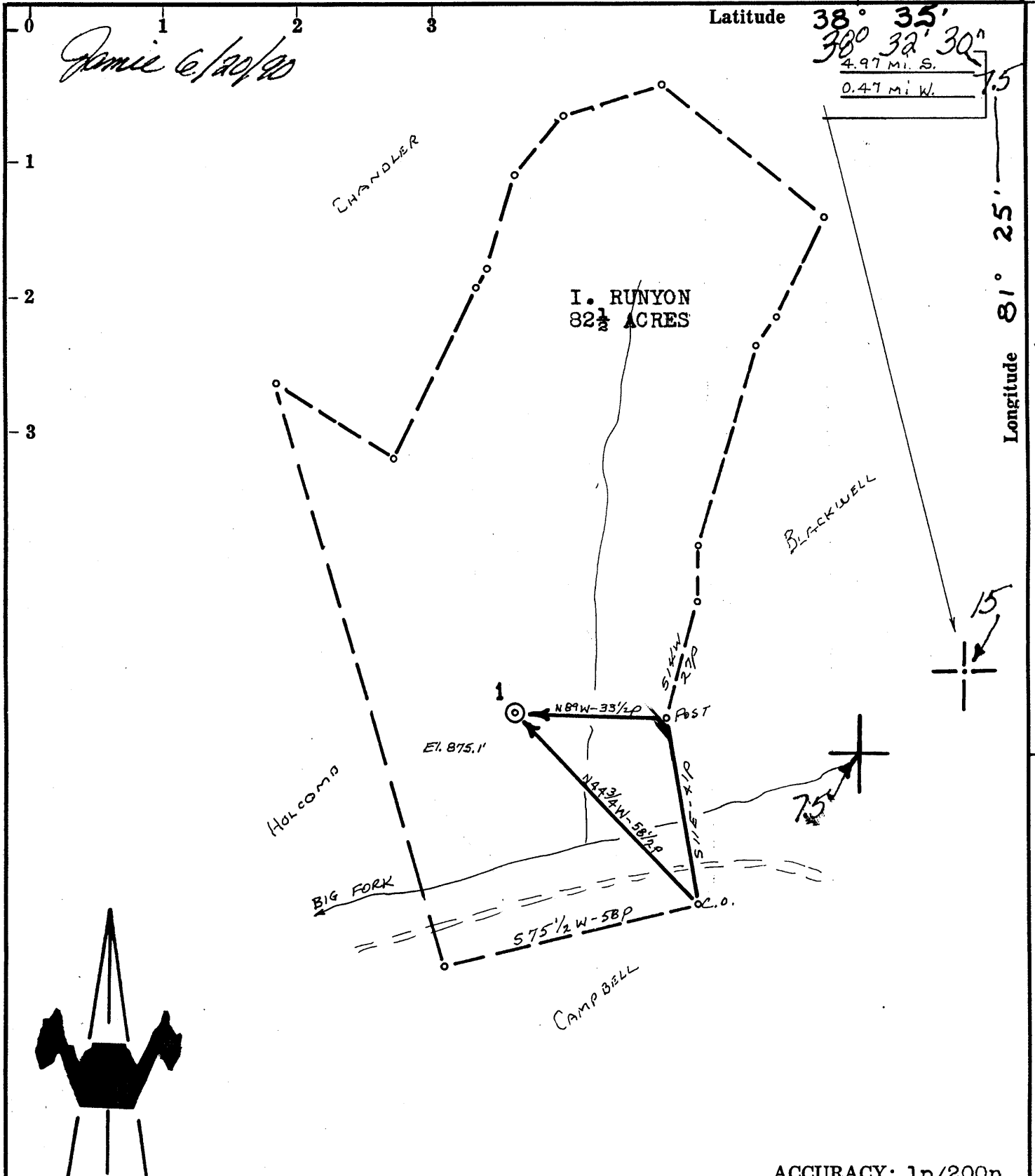


← 2450' →



ACCURACY: 1p/200p

New Location Source of Elevation USBM #L-96 along road on property (865')

Drill Deeper

Abandonment 6/25/90

Fracture

Redrill

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 Corp.

Address Box 189, BELLEVILLE, OH 45714

Farm I. RUNYON

Tract Acres 82 1/2 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 875.1'

Quadrangle WALTON 15/Kettle 7.5

County KANAWHA District BIG SANDY

Engineer CHET WATERMAN

Engineer's Registration No. 3788

File No. 67003-31 Drawing No. _____

Date 4/4/67 Scale 1" = 30p

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

WELL LOCATION MAP

FILE NO. KAN - 2108 P
47-039

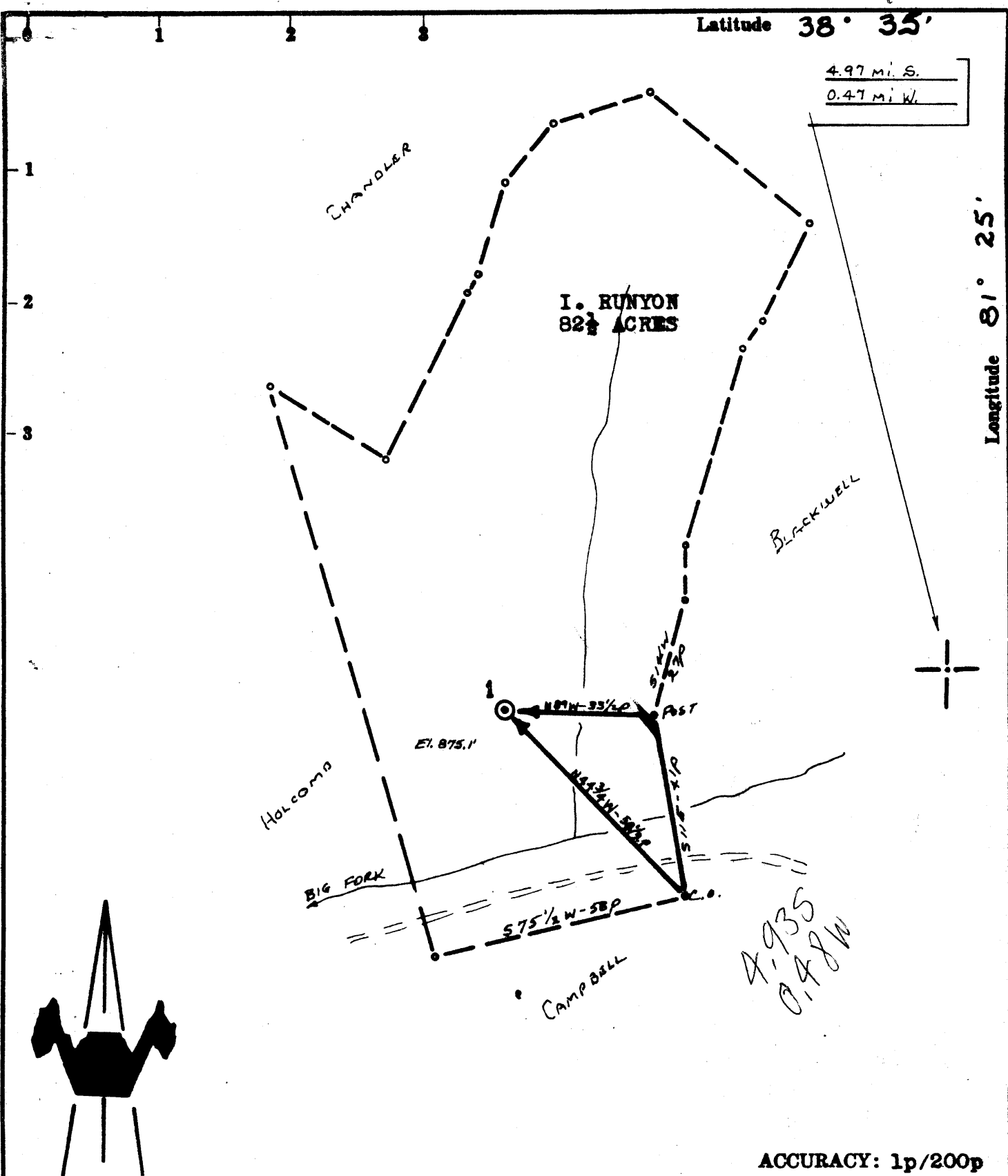
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown. JUN 29 1990

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

Latitude 38° 35'

4.97 mi. S.
0.47 mi. W.

Longitude 81° 25'



ACCURACY: 1p/200p

Source of Elevation USBM #L-96 along road on property (865')

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

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	I. RUNYON	
Tract	Acres 82½	Lease No.
Well (Farm) No.	1	Serial No.
Elevation (Spirit Level)	875.1'	
Quadrangle	WALTON	5W
County	KANAWHA	District BIG SANDY
Engineer	CHET WATERMAN	
Engineer's Registration No.	3788	
File No.	67003-31	Drawing No.
Date	4/4/67	Scale 1" = 30p

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

WELL LOCATION MAP
FILE NO. KAN - 2108

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Clendenin

Permit No. Kan-2108

WELL RECORD

Oil or Gas Well

Oil
(KIND)

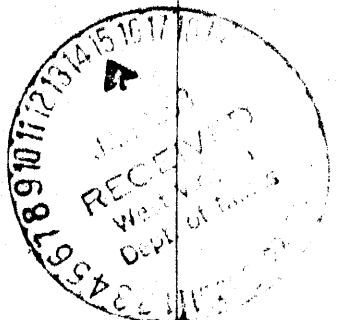
Company	Address	Farm	Location (waters)	Well No.	District	The surface of tract is owned in fee by	Mineral rights are owned by	Drilling commenced	Drilling completed	Date Shut	With	Open Flow	Volume	Rock Pressure	Oil	WELL ACIDIZED (DETAILS)	WELL FRACTURED (DETAILS)	RESULT AFTER TREATMENT (Initial open Flow or bbls.)	ROCK PRESSURE AFTER TREATMENT	Fresh Water	Producing Sand	
Mareve Oil Corp.	P. O. Box 471, Spencer, W. Va.	I. Runyon	Big Fork of Little Sandy	#1	Big Sandy	I. Runyon	I. Runyon	8-28-67	9-3-67	11-21-67	Glass Jetts	10ths Water in	No Show				500 gal Rig HE acid and 28,000# 20-40 sd.	28 BOPD			Big Injun	

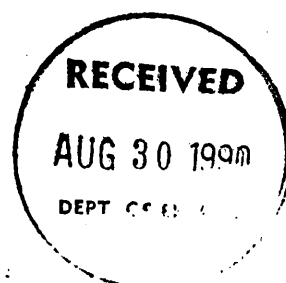
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 5/8	168	168	
6 3/4			Perf. top
5 3/16			Perf. bottom
4 1/2	1956	1956	
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.
 Casing Cemented 4 1/2" size 1956 No. Ft. 9-3-67 Date
 Amount of cement used (bags) 150
 Name of Service Co. HOWCO
 COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)
 WELL FRACTURED (DETAILS)
 RESULT AFTER TREATMENT (Initial open Flow or bbls.)
 ROCK PRESSURE AFTER TREATMENT
 Fresh Water Feet
 Producing Sand Big Injun Depth 1840-1860

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Clay			0	125			
Red Rock			125	175			
Red Rock			175	360			
Sand			360	550			
Shale			550	680			
Sand			680	760			
Shale			760	840			
Sand & Shale			840	1350			
Sand			1350	1640			
Lime			1640	1810			
Sand Big Injun			1810	1890		Jan 1840-1860	
Shale			1890	1965			





AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE 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.

N/A
Coal Operator or Owner

Address

N/A
Coal Operator or Owner

Address

Irene Runyon
Lease or Property Owner

2743 Penn Ave., Charleston, WV
Address

Quaker State Corporation
Name of Well Operator

P.O. Box 189 Belpre, OH 45714
Complete Address

August 28 19 90

WELL AND LOCATION

Big Sandy District

Kanawha County

WELL NO. 1

Irene Runyon Farm

STATE INSPECTOR SUPERVISING PLUGGING Carols Hively

AFFIDAVIT

STATE OF OHIO
County of Athens

ss:

Timothy S. Knobloch and Timothy R. Clever

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 Quaker State Corporation, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 23rd day of August, 19 90, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
0 - 100	Class A Cement	31 sx.		
100 - 165	6% Gel			
165 - 248	Class A Cement	31 sx.		168' 8 5/8"
248 - 580	6% Gel			
580 - 680	Class A Cement	31 sx.	680'	4 1/2"
680 - 1760	6% Gel			1276' 4 1/2"
1760 - 1860	Class A Cement	10 sx.		
Coal Seams		Description of Monument		
(Name) N/A		47-039-2108P		
(Name)		P&A 8/23/90		
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 23rd day of August, 19 90.

And further deponents saith not.

Sworn to and subscribed before me this 28th day of August, 19 90.

Tina J. Russell
Notary Public, State Of Ohio

Tina J. Russell
Notary Public

My commission expires:

My Commission Expires June 23, 1995

Permit No. 47-039-2108