

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

Well Operator's Report of Well Work

Farm Name: **Maxwell Heirs #14**

Operator Well No. : **Fourteen (14)**

LOCATION: Elevation: **954'**
District: **New Milton**
Latitude: **39.24022** Feet South of **80**
Longitude: **80.73665** Feet West of **80**
Quadrangle: **New Milton**
County: **Doddridge**
Deg. 42 Min. **30** Sec.
Deg. 44 Min. **11.9** Sec.

Company: **KEY OIL COMPANY**
22 GARTON PLAZA
WESTON, WV 26452

Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu Ft
11"	32	Pulled	N/A
9-5/8"	126	126	70 sks. CTS
7"	1267	1267	225 sks. CTS
4-1/2"		5140	300 sks. CT 1200'

Agent: **Jan E. Chapman**
Inspector: **David Scranage**
Permit Issued: **4-8-10**
Well Work Commenced: **6-7-11**
Well Work Completed: **6-12-11**
Verbal Plugging: **N/A**
Permission granted on: **6-6-11**
Rotary X Cable Rig
Total Depth (feet) **5218'**
Fresh water depths (ft) **110'**
Salt water depths (ft) **1340'**
Is coal being mined in area (Y / N)? **No**
Coal Depths (ft): **No**

OPEN FLOW DATA **Alexander** 4900-4935
Benson 4534-4629
Riley 3919-4178
Balltown 3724-3750
Warren 2990-3098

Producing formation **Warren** Pay zone depth (ft)
Gas: Initial open flow **100** MCF / D Oil: Initial open flow **Show** Bbl / D
Final open flow **1600** MCF / D Oil: Final open flow **1** Bbl / D
Time of open flow between initial and final tests **24** Hours
Static rock pressure **1550** psig (surface pressure) after **24** Hours

All Formations Comingled.
Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF / D Oil: Initial open flow Bbl / D
Final open flow 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

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Office of Oil & Gas

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WV Department of
Environmental Protection

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: **KEY OIL COMPANY**

By: *Jan Chapman* PRESIDENT

Date: **June 23, 2011**

Maxwell Heirs #14 (47-017-05945)

TREATMENT:

Alexander	(20 holes) 4900-4938	sand, water and N2: 35,000# 20/40 sand, 277,000 SCF N2 171 bbls. water
Benson	(21 holes) 4534-4624	sand, water and N2: 26,000# 20/40 sand, 197,000 SCF N2 168 bbls. water
Riley	(17 holes) 3919-4178	sand, water and N2: 25,000# 20/40 sand, 253,000 SCF N2 166 bbls. water
Balltown	(21 holes) 3724-3750	sand, water and N2: 25,000# 20/40 sand, 232,000 SCF N2 164 bbls. water
Warren	(20 holes) 2990-3098	sand, water and N2: 35,000# 20/40 sand, 250,000 SCF N2 209 bbls. water

FORMATIONS:

Sand and Shale	0'	1340'
Salt Sand	1340'	1370'
Shale	1370'	1600'
Lime	1600'	1650'
Injun	1650'	1750'
Sand Shale	1750'	2110'
Gordon	2110'	2120'
Shale	2120'	2990'
Warren	2990'	3100'
Shale	3100'	3725'
Balltown	3725'	3750'
Shale	3750'	3918'
Riley	3918'	4178'
Shale	4178'	4534'
Benson	4534'	4624'
Shale	4624'	4900'
Alexander	4900'	4938'
Shale	4938'	5218'
TD		5218'