



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Quadrangle Center Point

Permit No. 933

WELL RECORD

Oil or Gas Well Gas

Company J. C. Dicks
Address Petroleum, West Virginia
Farm A. J. Cottrill Acres 183
Location (waters) Little Battle
Well No. 2-3 Elev. 1022.1
District McClellan County Doddridge
The surface of tract is owned in fee by A. J. Cottrill
Address Clarksburg, W. Va.
Mineral rights are owned by Charles M. Strosnider
Address Monterey, Calif.
Drilling commenced March 12, 1963
Drilling completed April 8, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in 2.6 Inch
Volume 992,000 Cu. Ft.
Rock Pressure 350 lbs. 24 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			Anchor
13	30 ft.	30 ft.	Size of <u>8 5/8 x 2</u>
10	200 ft.	200 ft.	Depth set <u>1773 ft.</u>
8 1/4	1170 Ft.	1170 ft.	Perf. top _____
6 3/8			Perf. bottom _____
5 3/16			Perf. top _____
3			Perf. bottom <u>1790 ft.</u>
2	1797 ft.	1797 ft.	
Liners Used			

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

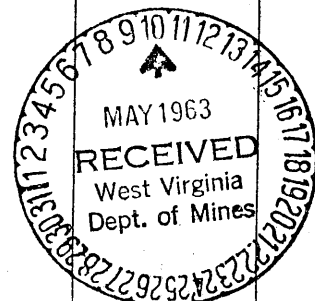
COAL WAS ENCOUNTERED AT NO FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 150 Feet _____ Salt Water 1600 Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	10			
un-recorded			10	42			
Rock	Red		42	108			
un-recorded			108	165	Water	150	
Sand			165	180			
un-recorded			180	340			
Sand			340	355			
un-recorded			355	505			
Slate			505	510			
Sand			510	520			
un-recorded			520	585			
Sand			585	610			
un-recorded			610	690			
Sand			690	714			
Slate			714	725			
Sand			725	750			
un-recorded			750	920			
Sand			920	935			
Slate			935	1030			
Sand			1030	1040			



10435

Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
un-recorded			1040	1273			
Gas Sand			1273	1310			
Lime			1310	1335			
1 st Salt			1335	1454			
Slate			1454	1505			
2nd Salt			1505	1613	Water	1600	
Slate			1613	1623			
3rd Salt			1623	1680			
Slate			1680	1762			
Maxon			1762		Gas	1789	
T. D.				1800			

Date April 30, 1963

APPROVED [Signature], Owner

(Title)