

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

Well Operator's Report of Well Work

Farm name: PRINE, LLOYD

Operator Well No.: MCCOY HEIRS 15

LOCATION: Elevation: 1,062'

Quadrangle: PINE GROVE 7.5'

District: GREEN

County: WETZEL

Latitude: 12,200 Feet south of 39 Deg 32 Min 30 Sec.

Longitude: 6,625 Feet west of 80 Deg 40 Min 0 Sec.

Company: H G Energy LLC
5260 Dupont Rd
Parkersburg, WV 26101

Agent: Michael Kirsch

Inspector: DEREK HAUGHT

Permit Issued: 05/24/12

Well work Commenced: 02/25/13

Well work Completed: 03/01/13

Verbal plugging permission granted on:

Rotary X Cable Rig

Total Depth (feet) 3170'

Fresh water depths (ft) N/A

Salt water depths (ft) 2200'

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Table with 4 columns: Casing Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft. Rows include 7" and 4 1/2" casing sizes.

OPEN FLOW DATA * WATERFLOOD INJECTOR

Producing formation Gordon Pay zone depth 2903'-2918', 2931'-293...
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, FRACURING 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: HG Energy LLC

By:

Date: 11/13/13

RECEIVED
Office of Oil and Gas
NOV 18 2013
WV Department of Environmental Protection

01/03/2014

Treatment :

Treated perms (2903'-2918', 2931'-2934') w/ 250 gals. 15% HCl acid, 339 bbls cross linked gel, and 17,000 # 20/40 sand.

CONVERTED TO WATER INJECTION

Well Log :

0	173	Sand and Shale
173	202	Sand
202	266	Shale
266	286	Sand
286	606	Shale
606	622	Sand
622	658	Shale
658	705	Sand
705	816	Shale
816	837	Sand
837	892	Shale
892	908	Sand
908	936	Shale
936	970	Sand
970	1278	Shale
1278	1296	Sand
1296	1302	Shale
1302	1328	Sand
1328	1352	Shale
1352	1374	Sand
1374	1435	Shale
1435	1470	Sand
1470	1486	Shale
1486	1544	Sand
1544	1838	Shale
1838	1858	Sand
1858	2003	Shale
2003	2017	Sand
2017	2030	Shale
2030	2036	Sand
2036	2044	Shale
2044	2104	Big Lime
2104	2298	Big Injun
2298	2876	Shale
2876	2891	Gordon Stray
2891	2901	Shale
2901	2920	Gordon
2920	2930	Shale
2930	2938	Sand
2938	3170	Shale
3170		TD