

THE STATE OF OHIO

DEPARTMENT OF REVENUE

Revenue Department

Box 100, Cincinnati, Ohio

Address unknown

Grant

Grant

Grant

Grant

John James Grant

John James Grant, Inc.

Cincinnati, Ohio

John James Grant

John James Grant, Inc.

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DEPARTMENT OF REVENUE

Box 100, Cincinnati, Ohio

John James Grant

John James Grant

10/06/2023

A-10

August 11, 1951

Quaker State Oil and Gas Company
Box 1789
Parkersburg, West Virginia

Gentlemen:

Enclosed is permit WEST-374 to drill Well
No. 142 on the John Mills Estate Farm, Grant District,
Wetzel County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
Encl-2

CC: Inspector Oliver W. Lineberg

10/06/2023

A-11

February 28, 1952

Quaker State Oil Refining Corporation
P. O. Box 1789
Parkersburg, West Virginia

Gentlemen:

Please send two copies of well record of
the drilling of Well No. 142 on the John Mills Estate
Farm, Grant District, Wetzel County for which permit
WET-374 was issued August 11, 1951.

Forms OG-10 are enclosed.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
CC: Inspector D. F. Desist

10/06/2023

B-2

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime			2000	2084			
Sand-Big Injun			2084	2290	(Gas show (Oil (Water	2084 2098 2184	Baker core) 2089-2102)
Shale	Dark		2290	2318			
Shale		Gritty	2318	2320			
Shale & Shells			2320	2407			
Sand-Limey		Hard	2407	2610			
Lime & Shells			2610	2630			
Sand			2630	2659			
Lime & Shells			2659	2701			
Pink Rock			2701	2723			
Shale			2723	2731			
Sand		Hard	2731	2756			
Shale			2756	2778			
Shale		Sandy	2778	2839			
Gordon Stray			2839	2845			
Shale			2745	2748			
Gordon			2848	2896	(Gas (Oil	2856 2862	Baker core 2856-2875
Shale			2896	2932			
Lime Shells			2932	2945			
Total Depth			2945	2945			

10/06/2023

Date February 25, 1952

APPROVED QUAKER STATE OIL REFINING CORP., Owner

By *H. F. Johnston*
H. F. Johnston (Title) Geologist.

B-1



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Littleton

WELL RECORD

Permit No. WET-374

Oil or Gas Well Oil
(KIND)

Company QUAKER STATE OIL REFINING CORPORATION
Address Box 1789, Parkersburg, W. Va.
Farm John Mills Estate Acres 5200
Location (waters) Buffalo Run
Well No. 142 Elev. 1006
District Grant County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Mills Wetzel Lands, Inc.
Address Marietta, Ohio.
Drilling commenced July 1, 1951
Drilling completed January 24, 1952
Date Shot 11/23/51 From 2857 To 2881
12/6/51 From 2080 To 2111
With 60 qts. in Gordon; 70 qts. in B. I.
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 10 bbls., 1st 24 hrs.
Fresh water 400 feet _____ feet
Salt water 1690, 1775 feet 2184 feet

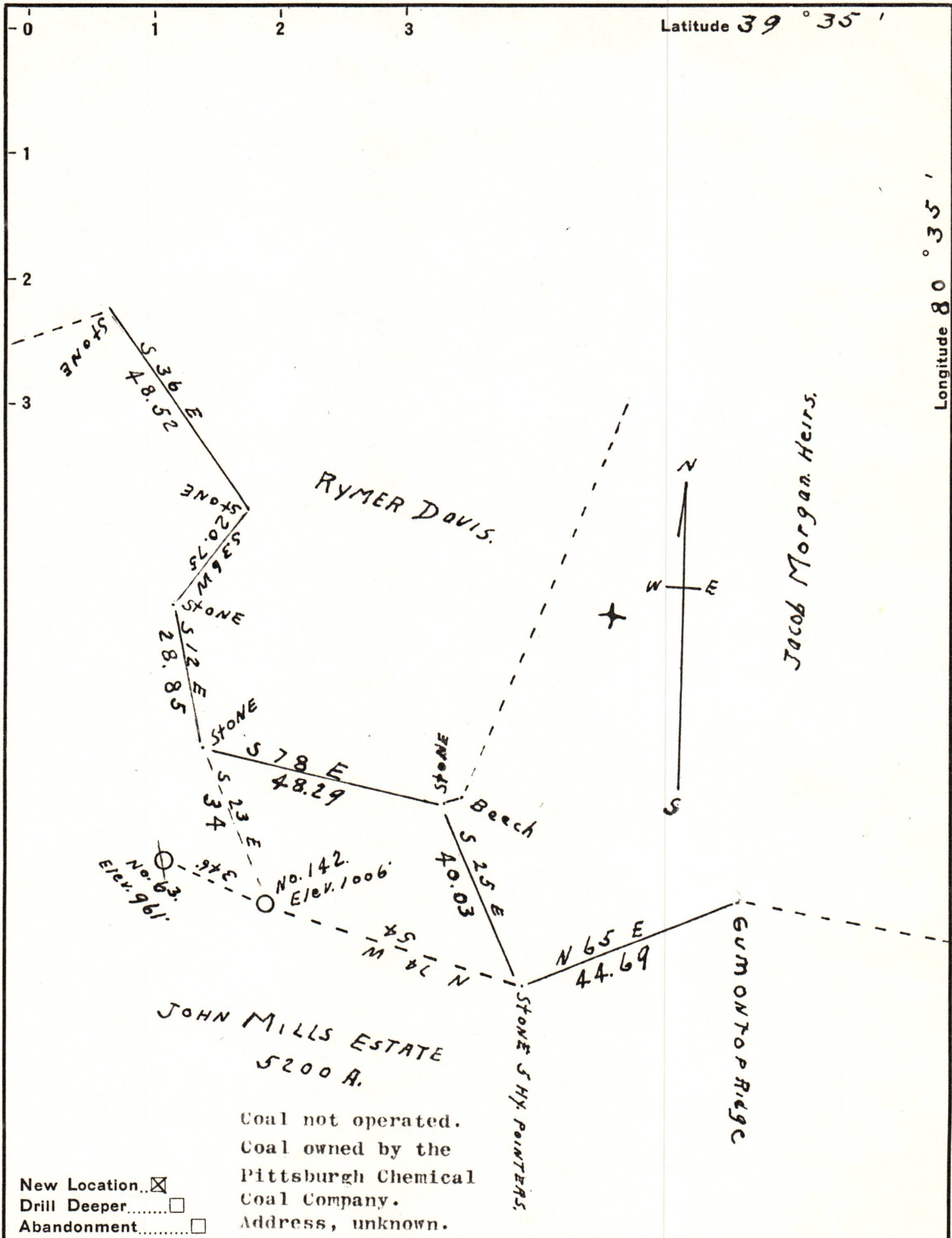
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Bottom hole
13			Size of <u>5-3/16"</u>
10	398		Depth set <u>2718</u>
8 1/4	1249		Perf. top <u>2071</u>
6 5/8	2002	2002	Perf. bottom <u>2111</u>
5 3/16	2718	2718	Perf. top _____
3			Perf. bottom _____
2	2911	2911	
Liners Used			
4-1/4	237	237	

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>450</u> FEET <u>454</u> INCHES			
<u>663</u> FEET <u>667</u> INCHES <u>750</u> FEET <u>755</u> INCHES			
FEET INCHES FEET INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale & Shells			0	80			
Shale & Sand			80	400	Water		4 bailers
Sand			400	450			
Coal			450	454			
Shale & Sand			454	500			
Lime	Dark		500	550			
Red Rock	Red	Soft	550	600			
Lime	Gray	Hard	600	663			
Coal-Mapletown			663	667			
Shale & Lime	Dark	Med.	667	750			
Coal-Pittsburgh			750	755			
Lime	Gray	Hard	755	775			
Red Rock		Soft	775	800			
Slate	White		800	825			
Sand	White	Hard	825	875			
Shale	Gray	Med.	875	950			
Red Rock			950	955			
Sand	Gray	Hard	955	995			
Red Rock		Med.	995	1030			
Lime & Shale			1030	1247			
Sand-Big Dunkard		Hard	1247	1274			
Lime & Shale	Gray	H & S	1274	1374			
Sand	White	Hard	1374	1420			
Shale	Dark	Hard	1420	1460			
Sand	White	Hard	1460	1510			
Slate	Black		1510	1600			
Sand	White	Hard	1600	1635			
Shale			1635	1645			
Sand	White	Hard	1645	1700	Water	1690	2 bailers
Slate	Dark	Soft	1700	1775			
Sand	White		1775	1815	Water	1775	10/06/2023 70 gal/hr.
Shale			1815	1839			
Sand-Maxton	White	Hard	1839	1903			
Red Rock			1903	1944			
Lime		Hard	1944	1960			
Shale		Soft	1960	1970			
Lime			1970	1997			
Pencil Cave			1997	2000			



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Company Quaker State Oil Refining Corp.
 Address Parkersburg, West Virginia;
 Farm John Mills, Estate,
 Tract One Acres 5200 Lease No. _____
 Well (Farm) No. 142, Serial No. _____
 Elevation (Spirit Level) 1006 Feet
 Quadrangle Littleton,
 County Wetzel District Grant
 Engineer J.M. Cochran.
 Engineer's Registration No. Co; Surveyor,
 File No. _____ Drawing No. _____
 Date July 24" 1951 Scale 1-in = 400 Feet.

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

WELL LOCATION MAP
 FILE NO. Wct-374 10/06/2023

+ 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.