

Company PACE BOYER CONSTRUCTION COMPANY

Address ROOM 305 NELSON BUILDING, CHARLESTON, W.V.

Farm McMILLAN

Tract Acres 231.20 ± Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 930.25

Quadrangle PEYTONA NC

County KANAWHA District LOUDDON

Engineer Geo. H. Miller

Engineer's Registration No. 1892

File No. _____ Drawing No. _____

Date Oct. 19 1967 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. KAN-2213-P

+ 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

Quadrangle Peytona /

WELL RECORD

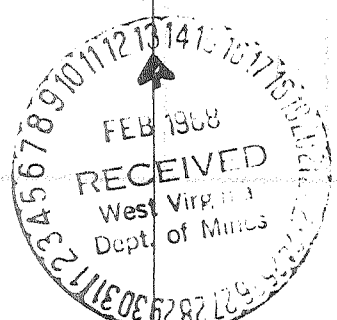
Permit No. Kanawha 2213

Oil or Gas Well Dry show
(KIND)

Company Pace-Bower Construction Company
Address 305 Nelson Bldg., Charleston, W. Va.
Farm Harvey T. McMillan Acres 235
Location (waters) Lens Creek KB 943.19 Size
Well No. 1 Elev 91.928.19 20" 40 40
District Loudon County Kanawha 13 3/8 98.87 98.87 Kind of Packer
The surface of tract is owned in fee by Harvey T. McMillan Size of
65 N Abney Circle, Address Charleston, W. Va. 9-5/8-1554.86 1554.86
Mineral rights are owned by ditto 6 5/8 Depth set
Address 5 3/16
Drilling commenced 1/20/68 4-1/2 5457.96 5457.96 Perf. top See "ever"
Drilling completed 2/3/68 2 Perf. bottom
Date Shot not shot From To Liners Used Perf. top
With Perf. bottom 5406
Open Flow /10ths Water in Inch
show-natural /10ths Merc. in Inch
Volume Cu. Ft. 9-5/8-1554.86-1/25/68; 4 1/2-5457.96-2/4/68
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED 2/7/68 with 1500 gallons
2/10/68 with 3000 gallons
WELL FRACTURED Not fractured
COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT Dry hole - will plug and abandon - show gas only in Newburg
ROCK PRESSURE AFTER TREATMENT
Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
LITHOLOGY BASED ON GAMMA LOG - ALL DEPTHS FROM K.B.							
Siltstone and Shale			0	118			
Sandstone			118	193			
Siltstone and Shale			193	252			
Sandstone			252	275			
Shale			275	289			
Sandstone			289	306			
Siltstone and Shale			306	388			
Sandstone			388	428			
Siltstone			428	462			
Sandstone			462	695			
Siltstone and Shale			695	762			
Sandstone			762	783			
Siltstone and Shale			783	838			
Sandstone			838	930			
Shale			930	940			
Siltstone and Shale			940	1070			
Sandstone			1070	1097			
Siltstone and Shale			1097	1226			
Little Lime			1226	1297			
Big Lime			1297	1476			
Siltstone - 309			1476	1487			
Sandstone - 2050			1487	1513			
Siltstone and Shale			1513	1910			
Coffee Shale			1910	1928			
Berea			1928	1929			
Shale			1929	4568			
Marcellus			4568	4601			
Onondaga			4601	4703			
Oriskany			4703	4713			



Big Injun

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Chert and Limestone			4715	4844			
Limestone			4844	4912			
Dolomite and Anhydrite			4912	5395			
Newburg Sand			5395	5413			
Dolomite and Anhydrite			5413	5470			
T.D. Driller		5470					
T.D. Logger		5463					
CHRONOLOGICAL SEQUENCE OF EVENTS							
1/20/68	Drilling commenced						
1/20/68	Ran 40' of 20" - not cemented						
1/20/68	Ran 98.87' of 13-3/8" - cemented with 70 sacks and 200# of Calcium Chloride						
1/25/68	Ran 154.86' of 9-5/8" - cemented with 50 sacks and 200# of Calcium Chloride						
1/31/68	Mudded up hole at 5236						
2/4/68	Drilling completed - T.D. of hole 5470 (Driller)						
2/4/68	Logged well (Schlumberger); Gamma, Density, Induction, Sonic						
2/4/68	Ran 5457.96' of 4-1/2" (J55-11.6#) Floate collar 12' above bottom of pipe - Float shoe - 6 centralizers.						
2/4/68	Cemented 4-1/2" with 500 gallons (Cealment), 270 cubic feet of "Litepoz", and 24 Bbl. of CW.7 (Dowell)						
2/7/68	Ran Gamma Ray and casing collar locator (McCullough)						
2/7/68	Perforated Newburg with 12 (.48) "Densi-Jets" (McCullough): 5398-5400-- 5 holes) Schlumberger 5402-5406-- 7 holes) Log depths						
2/7/68	Acidized Newburg with 500 gallons Mud acid and 1000 gallons of 28% acid (Dowell)						
2/7/68 - 2/10/68	Swabbed and cleaned up hole - show gas in Newburg - no gauge taken						
2/10/68	Set 4-1/2" Mercury cast Iron Plug at 5388 (Schlumberger)						
2/10/68	Ran 1 bag of Calceal on top of the plug.						
2/10/68	Perforated with .48 Hyperjets (Schlumberger) as follows: 5372-5376 - 2 shots/ft. - 8 shots) 5355-5359 - 2 shots/ft. - 8 shots) Schlumberger 5342-5352 - 2 shots/ft. - 20 shots) log depths 5328-5336 - 2 shots/ft. - 17 shots)						
2/10/68	Acidized with 3000 gallons of 28% acid (Dowell)						
2/10/68-2/11/68	Swabbed and cleaned up hole - show gas after acidizing (No gauge taken).						
	Dry hole - will plug and abandon.						

Date February 13, 1968

APPROVED RACE-BOWER CONSTRUCTION CO. Owner

J. A. Pace
J. A. Pace (Title) Vice President