

11,900

Latitude 38° 30'

0.97 Mi. S.

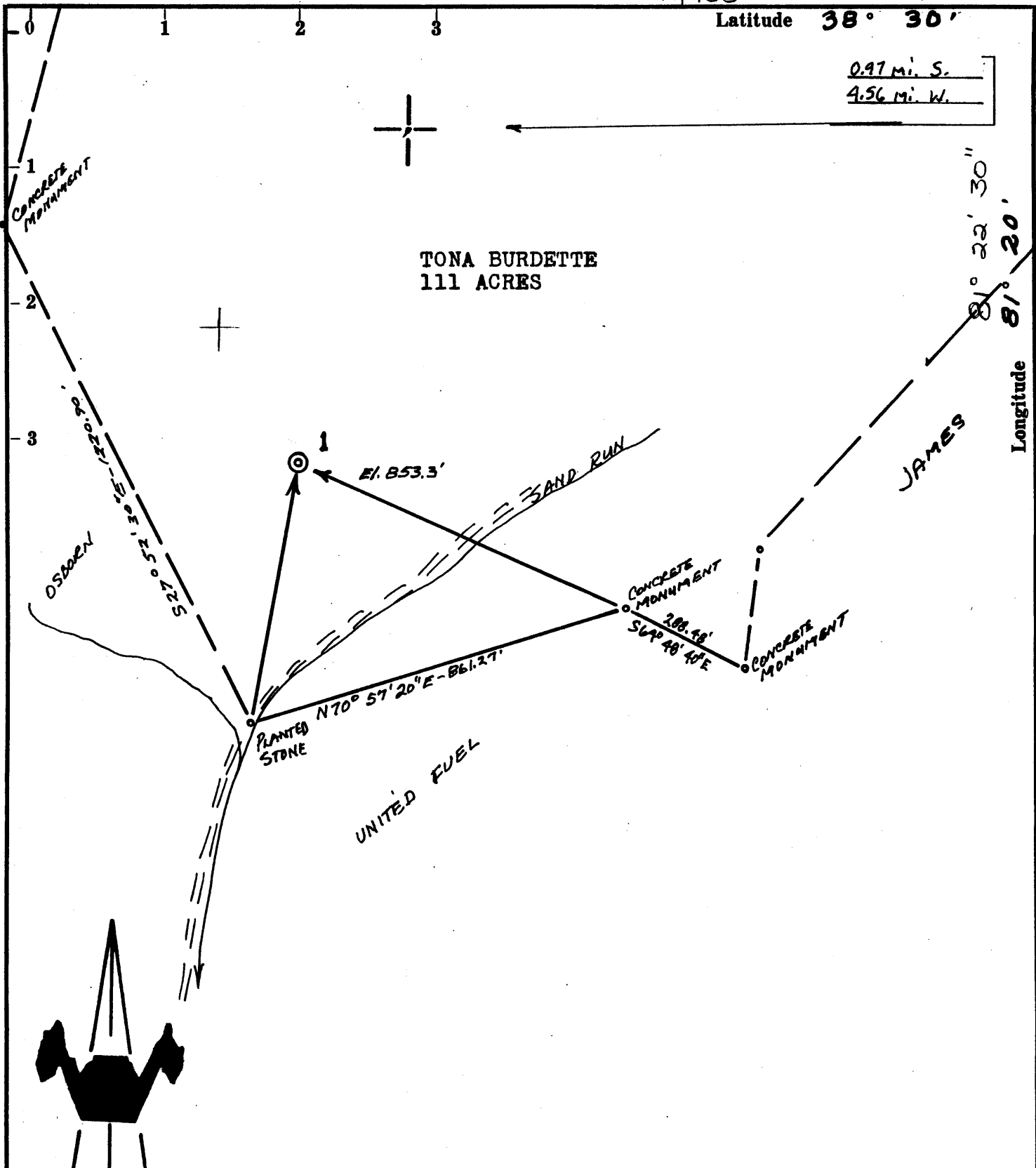
4.56 Mi. W.

0097

TONA BURDETTE  
111 ACRES

81° 22' 30"  
81° 20'

Longitude



ACCURACY: 1" / 200'

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

10/24/67

Source of Elevation USBM @ FALLING ROCK (607')

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.

*Chet Waterman*

Company Quaker State Corporation  
Address P.O. Box 189-Belpre, Ohio 45714-0189

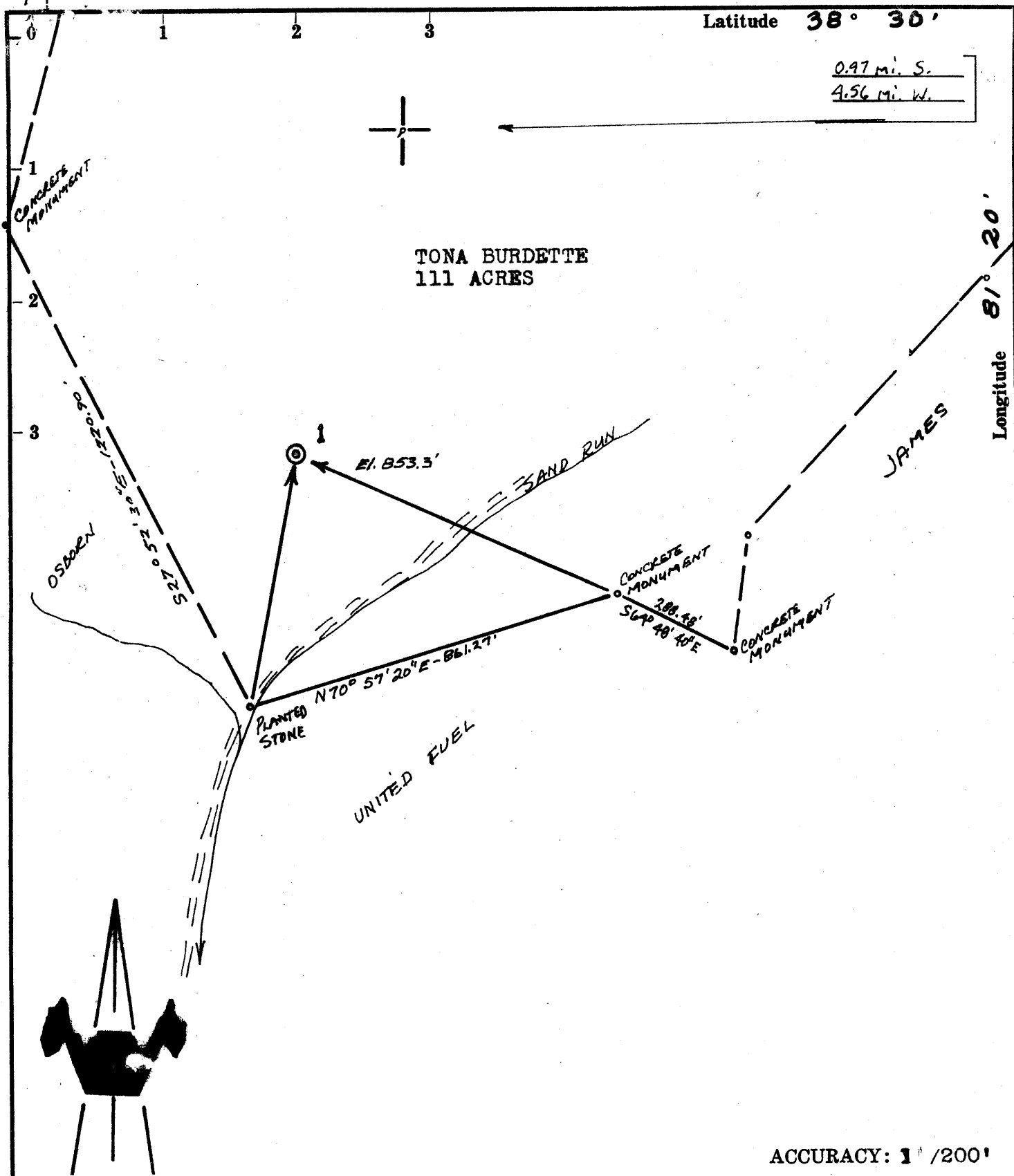
Farm	<u>TONA BURDETTE</u>	
Tract	Acres <u>111</u>	Lease No. _____
Well (Farm) No.	<u>1</u>	Serial No. _____
Elevation (Spirit Level)	<u>853.3'</u>	
Quadrangle	<u>CLENDENIN</u>	
County	<u>KANAWHA</u>	District <u>BIG SANDY</u>
Engineer	<u>CHET WATERMAN</u>	
Engineer's Registration No.	<u>3788</u>	
File No.	<u>67003-44</u>	Drawing No. _____
Date	<u>4/26/67</u>	Scale <u>1" = 300'</u>

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

WELL LOCATION MAP  
FILE NO. KAN \* 2114 - P

+ 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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Source of Elevation USBM @ FALLING ROCK (607')

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.

*Chet Waterman*

Company	JOSEPH S. GRUSS	
Address	SPENCER, W. VA.	
Farm	TONA BURDETTE	
Tract	Acres 111	Lease No.
Well (Farm) No.	1	Serial No.
Elevation (Spirit Level)	853.3'	
Quadrangle	CLENDENIN	NW 11C
County	KANAWHA	District BIG SANDY
Engineer	CHET WATERMAN	
Engineer's Registration No.	3788	
File No.	67003-44	Drawing No.
Date	4/26/67	Scale 1" = 300'

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

WELL LOCATION MAP

FILE NO. KAN - 2114

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MAY 25 1967

6-6-217



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage   
Oil or Gas Well  (KIND)

0.1  
Day  
Oil  
0.11

Quadrangle Clendenin

WELL RECORD

Permit No. KAN-2114

Company Joseph S. Gruss  
Address Box #71, Spencer, W. Va.  
Farm Tona Burdette Acres 111  
Location (waters) Sand Run  
Well No. 1 Elev. 853  
District Big Sandy County Kanawha  
The surface of tract is owned in fee by Tona Burdette  
Address Elkview  
Mineral rights are owned by Tona Burdette  
Address Elkview  
Drilling commenced 6/20/67  
Drilling completed 6/24/67  
Date Shot From To  
With  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume Cu. Ft.  
Rock Pressure lbs. hrs.  
Oil No Show 2.0 bbls bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS)

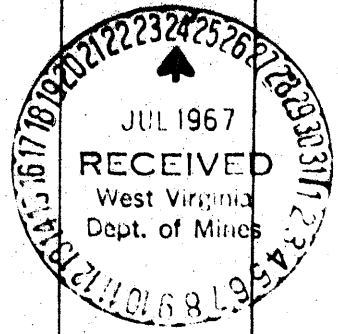
Casing and Tubing Size	Used in Drilling	Left in Well	Packers
16			Kind of Packer
13			
10			Size of
8 1/4	177	177	
6 5/8			Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.  
CASING CEMENTED 4 SIZE 1939 No. Ft. 6/20/67 Date  
Amount of cement used (bags) 120  
Name of Service Co. Howco  
COAL WAS ENCOUNTERED AT FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) 30,000# 20/40 and 30,000 Gallons Fresh Water

RESULT AFTER TREATMENT (Initial open Flow or bbls.)  
ROCK PRESSURE AFTER TREATMENT HOURS  
Fresh Water Feet Salt Water Feet  
Producing Sand Big Injun Depth 1820-1856

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Rock			0	45			
Sand			45	97			
Shaly Sand			97	120			
Red Rock			120	150			
Shale			150	200			
Sand			200	260			
Red Rock and Shale			260	800			
Shale			800	1150			
Salt Sand			1150	1523			
Shale and Sand			1523	1588			
Sand			1588	1618			
Limy Sand			1618	1713			
Lime			1713	1816			
Sand <u>Big Injun</u>			1816	1858			
Shale			1858	1948 (T.D.)			



38  
-Oct-91

API # 47- 39-02114-P

STATE OF WEST VIRGINIA  
DIVISION OF ENERGY  
SECTION OF OIL AND GAS

RECEIVED  
Oil & Gas  
Section  
JUN 04 92  
W Division of  
Environmental Protection

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: BURDETTE, TONA Operator Well No.: T. BURDETTE #1

LOCATION: Elevation: 853.30 Quadrangle: BLUE CREEK  
District: BIG SANDY County: KANAWHA  
Latitude: 4600 Feet South of 38 Deg. 30 Min. 0 Sec.  
Longitude 11900 Feet West of 81 Deg. 22 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS \_\_\_\_\_ WASTE INJECTION X

Company: Quaker State Corporation Coal Operator N/A  
P. O. Box 189 or Owner \_\_\_\_\_  
Belpre, OH 45714 \_\_\_\_\_

Agent: Frank Rotunda Coal Operator N/A  
or Owner \_\_\_\_\_

Permit Issued: 10/24/91

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Kanawha ss:

Timothy S. Knobloch and George Cumberledge being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Carlos Hively Oil and Gas Inspector representing the Director, say that said work was commenced on the 28th day of April, 1992, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Class A CMT (15 SX)	1850'	1650'		
6% GEL	1650'	897'	4 1/2" (897-0)	(897-1850)
Class A CMT (35 SX)	897'	797'		
6% GEL	797'	230'		
Class A CMT (100SX)	230'	0'		

Description of monument: 6 5/8" Casing (4' above ground) 47-039-02114P 4/29/92  
and that the work of plugging and filling said well was completed on the 29th day of April, 1992.

And further deponents saith not.

Sworn and subscribe before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
My commission expires: \_\_\_\_\_

Timothy S. Knobloch  
Frank Rotunda  
\_\_\_\_\_  
Notary Public JUN 16 1992

Oil and Gas Inspector: Carlos Hively