

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: WVA. PUBLIC LANDS Operator Well No.: H.M.JAMISON Q17

LOCATION: Elevation: 1,477.00 Quadrangle: CENTER POINT

District: GREEN County: WETZEL
Latitude: 4950 Feet South of 39 Deg. 30Min. Sec.
Longitude 9400 Feet West of 80 Deg. 37 Min. 30 Sec.

Company: PENNZOIL PRODUCTS COMPANY
P. O. BOX 5519
VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: RANDAL MICK
Permit Issued: 06/01/94
Well work Commenced: 08/11/94
Well work Completed: 09/23/94
Verbal Plugging
Permission granted on:
Rotary X Cable _____ Rig
Total Depth (feet) 3804'
Fresh water depths (ft) N/A
Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? N
Coal Depths (ft): N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size 8-5/8	750	750	To surface 310 sks.
4-1/2	3753	3753	300 sks.

OPEN FLOW DATA * Water Injection Well

Producing formation Gordon Pay zone depth (ft) 3648-3692
 Gas: Initial open flow _____ * MCF/d Oil: Initial open flow _____ * Bbl/d
 Final open flow _____ * MCF/d Final open flow _____ * Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENNZOIL PRODUCTS COMPANY
By: [Signature]
Date: 1/4/95

TREATMENT

Perforated with 20 holes, 3666'-3676'. Treated with 300 gallons 15% HCL acid, 249 barrels gelled water and 8700 lbs. of 20/40 sand

WELL LOG

Sand & Shale	0'-1118'
Sand	1118'-1168'
Sand & Shale	1168'-1391'
Sand	1391'-1462'
Shale	1462'-1800'
Sand	1800'-1846'
Sand & Shale	1846'-1984'
Sand	1984'-2050'
Sand & Shale	2050'-2382'
Sand	2382'-2432'
Sand & Shale	2432'-2752'
Sand	2752'-2772'
Shale	2772'-2780'
Big Injun	2780'-2995'
Shale	2995'-3628'
Stray	3628'-3632'
Gordon	3648'-3692'
T.D.	3804'