

MAILED
5-25-10

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

605

Well Operator's Report of Well Work

FILE COPY

Farm Name: MARSHALL L. HAYMOND

Operator Well No.: HAYMOND S-519-4

LOCATION: Elevation: 1,890'

Quadrangle: ROCK CAVE

District: BANKS

County: UPSHUR

Latitude: 14350 Feet South of 38 Deg. 50 Min. 00 Sec.

Longitude: 6050 Feet West of 80 Deg. 17 Min. 30 Sec.

Company: STALNAKER ENERGY CORPORATION
P.O. BOX 178
GLENVILLE, WV 26351-0000

Agent: RON STALNAKER

Inspector: BILL HATFIELD

Permit Issued: 09/29/09

Well Work Commenced: 01/11/10

Well Work Completed: 01/22/10

Verbal Plugging

Permission granted on: _____

Rotary X Cable _____ Rig

Total Depth (feet) 4137'

Fresh water depths (ft) 40'

Salt water depths (ft) NONE

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

Coal Depths (ft): NONE

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
11 3/4"	32'	32'	-0-
8 5/8"	1222'	1222'	280 sks To Surface
4 1/2"	4117'	4117'	360 sks.

OPEN FLOW DATA

Gordon Stray 2143' - 2164'
 Fifth Sand 2429' - 2445'
 Producing formation Benson Pay zone depth (ft) 3989' - 4003'
 Gas: Initial open flow 179 MCF / d Oil: Initial open flow 0 Bbl / d
 Final open flow 287 MCF / d Oil: Final open flow 0 Bbl / d
 Time of open flow between initial and final tests N/A Hours
 Static rock pressure 900 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow Commingled MCF / d Oil: Initial open flow _____ Bbl / d
 Final open flow Commingled MCF / d Oil: 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 IN THE WELLBORE.

For: STALNAKER ENERGY CORPORATION

By: Jean M. Miller
January 29, 2010

RECEIVED
Office of Oil and Gas
MAR 04 2010
W. Engineer
Environmental Protection

Haymond S-519-4 (47-097-3679)
Two-Stage Foam Frac – BJ Services

1st Stage: Benson (14 holes) (3995.5' to 3998') 70 Quality Cross-Linked Foam Frac
500 gal. 15% HCL., 70,000# 20/40 sand,
650,000 SCF N2, 870 bbls.

2nd Stage: Fifth Sand (8 holes) (2437' to 2438.75') 70 Quality Cross-Linked Foam Frac.
Gordon Stray (4 holes) (2153' to 2153.75') 500 gal. 15% HCL, 25,000# 20/40 sand,
390,000 SCF N2, 533 bbls.

WELL LOG

Clay	0	15
Sand & Shale	15	1138
Sand & Shale & Red Rock	1138	1495
Big Lime	1495	1692
Big Injun	1692	1749
Sand & Shale	1749	2143
Gordon Stray	2143	2164
Sand & Shale	2164	2195
Gordon	2195	2239
Sand & Shale	2239	2312
Fourth Sand	2312	2323
Sand & Shale	2323	2429
Fifth Sand	2429	2445
Sand & Shale	2445	2534
Bayard	2534	2574
Sand & Shale	2574	2642
Balltown	2642	3474
Sand & Shale	3474	3630
Riley	3630	3685
Sand & Shale	3685	3989
Benson	3989	4003
Sand & Shale	4003	4137
TD	4137	

¼" H₂O @ 40'

Gas Checks

1450' – No Show
1737' – 4/10^{ths} – 7" – W/Water
2265' – 18/10^{ths} – 2" – W/Water
2329' – 18/10^{ths} – 2" – W/Water
2455' – 34/10^{ths} – 2" – W/Water
2613' – 28/10^{ths} – 2" – W/Water
3013' – 28/10^{ths} – 2" – W/Water
3519' – 14/10^{ths} – 2" – W/Water
3923' – 12/10^{ths} – 2" – W/Water
Collars – 18/10^{ths} – 2" – W/Water

RECEIVED
Office of Oil and Gas

RECEIVED
Office of Oil and Gas
WV Department of
Environmental Protection

WV Department of
Environmental Protection

03/11/2016