement Plug Back

Materials:
 Name Cement General Charges: 500.00
 Type alpha Job 00
 Sacks 25 Xtra Pumping
 Gallons Wait on Job
 Wt. per gal. 18.00 Mileage
 Ad-mix 15.75 Material Name 100 lb. Cement Size Open Hole
 Other SA Material Name 500 lb. Gel
 Viscosity Material Name
 Temp. Material Name
 Hole Condition: Xtra Unit
 Fluid Chemical 666 Hrs.
 Gas @ Special Plugs 32 Type
 Pipe leaking Type
 Shoe leaking Special Plugs 30 Gals.



COMPLETION REPORT

Normal pump pressure 150# Max. 300# Return circulation at surface yes
 Return circulation of materials yes
 General Remarks: Set Cement Plug at 1710 ft. all plug OK
" " " " " " " " " " " "
" " " " " " " " " " " "
" " " " " " " " " " " "
" " " " " " " " " " " "

Acidizing or Chemical Data

Name Formation	
Character Formation	
Gas/Oil Volume	
Rock Pressure	
Type Acid/Chemical	
Gallons	%
#1 Stage	#2
1st Pay	
2nd Pay	
Injection Rate	

TUBING SIZE _____
 PACKER SET _____
 Wt. 1710 ft
 Depth _____
 Total Depth _____
 Bridge Top _____

20700001
 20700002
 20700003
 20700004
 20700005
 20700006
 20700007
 20700008
 20700009
 20700010
 20700011
 20700012
 20700013
 20700014
 20700015
 20700016
 20700017
 20700018
 20700019
 20700020

Formal completion at service

КОМПЬЮТЕРНАЯ РЕКОПИЯ

WALDEN SERVICES
3000 PAUL ST
BEVERLY HILLS, CA 90210

RECEIVED
APR 11 1980

Label

Grade

Tube

Size

Height

Name

Name

Name

Name

Volume

Weight on job

Use

Use

Tube

General Remarks:

Subcontractor:

City

State

Contractor

Well No.

Unit No.

Tractor Used

Working time

Job started

Time called for

Job on job

Entered

Time

Time

Time

Time

Time

Time

Time

Hole Condition:

Temp

Viscosity

Other

4 1/2 - mix

Wt. bet. gal.

Galions

Shells

Shells

Shells

Shells

Shells

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Injection Rate

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16th Pav

17th Pav

18th Pav

19th Pav

20th Pav

21st Pav

22nd Pav

23rd Pav

24th Pav

25th Pav

26th Pav

27th Pav

28th Pav

29th Pav

30th Pav

TICKET NO. 1030
 SERVICE FIELD

18TH FLOOR KAMAHANA VALLEY BLDG., CHARLESTON I., W. AV.

WELLS SERVICE, INC.

DATE

02/02/2024

CEL BACKER

SINE LUBING

Debit

Job

Debit

Job

Bridge

Hole

Open

Size

Size

Size

Size

Size

Size

Size

Size

Size

Size

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Size



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Spencer
Permit No. WIRT-494

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company George W. Moses
Address Box 309, Clarksburg, W. Va.
Farm Gordon Cooper Acres 95.75

Location (waters) _____
Well No. One Elev. 837
District Spring Creek County Wirt

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Cabot Corporation
900 Union Bldg Address Charleston, W. Va.

Drilling commenced 4-21-65
Drilling completed 4-30-65

Date Shot _____ From _____ To _____
With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure Not taken lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED 5-5-65

RESULT AFTER TREATMENT 1,700,000

ROCK PRESSURE AFTER TREATMENT 670#

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			
10			Size of _____
8 1/4	24	24	
6 5/8			Depth set _____
5 3/16			
x 4 1/2"		1983	Perf. top <u>1916</u>
2			Perf. bottom <u>1920</u>
Liners Used			Perf. top <u>1933</u>
			Perf. bottom <u>1942</u>

CASING CEMENTED 4 1/2 SIZE 300 No. Ft. 5-1-65 Date

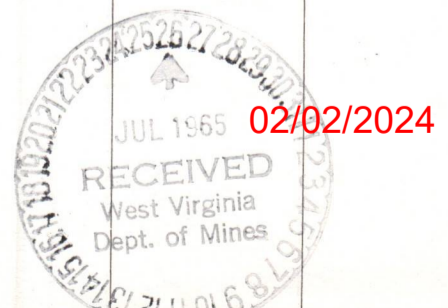
NO COAL

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Drilled with Rotary			0	1240	Lithology not available		
Shale			1240	1265			
Sand			1265	1300			
Black Shale			1300	1308			
Sand			1308	1352			
Shale			1352	1360			
Sand			1360	1395			
Black Shale			1395	1585			
Shaley Sand			1585	1605			
Shale			1605	1620			
Shaley Sand			1620	1646			
Black Shale			1646	1678			
Salt Sand			1678	1744			
Black Shale			1744	1802			
Little Lime			1802	1820			
Pencil Cave			1820	1830			
Big Lime			1830	1892			
Keener Sand			1892	1908			
Big Injun Sand			1908	1972			
Black Shale			1972	1983			
Total Depth			1983				



APPROVED _____
 By _____ Operator
 (Title)
 Date 7-23-65, 19 _____
 Owner _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
			1962	1962			
			1963	1963			
			1964	1964			
			1965	1965			
			1966	1966			
			1967	1967			
			1968	1968			
			1969	1969			
			1970	1970			
			1971	1971			
			1972	1972			
			1973	1973			
			1974	1974			
			1975	1975			
			1976	1976			
			1977	1977			
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			1987	1987			
			1988	1988			
			1989	1989			
			1990	1990			
			1991	1991			
			1992	1992			
			1993	1993			
			1994	1994			
			1995	1995			
			1996	1996			
			1997	1997			
			1998	1998			
			1999	1999			
			2000	2000			

02/02/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

Permit No. WIAT-494

Oil or Gas Well _____
(KIND)

Company GEORGE W. MASES
Address CLARKSBURG, W.V.A.
Farm GORDON COOPER
Well No. 1
District SPRING CREEK County WIAT
Drilling commenced ?
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 _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 5/8			
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

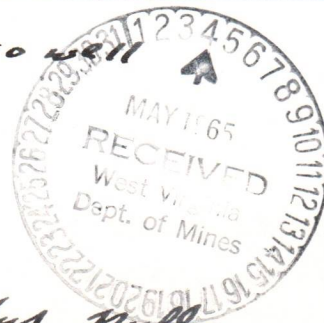
_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: CONTRACTOR MANN DRG. CO.

RIVER OVER ROAD, COULD NOT GET TO WELL



Arthur Hall
DISTRICT MINE INSPECTOR

02/02/2024

4-26-65

DATE

B-3

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

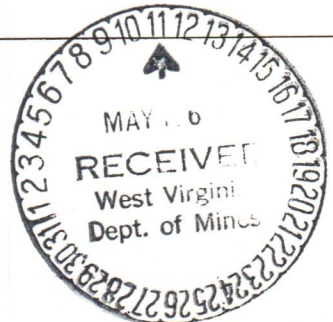
Permit No. WIAT-494

Oil or Gas Well Gas
(KIND)

Company <u>GEORGE W. MOSES</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>CLARKSBURG, WVA.</u>	Size		
Farm <u>GORDON COOPER</u>	16			
Well No. <u>1</u>	13			Size of
District <u>SPRING CREEK</u> County <u>WIAT</u>	10			
Drilling commenced	8 1/4			Depth set
Drilling completed <u>4-30-65</u> Total depth <u>2020</u>	6 5/8			
Date shot	5 3/16			
Depth of shot	<u>4 1/2</u>		<u>2008'</u>	Perf. top
Initial open flow	2			Perf. bottom
/10ths Water in	Liners Used			Perf. top
Inch				Perf. bottom
Open flow after tubing				
/10ths Merc. in				
Inch				
Volume	CASING CEMENTED <u>4 1/2</u> SIZE <u>2008</u> No. FT. <u>5-1-65</u> Date			
Cu. Ft.	NAME OF SERVICE COMPANY <u>HARRINGTON</u>			
Rock pressure				
lbs.	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET			
hrs.				
Oil				
bbls., 1st 24 hrs.				
Fresh water				
<u>NONE</u> feet				
feet				
Salt water				
<u>NONE</u> feet				
feet				

Drillers' Names _____

Remarks: CONTRACTOR DICK MANN
FRACTURED - 5-5-65 NO TEST



5-5-65

DATE

Arthur Hall

DISTRICT WELL INSPECTOR

02/02/2024

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

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

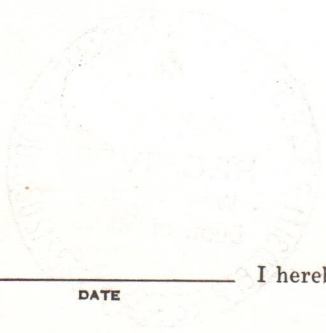
FARM _____ DISTRICT _____ COUNTY _____

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
02/02/2024

B-4



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

W. F. EIGENBROD
DIRECTOR

MARIE GRIFFITH
EXECUTIVE SECRETARY

GURMER WAMOCK
DEPUTY DIRECTOR

July 27, 1965

George W. Moses
P. O. Box 309
Clarksburg, West Virginia

IN RE: PERMIT WIRT-494
FARM Gordon Cooper
WELL NO. 1
DISTRICT Spring Creek
COUNTY Wirt

Gentlemen:

Please send us two copies of the completion drilling record for the above described well location.

We will appreciate the information within the next ten days.

Very truly yours,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

ap

B-5



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 5

July 26, 1965

W. F. EIGENBROD
DIRECTOR

GURMER WAMOCK
DEPUTY DIRECTOR

Mr. Arthur Null, Inspector
OIL AND GAS DIVISION
Harrisville, West Virginia

	494
In Re: Permit	<u>WIRT-424</u>
Company	<u>George W. Moses</u>
Farm	<u>Gordon Cooper</u>
Well No.	<u>1</u>
District	<u>Spring Creek</u>
County	<u>Wirt</u>

Dear Sir:

Would you please make a final inspection of the well described above.

Thank you.

Yours very truly,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

B-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

INSPECTOR'S WELL REPORT

Permit No. WIRT-494

FINAL

Oil or Gas Well GAS
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>GEORGE W. MOSES</u>	Size			
<u>CHARLESBURG, WVA.</u>	16			Kind of Packer
<u>GORDON COOPER</u>	13			
<u>1</u>	10			Size of
<u>SPRING CREEK</u> County <u>WIRT</u>	8 1/4			Depth set
Drilling commenced	6 5/8			
Drilling completed	5 3/16			
Date shot	3			Perf. top
Depth of shot	2			Perf. bottom
Initial open flow	Liners Used			Perf. top
/10ths Water in				Perf. bottom
Inch				
Open flow after tubing				
/10ths Merc. in				
Inch				
Volume	CASING CEMENTED	SIZE	No. FT.	Date
Cu. Ft.				
Rock pressure	NAME OF SERVICE COMPANY			
lbs. hrs.				
Oil	COAL WAS ENCOUNTERED AT			
bbls., 1st 24 hrs.				FEET INCHES
Fresh water				FEET INCHES FEET INCHES
feet feet				FEET INCHES FEET INCHES
Salt water				FEET INCHES FEET INCHES
feet feet				

BOND CANCELLED
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL
August 11, 1965

Drillers' Names _____

Remarks: THIS WELL IN GOOD ORDER FOR RELEASE

BOND CANCELLED
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL

August 11, 1965

8-2-65

DATE

Arthur
DISTRICT WELL INSPECTOR
02/02/2024



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
02/02/2024



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

W. F. EIGENBROD
DIRECTOR

August 11, 1965

GURMER WAMOCK
DEPUTY DIRECTOR

Mr. George W. Moses
P. O. Box 309
Clarkshurg, West Virginia

In Re:

Permit WIRT-494
Farm Gordon Cooper
Well No. 1
District Spring Creek
County Wirt

Gentlemen:

The final inspection report for your well which is described above has been received in our office.

Please be advised that the well, which is covered by the above permit number, has been released under your Bond, posted to cover same.

Please return the enclosed, cancelled Bond to the Surety and/or Bonding Company that executed said Bond in your behalf in order that they may give you credit on their records.

Yours very truly,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

oaa
Enclosure

02/02/2024



Blanket Bond No:
455-694

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

<u>None</u> Coal Operator	<u>A.A. Pursley dba: Pursley's Pulling & Well Service</u> Name of Well Operator
_____	_____
_____ Address	<u>Box 51, Leroy, West Virginia 25257</u> Complete Address
_____	_____
_____ Coal Owner	<u>September 27 1967</u> Date
_____	<u>WELL TO BE ABANDONED</u>
_____ Address	<u>Spring Creek</u> District
_____	_____
<u>Unknown</u> Lease or Property Owner	<u>Wirt</u> County
_____	_____
_____ Address	Well No. <u>One</u>
_____	<u>Gordon Cooper</u> Farm

Inspector Harry Holliday, Grantsville, West Virginia Telephone 354-6145

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

October 1967

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

A.A. Pursley
Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

Wirt-494-P

Permit Number

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Total Depth: 1983'

4½ Casing cemented.

Cut casing at 1480' if free at this point.

Gel hole w/6% gel. Spot 15' cement plug.

Pull casing and spot 10' cement plugs at the following depths.

1040', 620, 155'.

Erect marker as prescribed in Rule 12 Oil & Gas Regulations.

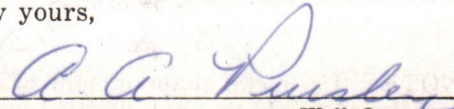
To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,


Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

28th day of SEPTEMBER, 19 67.

02/02/2024

DEPARTMENT OF MINES
Oil and Gas Division

By: _____

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

C-8

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

Permit No. WIR-494-P (DRIILLED WITH ROTARY) Well No. I

COMPANY A.A.PURSELEY-PURSELEY'S PULLING WEL SERVICE ADDRESS BOX 51, LEADY, W.VA.

FARM GORDON COOPER DISTRICT SPRING CREEK COUNTY CALHOUN WIRT

Filling Material Used GEL-CEM-CA. STONE-R. CLAY

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
<u>7. D. 1983</u>						
<u>RODSTR" TUB. PULLED</u>	<u>1983'</u>			<u>1983</u>	<u>2" TUB.</u>	<u>0</u>

Drillers' Names EUGENE PURSELEY

OPIN SPURDER

Remarks: TRYING TO RIP 4 1/2" CASING

11-13-67 I hereby certify I visited the above well on this date.
DATE



Harry A. Holliday
DISTRICT WELL INSPECTOR

02/02/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____		Size			Kind of Packer _____
Address _____		16			
Farm _____		13			Size of _____
Well No. _____		10			
District _____ County _____		8 1/4			Depth set _____
Drilling commenced _____		6 5/8			
Drilling completed _____ Total depth _____		5 3/16			Perf. top _____
Date shot _____ Depth of shot _____		3			
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 _____ FEET _____ INCHES			
Salt water _____ feet _____ feet		_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

C-9

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. WTR-494-P

(CONTINUED)

Well No. I.

COMPANY A.A. PURSLEY & SONS PURSLEY'S WELL SERVICE ADDRESS BOX 51, LEROY, W.VA.

FARM GORDON COOPER DISTRICT SPRING CREEK COUNTY WIRT.

Filling Material Used GEL-CEM. CR. STONE-R. CLAY.

Liner		Location	Amount	Packer	Location	
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
<u>T.D. 1983</u>						<u>CEMTR.</u>
<u>4 1/2" CGG RIPPED</u>	<u>1550'</u>	<u>(11-14-67)</u>			<u>5 1/4</u>	<u>24'</u>
<u>HOLECELLED</u>				<u>1550</u>	<u>4 1/2</u>	<u>483'</u>
<u>15' CEM. PLUG</u>	<u>1550'</u>					
<u>10' CEM. PLUG.</u>	<u>1040'</u>					
<u>00-00 00</u>	<u>670</u>					
<u>00-00 00</u>	<u>155'</u>					
<u>MARKER ERECTED ACCORDING TO O.G. REGULATIONS RULE 17, -11-15-67</u>						

Drillers' Names EUGENE PURSLEY JACKSON GILFORD STIMONS

OWEN SPUDER

Remarks:

11-14-67 I hereby certify I visited the above well on this date.
DATE



Henry A. Tolson
DISTRICT WELL INSPECTOR

02/02/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company _____		Size			
Address _____		16			Kind of Packer _____
Farm _____		13			
Well No. _____		10			Size of _____
District _____ County _____		8 1/4			
Drilling commenced _____		6 3/4			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 _____ FEET _____ INCHES			
Salt water _____ feet _____ feet		_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

C-10



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 5

December 4, 1967

W. F. EIGENBROD
DIRECTOR

GURMER WAMOCK
DEPUTY DIRECTOR

Mr. Harry Holliday
Grantsville, W. Va.

In Re: PERMIT WIRT-494-P
COMPANY Pursley's Pulling & Well Service
FARM Gordon Cooper dba A. A. Pursley
WELL NO. 1
DISTRICT Spring Creek
COUNTY Wirt

Dear Sir:

Would you please make a final inspection of the well
described above.

Very truly yours,

Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

ap
dw

02/02/2024

2-11

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

Permit No. WIR-494-P Well No. I.

COMPANY PURSLEY'S PULLING & WELL SERVICE ADDRESS BOX 51, LEROY, W.VA.

FARM GORDON COOPER DISTRICT SPRING CREEK COUNTY WEST

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: ON FINAL INSPECTION, THIS WELL MAY BE RELEASED.

**BOND CANCELLED
 RETURNED TO WELL OPERATOR AND/OR PRINCIPAL**

12/11 1967

17-6-67 I hereby certify I visited the above well on this date.
DATE



Harry A. Holliday
 DISTRICT WELL INSPECTOR

02/02/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used			

Volume _____ Cu. Ft. CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

Rock pressure _____ lbs. _____ hrs. NAME OF SERVICE COMPANY _____

Oil _____ bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

Fresh water _____ feet _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Salt water _____ feet _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:

DATE _____

DISTRICT WELL INSPECTOR
02/02/2024



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 5

W. F. EIGENBROD
DIRECTOR

GURMER WAMOCK
DEPUTY DIRECTOR

December 11, 1967

Pursley's Pulling & Well Service
Box 51
LeRoy, W. Va. 25252

In Re: Permit WTR-494-P
Farm Gordon Cooper
Well No. 1
District Spring Creek
County Wirt

Gentlemen:

The final inspection report for your well which is described above has been received in our office.

Please be advised that the well, which is covered by the above permit number, has been released under your Blanket Bond.

Yours very truly,

Gurmer Wamock
Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

02/02/2024

Company Wells Service, Inc. Time called for 11:00 am Time on job 11:00 am
 P. O. - Street 1000 1st St Job started 11:00 Finished 11:00 pm
 City - State Charleston, W. Va. Waiting time 1 hr Road Condition OK
 Lease 1 yr Well No. 1000 Tractor Used 1000
 County Lincoln State W. Va. Contractor Wells Service Unit No. 76

SALES SERVICE ENGINEER WORK DATA

It is mutually agreed by both parties involved that WELL SERVICE, INC., equipment No. 76 is leased to Wells Service, Inc. and will operate under their supervision. Our Engineer, and his crew will, in a competent and cooperative manner, efficiently operate the equipment and with additional assistance, if needed, to be furnished by the lessee. Due to many unknown and variable conditions, of which we have no mutual knowledge or control, it requires WELL SERVICE, INC. not to assume any responsibility toward unsuccessful results or incompleteness of the operation.

Sales Service Engineer James K. H. H. Crew 111 trucks
 Company Wells Service, Inc. Supervisor James K. H. H.

Type Operation:

- Casing pressure cement
- Casing Balance cement
- Casing Comb. Gel-cement
- Casing Squeeze cement
- Prepare Mud
- Plugging Gel-cement
- Pumping Casing-Tubing
- Formation Cement Squeeze
- Formation Chem. Squeeze
- Killing well mud-water
- Acidizing
- Cement Plug Back

Materials:

Name	Job	Type
Xtra Pumping		Hrs.
Wait on Job		Hrs.
Mileage		R. T.
Material		Name
Ad-mix		Name
Other		Name
Material		Name
Xtra Unit		Hrs.
Stand By Unit		Type
Trans		Type
Chemical		Gals.
Special Plugs		Type

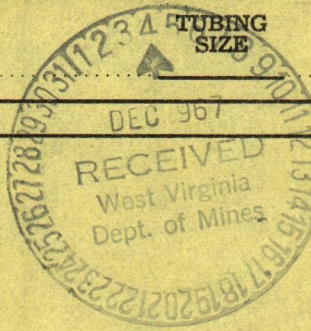
Hole Condition:

Fluid _____
 Gas @ _____
 Pipe leaking _____
 Shoe leaking _____

COMPLETION REPORT

Normal pump pressure 200 psi Max. 200 psi Return circulation at surface 11:00 am
 Return circulation of materials 1520' @ 100 gpm
 General Remarks: 100 gpm @ 1520' @ 100 gpm

Casing Size 4 1/2" Packer Set _____
 Tubing Size _____
 Weight 1560' Depth _____
 Total Depth _____ Bridge Top _____



Acidizing or Chemical Data

Name Formation _____
 Character Formation _____
 Gas/Oil Volume _____
 Rock Pressure _____
 Type Acid/Chemical _____
 Gallons _____ %
 #1 Stage _____ #2 _____
 1st Pay _____
 2nd Pay _____
 Injection Rate _____

General Remarks:

Return circulation of materials

Normal Pump Pressure

Max

Return circulation at surface

COMPLETION REPORT

Special Tool Used

Shoe Lasking

Pipe Lasking

Gas @

TOTAL CHARGES

Special Plugs

Fluid

Chemical

Trans

Stand By Unit

Xtra Unit

Other

Ad-mix

Wt. per gal.

Gallons

Sacks

Type

Name

Job

General Charges:

Materials:

Company

Sales Service Engineer

Supervisor

Crew

Contractor

State

Well No.

Waiting time

Job started

Time called for

Tractor Used

Good Condition

Finished

Time on job

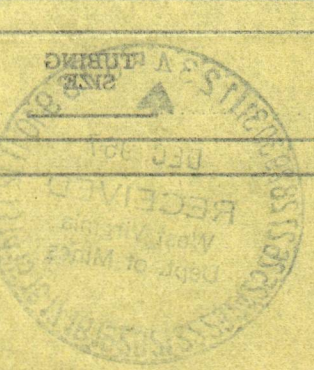
SALES SERVICE ENGINEER WORK DATA

It is mutually agreed by both parties involved that WELT SERVICE, INC.'s equipment No. is leased to and will operate under their supervision. Our Engineer and his crew will furnish the necessary assistance and will operate under their supervision. Our Engineer and his crew will be responsible for the safe and efficient operation of the equipment and will be responsible for the safe and efficient operation of the equipment.

DATE 11-16-10 15TH FLOOR KANAWHA VALLEY BLDG., CHARLESTON, W. VA. WELT SERVICE, INC.

Injection Rate	
1st Psv	
2nd Psv	
#1 Stage	#3
Gallons	%
Type Acid/Chemical	
Rock Pressure	
Gas/Oil Volume	
Character Formation	
Name Formation	
Acidizing or Chemical Data	

Hole Open Size	
Hole Size	
Depth	
Total	
Job Bridge	
Wt.	



TICKET NO. (DA) 2483