

CO: 087 PMT: 1323
 Loc Digitized from OGIS 7.5' Mylar
 QUAD: 656 DATE: 12-JUN-90
 LAT: 38 40.0 Miles South: 2.14
 LONG: 81 22.5 Miles West : 0.74

ACCURACY: 1' / 200'

New Location Source of Elevation USBM ON RT. 119 (725')
 Drill Deeper
 Abandonment -11-9-88
 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, Beahm, Ohio 40400
 Farm J. GANDEE / Justine Paxton
 Tract _____ Acres 42.8 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 740.9'
 Quadrangle WALTON 15 7.5
 County ROANE District WALTON
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 66003-63 Drawing No. _____
 Date 4/28/66 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. ROA - 1323 - P
47-087

+ 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.

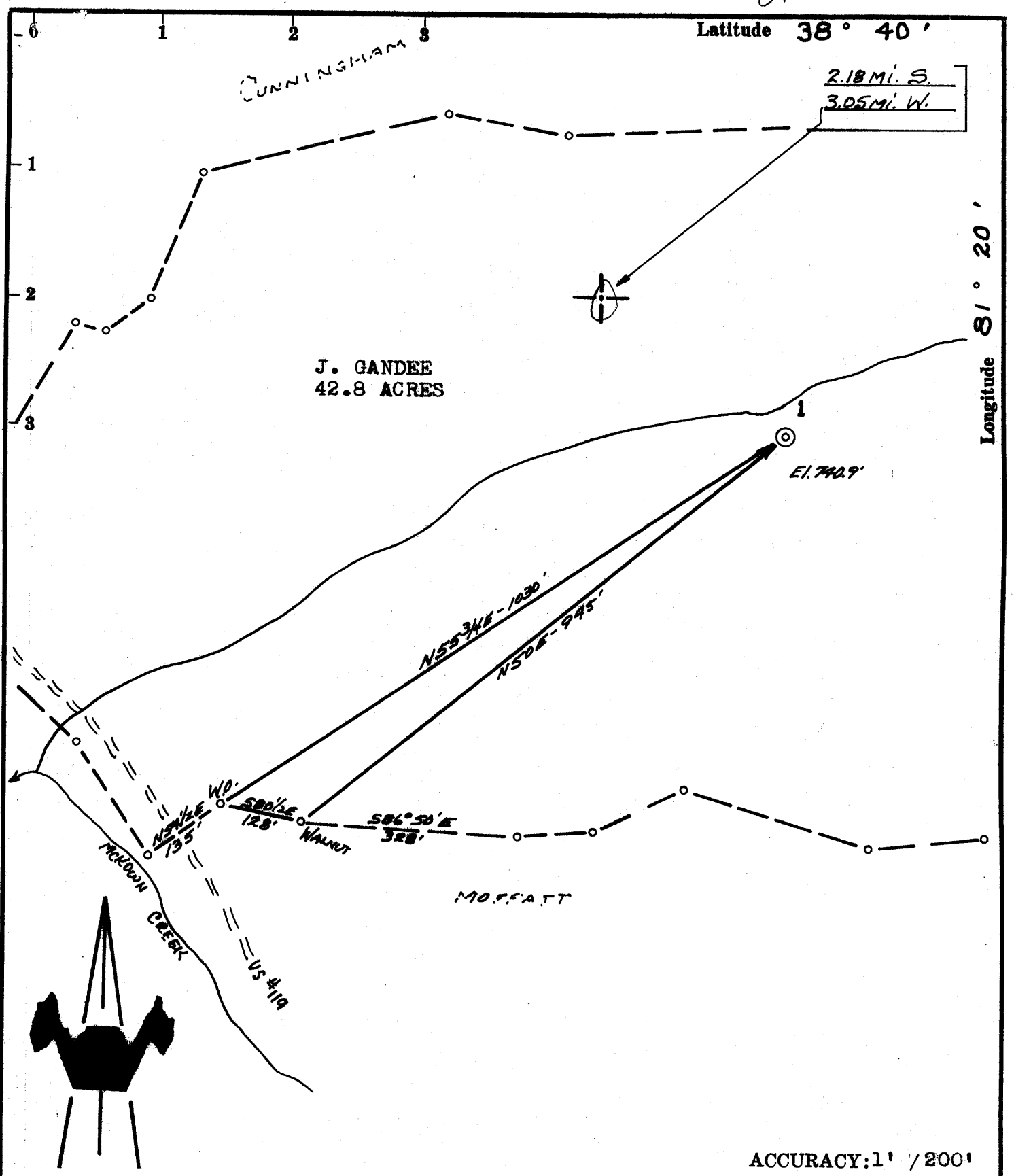
— Denotes one inch spaces on border line of original tracing.

10 1988

M.

OK. W

P.



ACCURACY: 1' / 200'

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

Source of Elevation USBM ON RT. 119 (725')

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	JOSEPH S. GRUSS		
Address	SPENCER, W. VA.		
Farm	J. GANDEE		
Tract	Acres 42.8	Lease No.	
Well (Farm) No.	1	Serial No.	
Elevation (Spirit Level)	740.9'		
Quadrangle	WALTON - C		
County	ROANE	District	WALTON
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	66003-63	Drawing No.	
Date	4/28/66	Scale	1" = 200'

STATE OF WEST VIRGINIA
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WELL LOCATION MAP
 FILE NO. ROA - 1323

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6-6-196



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Walton
Permit No. RDAD 1323

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company Joseph S. Gruss
Address 30 Broad St. N.Y., N.Y.
Farm J. Gandee Acres 43
Location (waters) McKawn
Well No. 1 Elev. 741
District Walton County Roane
The surface of tract is owned in fee by J. Gandee
Address Clendenin, W. Va.
Mineral rights are owned by J. Gandee
Address Clendenin, W. Va.

Drilling commenced 7-19-66
Drilling completed 7-23-66
Date Shot From To
With

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil show bbls., 1st 24 hrs.

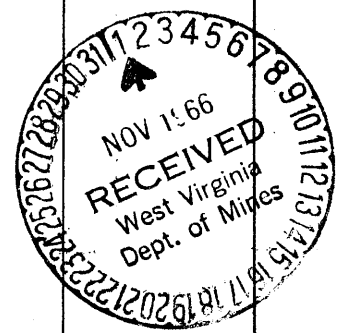
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 30,000 # 20/40 sand and 30,000 gallons gelled fresh water

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 7 barrels oil per day
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Big Injun Depth 1880-1926

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4	172	172	
6 5/8			
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 1 7/8 No. Ft. 7-23-66 Date
Amount of cement used (bags) 100
Name of Service Co. Howan
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
rock			0	40			
rock & shale			40	177			
lime			177	256			
lime & redrock			256	712			
lime with rock			712	1117			
lime rock			1117	1305			
lime			1305	1510			
lime			1510	1625			
sand			1625	1835			
lime			1835	1874			
pay sand			1874	1924			
shale			1924	1974			



RECEIVED
Division
AUG 06 90
Permitting
Oil and Gas Section

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, 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	Quaker State Corporation
Coal Operator or Owner	Name of Well Operator
Address	P.O. Box 189 Belpre, OH 45714
N/A	Complete Address
Coal Operator or Owner	July 25 19 90
Address	WELL AND LOCATION
Justine Paxton	Walton District
Lease or Property Owner	Roane County
General Delivery Walton, WV	WELL NO. 1
Address 25286	Gandee Farm

STATE INSPECTOR SUPERVISING PLUGGING Homer Daugherty

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Wood ss:
Roger Atkinson and Timothy 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 4th day of June, 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
	Cement	0 - 250 (80 sx)		172
	Gel	250 - 350		
	Cement	350 - 450 (20 sx)		
	Gel	450 - 670		
	Cement	670 - 870 (35 sx)		
	Gel	870 - 1470	900	
	Cement	1470 - 1770 (25 sx)		
Coal Seams		Description of Monument		
(Name)		Gandee #1		
(Name)		47-087-1323P		
(Name)		6/4/90 P&A		
(Name)		6" casing marker		

8 5/8"

4 1/2"

and that the work of plugging and filling said well was completed on the 4th day of June, 19 90.
And further deponents saith not.

Sworn to and subscribed before me this 25th day of July, 19 90
[Signature]
Notary Public

My commission expires: 6-11-2000
Permit No. 087-1323

AUG 10 1990