

- Fracture....
- Redrill.....
- New Location
- Drill Deeper
- Abandonment  - 7/9/90

Source of Elevation U.S.G.S. Bench, Elev. 616.0

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.

Minimum accuracy, one part in 500'

Company DURST Oil & GAS

Address Rt 2 Box 539, Pt Pleasant, WV. 25350

Farm GORDON P. CORBITT, ET UX.

Tract Sheet 90 Acres 123 Lease No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 622 MARIETTA 15'

Quadrangle Valley Mills, 7 1/2 Min. Series

County Wood District Union

Surveyor or Engineer Paul K. Marshall

Surveyor's or Engineer's Registration No. L.L.S. 580

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date May 19, 1980 Scale 1" = 40P. = 660'

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

**WELL LOCATION MAP**  
FILE NO. 107-1037 P

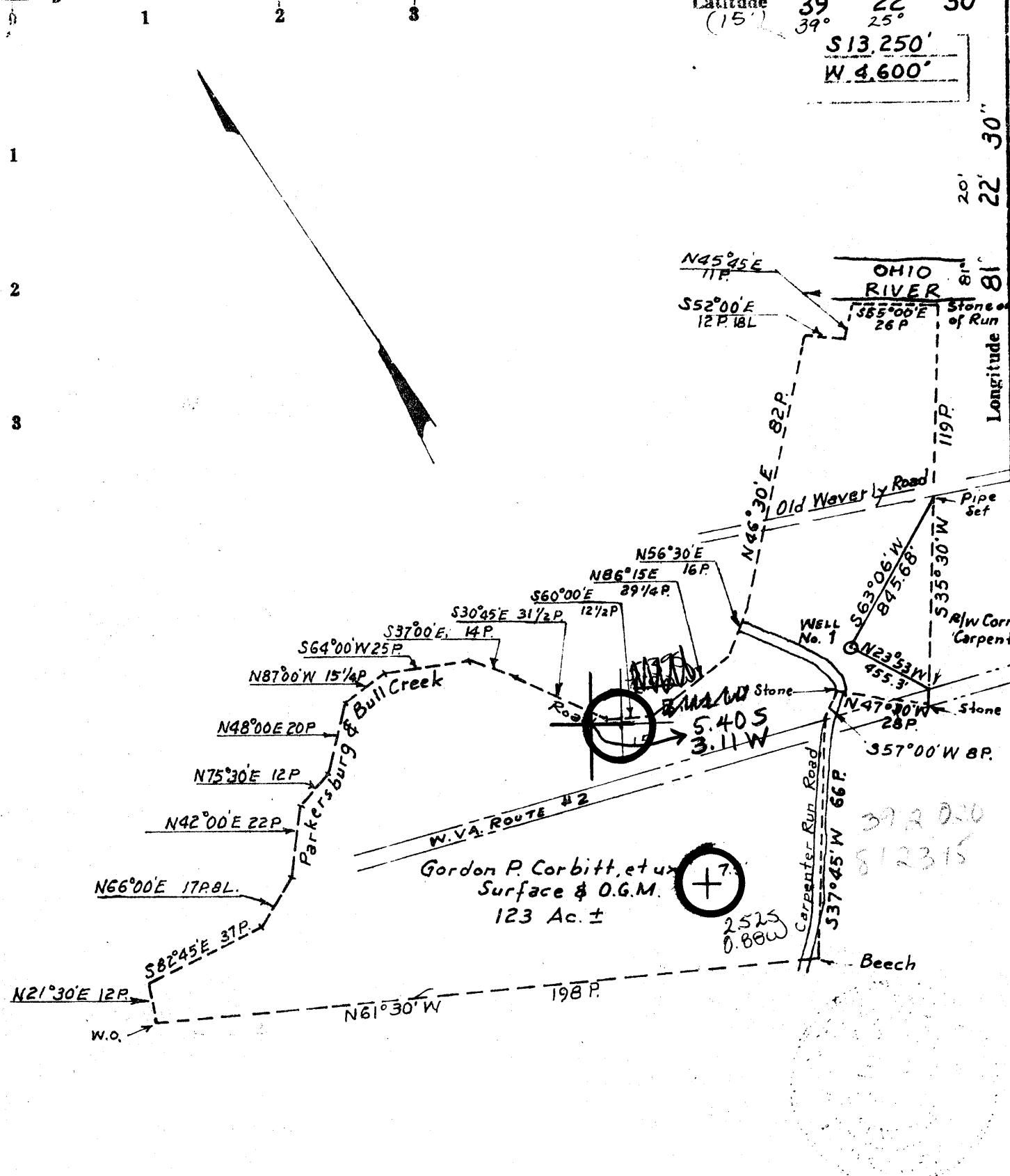
+ Denotes location of well on United states Topographic Maps, scale 1 to 2000' latitude and longitude lines being represented by border lines as shown.

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

2500' GORDON

Latitude 39° 22' 30" (15')

S 13,250'  
W 4,600'



Gordon P. Corbitt, et ux  
Surface & O.G.M.  
123 Ac. ±

392 020  
812315

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

Source of Elevation U.S.G.S. Bench, Elev. 616.0

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.

Minimum accuracy, one part in 500'

Company QUAKER STATE OIL REFINING CORP.  
 Address \_\_\_\_\_  
 Farm GORDON P. CORBITT, ET UX.  
 Tract Sheet 90 Acres 123 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 622 MARIETTA 15'  
 Quadrangle Valley Mills, 7 1/2 Min. Series C  
 County Wood District Union  
 Surveyor or Engineer Paul K. Marshall  
 Surveyor's or Engineer's Registration No. LLS. 580  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date May 19, 1980 Scale 1" = 40P. = 660'

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

WELL LOCATION MAP  
FILE NO 107-1037

+ Denotes location of well on United States Topographic Maps, scale 1 to 2000' latitude and longitude lines being represented by border lines as shown.

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

2500' GORDON

JUL 7 1980 6-6 Waverly (71)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary XX Oil XX  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle Valley Mills 7.5'

Permit No. 47-107-1037

Company <u>QUAKER STATE OIL REFG. CORP.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 1327, Parkersburg, WV 26101</u>	Size			
Farm <u>G.P. Corbitt</u> Acres <u>123</u>	20-16			
Location (waters) <u>Carpenter's Run</u>	Cond.			
Well No. <u>1</u> Elev. <u>622</u>	13-10"			
District <u>Union</u> County <u>Wood</u>	9 5/8			
The surface of tract is owned in fee by <u>G.P. Corbitt et ux</u>	8 5/8	288	288	125 sx
Address <u>1615 Percy Ave., Parkersburg, WV 26101</u>	7			
Mineral rights are owned by <u>same as above</u>	5 1/2			
Address _____	4 1/2	2401	2401	180 sx
Drilling Commenced <u>6/21/80</u>	3			
Drilling Completed <u>6/25/80</u>	2			
Initial open flow <u>---</u> cu. ft. <u>---</u> bbls.	Liners Used			
Final production <u>100M</u> cu. ft. per day <u>20</u> bbls.				
Well open <u>---</u> hrs. before test <u>---</u> RP.				

Well treatment details: Attach copy of cementing record.  
 Perforated Gordon on 8/20/80 with 18 shots, from 2303 to 2320.  
 Frac'd Gordon 8/21/80 with 876 bbl. water and 31,000# of sand. Broke at 1300 psi, treated at 1600 psi and 27.5 BPM, I.S.I. 750 psi.  
 Perforated Berea from 1946 to 1954 with 17 holes.  
 Frac'd with 818 bbl. water and 25,000# of sand. Broke at 1500 psi, treated at 1530 psi, and 28 BPM. I.S.I. 850 psi.

Coal was encountered at NA Feet \_\_\_\_\_ Inches \_\_\_\_\_  
 Fresh water NA Feet \_\_\_\_\_ Salt Water NA Feet \_\_\_\_\_  
 Producing Sand Gordon 2292 - 2324 & Berea 1946 - 1953 Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	15		
Shale			15	394		
Shale & Siltstone			394	582		
Sandstone			582	594		
Shale & Siltstone			594	690		
Sandstone			690	710		
Shale			710	745		
Sandstone			745	752		
Shale			752	848		
Sandstone			848	863		
Shale & Siltstone			863	942		
Sandstone			942	982		
Shale			982	1028		
Shale			1028	1045		
Sandstone			1045	1108		
Shale			1108	1126		
Sandstone			1126	1162		
Shale			1162	1173		
Sandstone			1173	1208		
Shale			1208	1218		
Sandstone			1218	1253		
Shale			1253	1299		
Sandstone			1299	1346		

**RECEIVED**  
 SEP 19 1980  
 OIL & GAS DIVISION  
 DEPT. OF MINES

(over)

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet <sup>28</sup>	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			1346	1364		
Sandstone			1364	1410		
Shale			1410	1449		
Sandstone, Big Injun			1449	1572		
Shale & Siltstone			1572	1946		
Sandstone, Berea			1946	1953		
Shale & Siltstone			1953	2292		
Siltstone, Gordon			2292	2324		
Shale			2324	2433 L.T.D.		

Date September 18, 19 80

APPROVED QUAKER STATE OIL REFG. CORP. (Owner)

By Michael C. Brannock

(Title)

Michael C. Brannock, Sr. Geologist



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED  
MAY 28 1980  
OIL & GAS DIVISION  
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE May 27, 1980

Surface Owner Gordon P. Corbitt, etux Company QUAKER STATE OIL REFG. CORPORATION  
 Address 1615 Percy Ave., Parkersburg, WV 26101 Address P.O. Box 1372, Parkersburg, WV 26101  
 Mineral Owner Gordon P. Corbitt etux Farm G. P. Corbitt Acres 123  
 Address same as above Location (waters) Carpenter's Run  
 Coal Owner None Well No. 1 Elevation 622  
 Address \_\_\_\_\_ District Union County Wood  
 Coal Operator None Quadrangle Valley Mills 7.5'  
 Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 2-5-81.

INSPECTOR  
 TO BE NOTIFIED K. Paul Goodnight  
 ADDRESS Smithville, West Virginia 26178  
 PHONE 477-2455

Robert C. Pingrey  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated July 12 1979 by Gordon P. & Pauline E. Corbitt made to Quaker State Oil Refg. Corp and recorded on the 14th day of September 1979 in Wood County, Book 727 Page 501

XX NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

Very truly yours, QUAKER STATE OIL REFG. CORP.  
 (Sign Name) Robert C. Pingrey  
 Well Operator  
Robert C. Pingrey  
P.O. Box 1327  
 Street  
Parkersburg,  
 City or Town  
West Virginia 26101  
 State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-107-1037

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by \_\_\_\_\_

**THIS IS AN ESTIMATE ONLY**  
**ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME not known NAME Robert C. Pingrey  
 ADDRESS \_\_\_\_\_ ADDRESS P.O. Box 1327, Parkersburg, WV 26101  
 TELEPHONE \_\_\_\_\_ TELEPHONE 614-423-9543  
 ESTIMATED DEPTH OF COMPLETED WELL: 2500 ROTARY XXX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Gordon  
 TYPE OF WELL: OIL XXX GAS \_\_\_\_\_ COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	100	100	
9 - 5/8			
8 - 5/8	250	250	cement to surface
7			
5 1/2			
4 1/2	2500	2500	150 sx
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET \_\_\_\_\_ SALT WATER 1450 FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS none reported in offset wells  
 IS COAL BEING MINED IN THE AREA? no BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
 For Coal Company

\_\_\_\_\_  
 Official Title