

I, the undersigned, hereby certify that this map is a true and correct copy of the original and that it complies with all the requirements of paragraph 6 of the rules and regulations of the State of West Virginia.

W. P. E. G.
W. P. E. G.

Zero elev. at Water Gauge = 621.71

Error in Closure = Less than 1' in 200'

New Location...
 Drill Deeper...
 Abandonment...

Company BEAR RUN OIL & GAS CO.
 Address Shroath Bldg., Clarksburg, W. Va.
 Farm Walter & Herman DePue
 Tract _____ Acres 146 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 662
 Quadrangle Spencer NE
 County Wirt District Spring Creek
 Engineer W. P. E. G.
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date April 4, 1966 Scale 1" = 200' = 330'

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

WELL LOCATION MAP
 FILE NO. WIRT - 522

+ 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.



Corrected Well Record

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Quadrangle _____

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. WIRT 522

Company Bear Run Oil & Gas Co.
Address Schroath Bldg., Clarksburg, W. Va.
Farm DePue Acres _____
Location (waters) Little Kanawha River
Well No. One Elev. _____
District Spring Creek County Wirt
The surface of tract is owned in fee by Walter & Herman Depue
Address Creston, W. Va.
Mineral rights are owned by same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13.	753'	753'	
10.	2198'	2198'	Size of
8 1/4			
6 5/8	5508'		Depth set
5 3/16			
3.			Perf. top 1624
2.			Perf. bottom 4 shots
Liners Used			Perf. top _____
			Perf. bottom _____

Drilling commenced April 26, 1966
Drilling completed June 18, 1966
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
48 /10ths Merc. in 2" Inch
Volume 1078 Cu. Ft.
Rock Pressure 550 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

CASING CEMENTED 7" SIZE No. Ft. 5/30/66 Date
100 sacks of cement

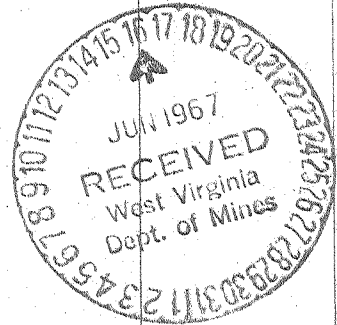
COAL WAS ENCOUNTERED AT _____ FEET INCHES
_____ FEET INCHES FEET INCHES
_____ FEET INCHES FEET INCHES

WELL FRACTURED 575 barrels of treated water.

RESULT AFTER TREATMENT 84/10ths mercury through 2", tested by Hope Gas Co 1,426,000 cf.
ROCK PRESSURE AFTER TREATMENT 590 lbs. 24 hrs.

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	100			
Sandstone			100	200			
Sand			200	350			
Rock	Red		350	500			
Shale	Black		500	620			
Shale			620	743			
Rock	Red		743	810			
Sand & Shale			810	932			
Sand			932	995			
Shale & Sand			995	1085			
Sand			1085	1155			
Sand & Shale			1155	1345			
✓ Salt Sand			1345	1379	Oil	1350	Show
Sand			1379	1580	Water	1379	Hole Wet
Shale & Sand			1580	1800			
Shale			1800	2025			
Shale & Sand <i>Big Injun - lower?</i>			2025	2203			
Shale			2203	5150	Water	XX5085	Hole Wet
Shale & Lime			5150	5206			
Shale			5206	5327			
Sand & Shale			5327	5365			
Slate & Shale			5365	5395			
✓ Lime } <i>DRONAGA</i>			5395	5477			
Lime & Shale			5477	5498			
Lime			5498	5510			
✓ Sand - <i>CRISKEY</i>			5510	5679			



(over)

Formation	Color	Hard or Soft	Top ζ	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand & Shale	<i>Helderberg?</i>		5679	5703			
Sand & Shale			5703	5869			
Sand & Salt			5869	6290			
Sand			6290	6315			
Sand & Shale			6315	6714			
Lime	<i>Galena</i>		6714	6741			
Lime			6741	6782			
Lime & Shale			6782	6797			
Shale			6797	6812			
Shale & Sand			6812	6823			
Lime & Shale	<i>Newburg?</i>		6823	6843			
Total Depth	<i>Newburg</i>			6843			

545

Well dry in Newburg formation; plugged back to 2050' to Injun Sand.

Date June 15, 1967

APPROVED BEAR RUN OIL & GAS CO., Owner

By *Thomas H. Lattin Jr.*
Thomas H. Lattin Jr., President



Deep Well
(Newburg)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Spencer

Permit No. WIRT 522

WELL RECORD

Oil or Gas Well Dry Hole
(KIND)

Company Bear Run Oil & Gas Co.
Address Schroath Bldg. - Clarksburg, W. Va.
Farm Walter & Herman DePue Acres 146
Location (waters) Little Kanawha River
Well No. 1 Elev. 662
District Spring Creek County Wirt
The surface of tract is owned in fee by Walter & Herman DePue
Address Creston, W. Va.
Mineral rights are owned by Same

Address _____
Drilling commenced 4-25-66
Drilling completed 6-18-66
Date Shot -- From _____ To _____
With --
Open Flow /10ths Water in -- Inch
/10ths Merc. in _____ Inch
Volume -- Cu. Ft.
Rock Pressure -- lbs. _____ hrs.
Oil -- bbls., 1st 24 hrs.
WELL ACIDIZED --
WELL FRACTURED --

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13-3/8	730	730	
9-5/8	2198	2198	Size of
8 1/4			
7	5498	5498	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 13-3/8 SIZE 207 No. Ft. 5-3-66 Date
9-5/8 760 5-10-66
7 800 5-30-66
 COAL WAS ENCOUNTERED AT No Coal FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT --
 ROCK PRESSURE AFTER TREATMENT
 Fresh Water 45 Feet
 Salt Water 5384 Feet
6000 and 6700

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Gravel	Grey	Soft	0	35			
Sand & Shale	Grey	Hard	35	720	Water	45 Down	
Big Lime Sand	Grey	Hard	1555	1715			
Sand & Shale	Grey	Hard	1715	1745	Show Gas		6684 662
Shale	Grey	Soft	1745	2200			
Cherty L.S.	Grey	Soft	2200	5384	Water	5384	6072
Sandstone	Grey	Hard	5384	5594			
Limestone	Grey	Hard	5594	5676	oriskany		6700 540
Dolomite	Grey	Hard	5676	5894			
Sand	White	Hard	5894	6684			
Dolomite	Grey	Hard	6684	6710	Salt Water	6700	Newburg
			6710	6878	T. D.		

UFG Scout Report:
 "Plugged back to 2184'. Will test injin." (7/1/66)

