

MAILED
5-13-10

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

Well Operator's Report of Well Work

Farm Name: R. STALNAKER TRUST (BARBARA MILLER TRUSTEE) Operator Well No.: McCARTNEY S-471-1

LOCATION: Elevation: 1057' Quadrangle: TANNER

District: DEKALB County: GILMER
Latitude: 1790 Feet South of 38 Deg. 55 Min. 00 Sec.
Longitude: 4830 Feet West of 80 Deg. 55 Min. 00 Sec.

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

Agent: RON STALNAKER

Inspector: DAVE GILBERT
Permit Issued: 07/09/08
Well Work Commenced: 11/03/08
Well Work Completed: 11/09/08

Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5150'
Fresh water depths (ft) 60', 650'
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"	38'	38'	-0-
8 5/8"	757'	757'	210 sks To Surface
4 1/2"	5108'	5108'	390 sks.

OPEN FLOW DATA

Gordon	2478' - 2513'
Elizabeth	2758' - 2792'
Warren	3158' - 3198'
Balltown	3532' - 4161'
Riley	4284' - 4310'
Benson	4634' - 4646'
Alexander	4796' - 4934'

Producing formation Elk Pay zone depth (ft) 5009' - 5082'
 Gas: Initial open flow 0 MCF / d Oil: Initial open flow 0 Bbl / d
 Final open flow 2,175 MCF / d Oil: Final open flow 0 Bbl / d
 Time of open flow between initial and final tests N/A Hours
 Static rock pressure 1350 psig (surface pressure) after 96 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 BY THE WELLBORE.

For: STALNAKER ENERGY CORPORATION

By: [Signature] its Engineer
November 14, 2008

Received

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Office of Oil and Gas
WV Dept. of Environmental Protection
05/31/2013

1 st Stage:	Second Elk (7 holes) (5026.75' to 5077.75') Alexander (5 holes) (4914' to 4933.5')	80 Quality Cross-Linked Foam Frac 500 gal. 15% HCL., 40,000# 30/50 sand, 490,000 SCF N2, 603 bbls.
2 nd Stage:	Benson (12 holes) (4639' to 4641')	80 Quality Cross-Linked Foam Frac. 500 gal. 15% HCL, 50,000# 30/50 sand, 580,000 SCF N2, 703 bbls.
3 rd Stage:	Riley (3 holes) (4299' to 4299.5') Balltown (9 holes) (3781' to 4148.5')	750 gal. 15% HCL, 700,000 SCF N2, 7 perf. balls.
4 th Stage:	Warren (7 holes) (3185' to 3194.5') Elizabeth (3 holes) (2782.5' to 2950') Gordon (3 holes) (2481' to 2510.5')	80 Quality Cross-Linked Foam Frac 750 gal. 15% HCL, 20,000# 30/50 sand, 260,000 SCF N2, 630 bbls.

		<u>WELL LOG</u>
Clay	0	20
Sand & Shale	20	391
Sand & Shale & Red Rock	391	634
Sand & Shale	634	1840
Big Lime	1840	1951
Big Injun	1951	1980
Sand & Shale	1980	2165
Weir	2165	2218
Sand & Shale	2218	3146
Warren	3146	3198
Sand & Shale	3198	3240
Speechley	3240	3363
Sand & Shale	3363	3490
Balltown	3490	3550
Sand & Shale	3550	4285
Riley	4285	4575
Sand & Shale	4575	4630
Benson	4630	4644
Shale	4644	4763
Alexander	4763	4926
Shale	4926	5011
Elk	5011	5025
Shale	5025	5050
TD	5050	

Hole Damp @ 48'
 1 ½" H₂O @ 150'

Gas Checks

2300' – Odor
 3074' – Odor
 4205' – Odor
 4612' – Odor
 4954' – Odor

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