

MINIMUM ERROR OF CLOSURE 1:2000

SOURCE OF ELEVATION GROUND AT MONUMENT MARKING

New Location
 Drill Deeper
 Abandonment

PLUGGED WELL NO. 123 - ELEV. 246.6
 "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 BROOK-MAR OIL CORP.
 Address P.O. BOX 185 - GLENDALE, W.VA.
 Farm WHEELING STEEL CORP.
 Tract 1 Acres 52.8 Lease No. _____
 Well (Farm) No. 122 Serial No. _____
 Elevation (Spirit Level) 898.8
 Quadrangle STRUBENVILLE EC/C
 County BROOKE District CROSS CREEK
 Engineer Gordon W. Sammons
 Engineer's Registration No. 508
 File No. _____ Drawing No. _____
 Date EMB. 12-1967 Scale 1" = 200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. BRD-74

| 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 3

WELL RECORD

Permit No. BRO-74

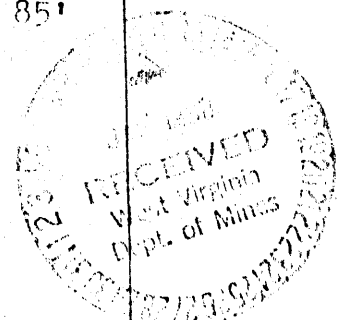
Oil or Gas Well Oil
(KIND)

Company BROOK-MAR OIL CORPORATION
Address GIEN DALE, W. VA. 26028
Farm WHEELING BOREL CORP. Acres 52.5
Location (waters) MANASS RIVER & OHIO RIVER
Well No. 132 Elev. 896.8'
District CROSS CREEK County BROOK
The surface of tract is owned in fee by WHEELING BOREL CORPORATION Address WHEELING, W. VA.
Mineral rights are owned by BROOK-MAR OIL CORPORATION Address GIEN DALE, W. VA.
Drilling commenced September 21, 1967
Drilling completed December 5, 1967
Date Shot From To
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 5 bbls Berea bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 410' - 430' feet 500' - 724' feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Spanner</u>
13	<u>25 Ft.</u>	<u>25 Ft.</u>	Size of <u>6 5/8" x 8 1/4"</u>
10	<u>154 "</u>	<u>1150 "</u>	Depth set <u>1130 Ft.</u>
8 1/4	<u>446 "</u>	<u>446 Ft.</u>	Perf. top _____
8	<u>1150 "</u>	<u>1150 "</u>	Perf. bottom _____
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 405 FEET 60 INCHES
428 FEET 60 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Gray	Soft	0'	20'			
Sand	Gray	Medium	20'	30'			
Clay	Gray	Soft	30'	40'			
Lime	Gray	Hard	40'	55'			
Clay	Yellow	Medium	55'	70'			
Clay	Gray	Soft	70'	80'			
Sand	Brown	Hard	80'	110'	Water	85'	
Clay	Red	Soft	110'	130'			
Lime	White	Hard	130'	205'			
Shale	Gray	Medium	205'	243'			
Sand	White	Hard	243'	280'			
Lime	White	Hard	280'	300'			
Slate	Gray	Soft	300'	325'			
Lime-Shells-White	White	Hard	325'	350'			
Shells	Brown	Soft	350'	400'			
Sand	Brown	Hard	400'	405'			
Coal	Black		405'	410'			Upper Precip
Sand	Gray	Hard	410'	428'	Water	410'	
Coal	Black		428'	433'			Lower Precip
Sand	Brown	Hard	433'	435'	Water	430'	
Shells	Gray	Soft	435'	440'			
Shells	Brown	Soft	440'	470'			
Lime	Gray	Hard	470'	500'	Water	500'	
Slate	Dark	Soft	500'	516'			
Shale		Soft	516'	560'			
Lime	White	Hard	560'	623'			
Sand	Brown	Hard	623'	670'			
Slate	Dark	Medium	670'	680'			
Lime	White	Hard	680'	702'			
Shale	Gray	Medium	702'	724'			
Lime	White	Hard	724'	734'			
Sand	Brown	Hard	734'	784'	Water	724'	
Lime	White	Hard	784'	795'			
Slate	Dark	Soft	795'	834'			
Lime	White	Hard	834'	872'			Little
Lime	Blue	Hard	872'	948'			Sandy
Lime	White	Hard	948'	958'			Big
Lime	White	Medium	958'	966'			



JAN 2 2 1968

Formation	Color	Hard or Soft	Top '3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime Sand	White	Hard	966'	975'			Big Injun <u>Top Berea</u> <u>Bottom 1502'</u>
Sand	Brown	Hard	975'	1130'			
Slate	Shells	Medium	1130'	1225'			
Sand	Brown	Hard	1225'	1269'			
Slate	Shells	Medium	1269'	1482'	Oil	1492'	
Sand	Gray	Hard	1482'	1502'			
<p>Berea Grit Sand was cored. has not been shot yet. but shows for possibly five barrels per day.</p>							

Date January 8, 1968, 104

APPROVED Brook-Mar Oil Corporation, Own

By James P. Hammett
(Title) vice president