

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

Well Operator's Report of Well Work

Farm Name: Leggett Operator Well No. : Eight (8)

LOCATION: Elevation: 972 Quadrangle: Oxford 7.5
 District: Central County: Doddridge
 Latitude: 39.23851 Feet South of 39 Deg. 14 Min. 18.6 Sec.
 Longitude: 80.86228 Feet West of 80 Deg. 51 Min. 44.2 Sec.

Company: KEY OIL COMPANY Casing & Tubing Used In Drilling Left In Well Cement Fill Up Cu Ft
 22 GARTON PLAZA
 WESTON, WV 26452
 Agent: Jan E. Chapman
 Inspector: Dave Scranage
 Permit Issued: 9-05-11
 Well Work Commenced: 10-05-11
 Well Work Completed: 10-13-11
 Verbal Plugging N/A
 Permission granted on: 9-30-11
 Rotary X Cable Rig
 Total Depth (feet) 5417'
 Fresh water depths (ft) 110' & 180'
 Salt water depths (ft) 1000'
 Is coal being mined in area (Y / N)? No
 Coal Depths (ft): None

Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu Ft
11"	32'	32'	Sanded In
9-5/8"	464'	464'	160 sks. CTS
7"	1988'	1988'	300 sks. CTS
4-1/2"	5347'	5347'	300 sks. ETOC 1800'

Received
 Office of Oil & Gas
 OCT 22 2014

OPEN FLOW DATA Alexander 5118-5234
 Benson & Riley 4782-4927
 Bradford 4522-4590
 Balitown 3758-3850

Producing formation Warren Pay zone depth (ft) 3364-3426
 Gas: Initial open flow 113 MCF / D Oil: Initial open flow Show Bbl / D
 Final open flow 888 MCF / D Oil: Final open flow 2 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

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: 

PRESIDENT

Date: October 24, 2011

17-06041

Leggett #8 (47-017-06041)

TREATMENT:

Alexander	(22 holes) 5118-5234	sand, water and N2: 31,000# 20/40 sand, 382,000 SCF N2 178 bbls. water
Benson & Riley	(21 holes) 4782-4927	sand, water and N2: 35,500# 20/40 sand, 413,000 SCF N2 194 bbls. water
Bradford	(20 holes) 4522-4590	sand, water and N2: 35,000# 20/40 sand, 350,000 SCF N2 200 bbls. water
Balltown	(21 holes) 3758-3850	sand, water and N2: 35,000# 20/40 sand, 355,000 SCF N2 200 bbls. water
Warren	(23 holes) 3364-3426	sand, water and N2: 29,000# 20/40 sand, 286,000 SCF N2 182 bbls. water

FORMATIONS:

Sand & Shale	0'	1940'
Little Lime	1940'	1980'
Shale	1980'	1980'
Big Lime	1980'	2030'
Injun	2030'	2100'
Sand & Shale	2100'	2280'
Weir	2280'	2400'
Shale	2400'	2680'
Gordon	2680'	2690'
Shale	2690'	3340'
Warren	3340'	3450'
Sand & Shale	3450'	3750'
Balltown	3750'	3900'
Shale	3900'	4500'
Bradford	4500'	4590'
Shale	4590'	4780'
Riley	4780'	4880'
Shale	4880'	4920'
Benson	4920'	4930'
Shale	4930'	5115'
Alexander	5115'	5235'
Shale	5235'	5417'
TD		5417'

10/24/2014