

3/5/68 CEN



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

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

OWNER OF MINERAL RIGHTS

ADDRESS

Weva Oil Corporation

NAME OF WELL OPERATOR

c/o George Powell- Parkersburg, W. Va.

COMPLETE ADDRESS

March 4, 19 68

PROPOSED LOCATION

Burning Springs District

Wirt County

Well No. One

GENTLEMEN:

George Grow Farm
Elevation 661.2 Acres 1100

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 March 18, 1966, made by George Grow, to Jack Costello, et.al., and recorded on the 4th day of March, 1968, in the office of the County Clerk for said County in Book 131, page 396.

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, WEVA OIL CORPORATION

(Sign Name) John P. Costello
WELL OPERATOR



Address of Well Operator } c/o George Powell
Union Trust Building
Parkersburg, W. Va.
CITY OR TOWN

01/12/2024

STATE

*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.

BLANKET BOND

WIR-548 PERMIT NUMBER

548

A-8

BELCO PETROLEUM
CORPORATION

630 THIRD AVENUE NEW YORK, N. Y. 10017
TELEPHONE YUKON 6-8191
CABLE: BELCOPETE

March 11th, 1968

Weva Oil & Gas Co.
608 Main Street
Hingham, Massachusetts

Jet Oil Company
Suite 2225
Prudential Plaza
Chicago, Illinois

Re: Operating Agreement dated November 6th, 1967
Wirt County, West Virginia

Gentlemen:

The purpose of this agreement is to confirm oral understanding previously arrived at as follows:

1. Belco Petroleum Corporation, effective immediately, herewith is to become successor operator to Weva Oil Corporation.
2. All parties hereto concur in actions taken to date in attempting to control the Bruce Bell #1 Well, Wirt County, West Virginia, and agree to pay their proportionate share of costs thereof.
3. All parties hereto agree that in the interest of safety and prudence, said well should be plugged as quickly as possible.
4. Belco Petroleum Corporation as operator is authorized to enter into negotiations with the drilling contractor of the Bruce Bell #1 Well to reach a settlement favorable to all parties hereto; it being expressly agreed and understood that final settlement shall be subject to the ratification of both non-operating parties.

If the above is in accordance with your understanding, kindly execute three copies of this agreement in the space provided below, and return two copies to the undersigned.

Agreed to and Accepted by:

Weva Oil & Gas Company

John P. Castello

Jet Oil Company

Harold Green

Yours very truly,

BELCO PETROLEUM CORPORATION

Robert A. Belfer

Robert A. Belfer
President

01/12/2024



01/12/2024

A-11

LOPER, PRATHER & ASSOCIATES

Petroleum Consultants

1814 SEVENTH STREET

PARKERSBURG, WEST VIRGINIA 26102

March 14, 1968

PHONE 422-1121

Mr. Harry Stephens
Department of Mines
Oil and Gas Division
Charleston, West Virginia

Dear Mr. Stephens:

I have been requested by Belco Petroleum Corporation and Weva Oil Corporation to inform you of a change of operator for the following well.

Permit Issued To	Weva Oil Corporation
Permit Date	March 5, 1968
Permit No.	WIR-548
Farm	George Grow
Well No.	1
District	Burning Springs
County	Wirt

Henceforth, this well will be operated by Belco Petroleum Corporation whose address is 630 Third Avenue, New York, New York.

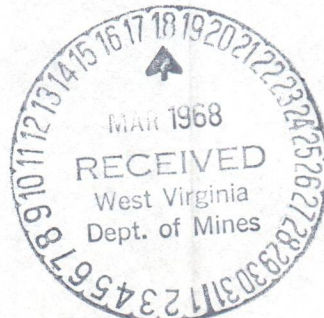
Bonding and other records should be changed to reflect the change in the status of this well.

Very truly yours,

Denzil L. Prather

DLP/db

cc: Belco Petroleum Corporation
Weva Oil Corporation - c/o
George Powell



01/12/2024

LOPER, PRATHER & ASSOCIATES

Petroleum Consultants

1814 SEVENTH STREET

PARKERSBURG, WEST VIRGINIA 26102

March 14, 1968

PHONE 422-1121

Mr. Harry Stephens
Department of Mines
Oil and Gas Division
Charleston, West Virginia

Dear Mr. Stephens:

I have been requested by Belco Petroleum Corporation and Weva Oil Corporation to inform you of a change of operator for the following well.

Wewa Oil Corporation	Permit Issued To
March 5, 1968	Permit Date
WIR-548	Permit No.
George Gow	Farm
1	Well No.
Burning Springs	District
Wirt	County

Henceforth, this well will be operated by Belco Petroleum Corporation whose address is 630 Third Avenue, New York, New York.

Books and other records should be changed to reflect the change in the status of this well.

Very truly yours,

Dennis J. Prather



DIP/5p
cc: Belco Petroleum Corporation
Wewa Oil Corporation - c/o
George Powell

01/12/2024

A-12

GEORGE C. GROW, JR.
Consulting Geologist

626 SHADOWLAWN DRIVE
WESTFIELD, N. J. 07090
PHONE (201) 233-5665

June 24, 1975

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

Re: Permit: WIRT-548-P
Farm: George Grow
Well No.: 1
District: Burning Springs
County: Wirt
Issued: 4/17/68

Gentlemen:

This is in reference to your letter of June 11, 1975 addressed to Dye & Dye at Marietta, Ohio.

The filling and plugging for the above described well has been completed in accordance with the Work Order dated April 17, 1968 (Form OG-9) except for the erection of a monument. This has not been done because of the possibility of re-entering the well bore for a completion in shallower formations.

Yours very truly,


George C. Grow, Jr.

GCG/gs

cc: Mr. Calvin Dye

RECEIVED

JUN 26 1975

OIL & GAS DIVISION
DEPT. OF MINES

01/12/2024

George C. Grow, Jr.
Executive Director
Department of Health

GEORGE C. GROW, JR.

Executive Director

Department of Health
Executive Director
George C. Grow, Jr.

George C. Grow, Jr.
Executive Director
Department of Health

It is a pleasure to have you on the staff of the Department of Health. I am sure that your experience and skills will be a great asset to the Department. We look forward to working with you.

Very truly yours,

George C. Grow, Jr.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Rotary
Spudder
Cable Tools
Storage

Quadrangle Spencer

Permit No. WIR - 548

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Belco Petroleum, Inc.
Address 630 Third Avenue New York, N.Y.
Farm George Grow Acres 1,100
Location (waters) Little Kanawha River
Well No. One Elev. 661.2
District Burning Springs County Wirt
The surface of tract is owned in fee by George Grow
Address Newark, New Jersey
Mineral rights are owned by Same

Address _____
Drilling commenced 3/7/68
Drilling completed 4/11/68
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.

WELL ACIDIZED (DETAILS) _____

WELL FRACTURED (DETAILS) _____

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS _____

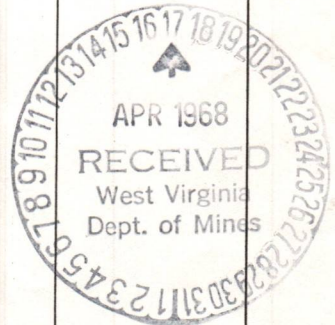
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Producing Sand _____ Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 5/8	97	97	
10	2449	2449	Size of
8 1/4			
6 3/4			Depth set
5 3/16	6547	1097	
4 1/2			
3			Perf. top 6522
2			Perf. bottom 6532
Liners Used			Perf. top <u>6522</u>
			Perf. bottom <u>6532</u>

Attach copy of cementing record. See back
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
NO
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
Soil			0	15			
Sand			15	25			
Shale			25	40			
Sand			40	110			
Shale			110	130			
Sand			130	180			
Sahle			180	230			
Sand			230	280			
Shale, Shells			280	350	Sl Show Oil	640	
Sand			350	410			
Shale			410	430			
Sand			430	470			
Shale			470	560			
Sand			560	650			
Shale			650	770			
Sand			770	805			
Shale			805	835			
Sand			835	975			
Lime			975	1050			
Sand-Shale			1050	1200			
Shale-Silt			1200	4790			
Limestone			4790	5010			
Sand			5010	5100	Water 5030		
Limestone			5100	5575			
Sand			5575	5640			
Limestone			5640	5850			
Limestone, Anhydrite, Dolomites			5850	6940			
Sand			6940	7000			
Shale			7000	7061			



01/12/2024

B-2

Formation	Color	Hard or Soft	Top 5	Bottom	Oil, Gas or Water	Depth Found	Remarks
							13 3/8 casing cemented by Halliburton 3/7/68 with 75 sx regular cement
							# 9 5/8 casing cemented by Halliburton 3/14/68 with 760 sacs of cement 660 sx posmix and 100 sx regular
							5 1/2 " cemented by Dowell 4/8/68 with 200 sacks 50-50 Posmix

01/12/2024

Date 4/15/68, 19

APPROVED Belco Petroleum, Inc., Owner

By *Denzil L. Prather*
(Title)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

B-3

INSPECTOR'S WELL REPORT

Permit No. WIR-548

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>WEVA OIL CORP.</u>				
Address	<u>UNION TRUST BLDG. PARMEASBURG, W.VA.</u>	Size			
Farm	<u>GEORGE B. GROW (HINDA)</u>	16	<u>TO SURFACE</u>		Kind of Packer
Well No.	<u>I</u>	13	<u>7/8 CEN 78'</u>		
District	<u>BURNING SPRINGS County WIRT</u>	10	<u>TO SURFACE</u>		Size of
Drilling commenced	<u>3-7-68</u>	8 1/4	<u>9/8 CEN 2435</u>		
Drilling completed	_____ Total depth _____	6 5/8			Depth set
Date shot	_____ Depth of shot _____	5 9/16	<u>1/2 CEN 6560</u>		
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	<u>GAS SHOW-SHALE</u> _____ bbls., 1st 24 hrs.	<u>75 BAGS - 13 3/4" - 98' - 3-7-68</u> <u>1010 CU. FT. - 9 1/2" - 2435 - 3-14-68</u> CASING CEMENTED <u>5 1/2</u> SIZE <u>6560</u> No. FT. <u>48-68</u> Date <u>200 BAGS - 7</u> <u>13 3/8 1905 - HALLIBURTON</u>			
Fresh water	<u>25'</u> _____ feet _____ feet	NAME OF SERVICE COMPANY <u>5 1/2 - DOWELL</u>			
Salt water	<u>550</u> _____ feet <u>5588</u> _____ feet	COAL WAS ENCOUNTERED AT <u>455 TO 460'</u> FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names B.L. HATFIELD - GERALD JOHNSON - J. WILLET

Remarks: FIG #5 - S.W. VASH ROTARY AIR
DRILLING AT 6900' - 5 AM.

4-11-68
DATE

APR 1968
RECEIVED
West Virginia
Department of Mines
District Well Inspector
Harry A. Tolson
01/12/2024

B-4

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. WTR-548-P

Well No. I

COMPANY BELCO PETROLEUM INC. ADDRESS 630 THIRD AVENUE, NEW YORK, N.Y.

FARM GEORGE C. GROW (1100 A.) DISTRICT BURNING SPRINGS COUNTY W. VERT

Filling Material Used MUD - CEMENT

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. 7061</u>							
<u>MUD</u>	<u>7061-5450</u>				<u>0</u>	<u>13 5/8</u>	<u>97'</u>
<u>5 1/2" CASING CUT</u>	<u>5450</u>				<u>0</u>	<u>10"</u>	<u>2449</u>
<u>CIRCULATE TO SURF. MUD</u>					<u>6547</u>	<u>5 3/16</u>	<u>1097</u>
<u>70' CEM. PLUG (25 SA.)</u>	<u>5450</u>						
<u>PULL 5" TO</u>	<u>5000</u>						
<u>140' CEM. PLUG (140 SA.)</u>	<u>5000-4860</u>						
<u>PULL 5" TO 2450 (BTM. 9 5/8")</u>							
<u>70' CEM. PLUG (25 SA.)</u>							

Drillers' Names JOE FRISCH - SUPT. BELCO INC.

HALLIBURTON

Remarks:

TOP CEM. PLUG IN 9 5/8" NOT PLACED TO AWAIT DECISION OF TAP HOLE BY ROYALTY
PRODUCTION, OWNER.

WELL PLUGGING DONE 4-12-13-68



4-16-68
DATE

I hereby certify I visited the above well on this date. 4-16

H. G. Halliday

DISTRICT WELL INSPECTOR 01/12/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. I

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 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			
	10			Size of _____
	8 1/4			
	6 5/8			Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used _____			Perf. top _____
				Perf. bottom _____
	CASING CEMENTED _____ 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: _____

01/12/2024



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.

_____	Belco Petroleum, Inc.
Coal Operator	Name of Well Operator
_____	630 Third Avenue
Address	New York, New York
_____	Complete Address
Coal Owner	Date
_____	WELL TO BE ABANDONED
Address	Burning Springs District
_____	Wirt County
Lease or Property Owner	Well No. One
_____	George Grow Farm
Address	

Inspector to be notified Harry Holliday Telephone Number 354-6145

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence 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,
Denzil L. Prather
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.

01/12/2024

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 NOT TRANSFERABLE.

WIR-548 - P
Permit Number

BLANKET BOND

B-9

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:

- Fill hole with mud to 5450'
- Cut 5" casing at 5450
- Circulate hole to surface with mud
- Spot 70' cement plug (25 sx) at 5450
- Pull 5" to 5000' and spot 140' cement plug (140 sx) 5000' to 4860'
- Pull 5" to 2450' (bottom of 9 5/8" O and spot 70' cement plug (25 sx)
- Spot cement plug in top of 9 5/8"
- Erect monument according to regulations.

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

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,

Belco Petroleum, Inc.

Denzil S. Prather

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.

17 day of April, 1968.

DEPARTMENT OF MINES
Oil and Gas Division

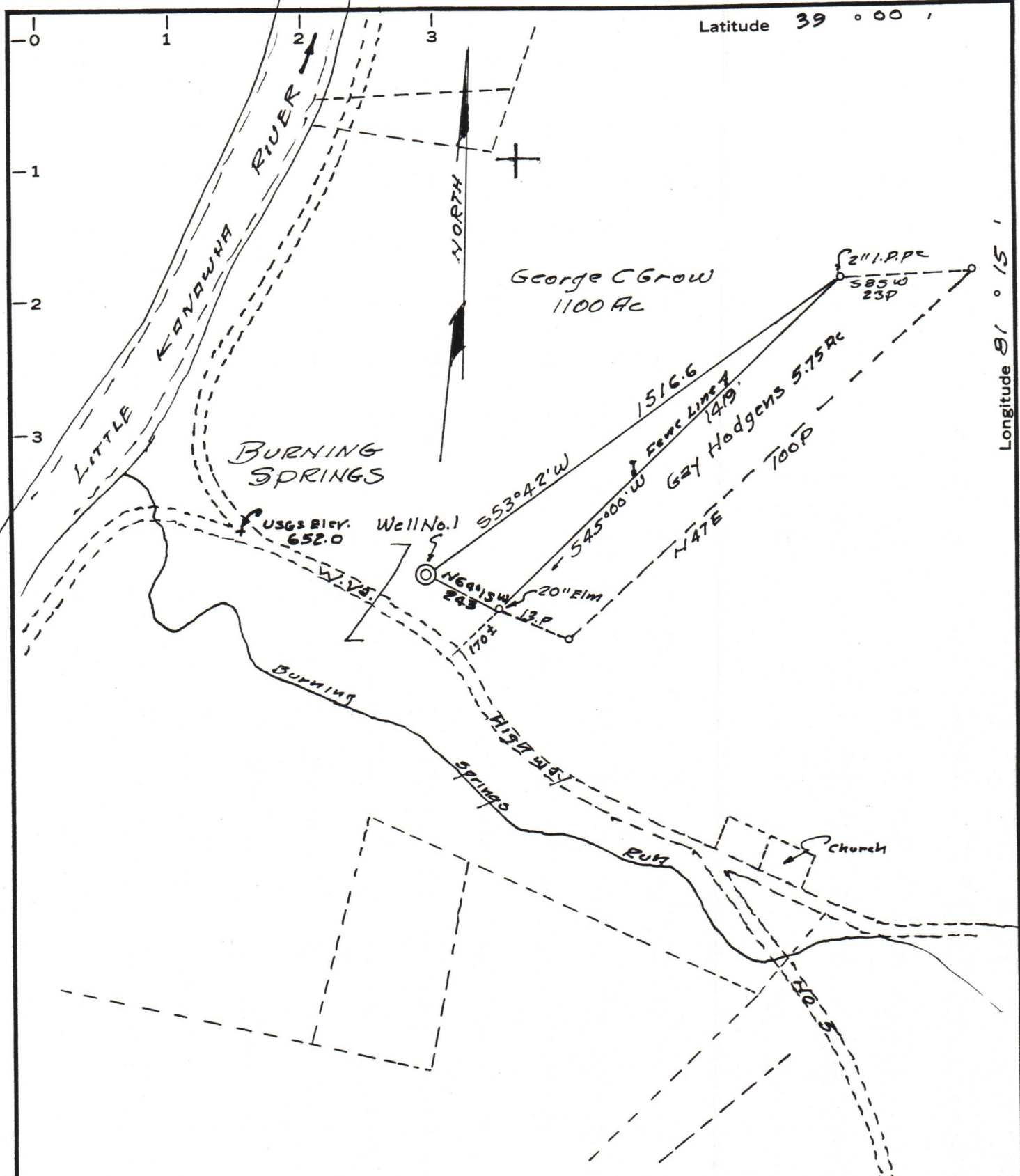
By:

Elmer Cworkman

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.

01/12/2024

2/7/62 CEN



Latitude 39 ° 00 ' 1

Longitude 81 ° 15 ' 1

MINIMUM ERROR OF CLOSURE 1' IN 200

SOURCE OF ELEVATION USGS Elev as shown on plat

Elev. 657.0

New Location
 Drill 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."

Issued 4-17-68

Company WEVA OIL CORP
 Address 7/0 George Powell Union Trust Bldg. Parkersburg, W. Va
 Farm George C. Grow
 Tract _____ Acres 1100 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 661.2
 Quadrangle Spencer
 County Wirt District Burning Springs
 Engineer Raymond S. Tolson
 Engineer's Registration No. 4801
 File No. _____ Drawing No. _____
 Date Mar. 4, 1968 Scale 1" = 400

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

WELL LOCATION MAP
 FILE NO. WIR-548-P

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.