

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

Source of Elevation Top of orig. Ground at Edith Street Well No. 2 used — Elev. 1054.93

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.

Chester W. Cottrell

Minimum accuracy, one part in

62500

issued 4/22/74

Company ~~Charles Mutschelknauss & Carl Martin~~ ~~Dodd & M. Oil Company~~ Salem Pipe Supply, Inc.

Address Salem, W. Va. 26426

Farm George W. Sturm & Rose M. Sturm

Tract _____ Acres 31 Lease No. 1

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 1054.93 SC

Quadrangle Centerpoint R. 53

County Doddridge District Greenbrier

Engineer Paul Billingslea

Engineer's Registration No. 298

File No. D-1 SEC M-M Drawing No. 1

Date 9-16-69 Scale 1" = 200'

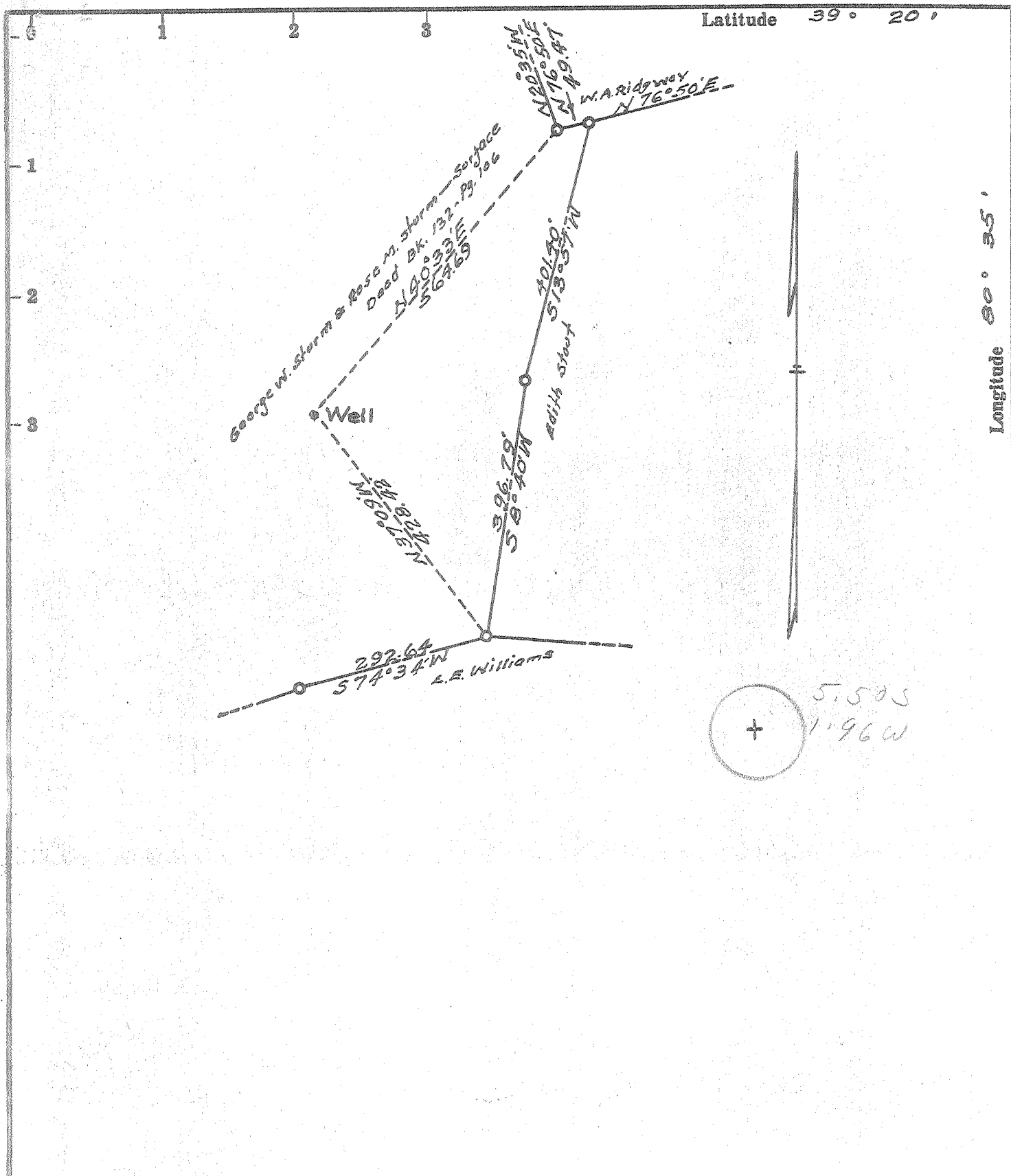
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. Dodd-1580-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.

47-017



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

Source of Elevation Topog. orig. Ground at Edith Street Well No. 2 used - Elev 1054.98

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.

Chester W. Bothell

Minimum accuracy, one part in abt 1:5000

Clarence Mutschelknaus & Carl Martin
Company dbm. & M. Oil Company

Address Salem, W. Va. 26426

Farm George W. Sturm & Rose M. Sturm

Tract _____ Acres 31 Lease No. 1

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 1054.93

Quadrangle Centerpoint 3C

County Doddridge District Greenbrier

Engineer Paul Billingslea
Chester W. Cottrell, Harrison G. Eng.

Engineer's Registration No. 298

File No. D-1 SEC M-M Drawing No. 1

Date 9-16-69 Scale 1" = 200'

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

WELL LOCATION MAP
FILE NO. Dodd-1580

+ 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.

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39-30
7-13



RECEIVED
MAR 25 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle Centerpoint
Permit No. DODD-1580

Company M. & M. Oil Co.
Address Salem, W. Va.
Farm Rose Sturm Acres 31
Location (waters) Buffle Calf
Well No. One Elev. 1054
District Greenbrier County Doddridge
The surface of tract is owned in fee by Rose M. Sturm
Address Salem, W. Va.
Mineral rights are owned by Rose M. Sturm & Richards
Hairs. Address Salem, W. Va.
Drilling commenced 3-20-1970
Drilling completed 3-29-1970
Date Shot From To
With
Open Flow /10ths Water in Not Taken Inch
/10ths Merc. in Inch
Volume Show Cu. Ft.
Rock Pressure Not Taken lbs. hrs.
Oil Show bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20	20	
10			Size of
8 1/4	815	815	
6 3/4			Depth set
5 3/16			
4 1/2	2319	2319	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 1000-BBL. Water, 500 Gal. Acid, & 30,000 Lbs. Sand.

Attach copy of cementing report. XXX815 3-26-1970
CASING CEMENTED 4 1/2 SIZE 2319 No. Ft. 3-29-1970 Date
Amount of cement used (bags) 285 Bags.
Name of Service Co. Garaton Service Inc.
COAL WAS ENCOUNTERED AT 776-788 FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1-BBL. Per Day
ROCK PRESSURE AFTER TREATMENT 300 HOURS
Fresh Water 78 Feet Salt Water Feet
Producing Sand Big Injun Depth 2210 to 2250

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil	G	S	0	75			
Sand	G	H	75	97			
Slate	B	S	97	167			
" Shell	G	S	167	338			
Red Rock	R	S	338	427			
Sand	G	M	427	465			
Slate & Sh.	G	M	465	834			
Red Rock	R	S	834	776			
Coal	B	S	776	785			
Sl. & Shell	G	M	785	897			
Red Rock	R	S	897	962			
Sand	G	H	962	989			
Slate	B	M	989	1115			
Sl. & Shell	B	M	1115	1389			
Lime	G	H	1389	1469			
Sl. & Shell	G	M	1469	1740			
Sand	G	H	1740	1760			
Sl. & Shell	B	M	1760	1854			
Lime	G	H	1854	1910			
Shells	G	M	1910	1950			
Sand	G	H	1950	1970			
Slate Shell	B	M	1970	2156			
Lime	G	H	2156	2212			
Sand <u>Big Injun</u>	G	H	2212	2300			
Slate	B	S	2300	2337			