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

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Well Operator's Report of Well Work

Farm name: TALKINGTON, MARK

Operator Well No.: S. P. LEMASTERS M-10

LOCATION: Elevation: 1,114.00

Quadrangle: CENTERPOINT 7.5'

District: MCELROY
Latitude: 12,700 Feet south of
Longitude: 2,300 Feet west of

County: TYLER
39 Deg 30 Min 0 Sec.
80 Deg 40 Min 00 Sec.

Company: EAST RESOURCES, INC.
P.O. BOX 5519
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: JOE TAYLOR

Permit Issued: 01/18/11
Well work Commenced: 08/15/11
Well work Completed: 08/17/11

Verbal plugging permission granted on: _____
Rotary X Cable _____ Rig _____

Total Depth (feet) 3142
Fresh water depths (ft) NONE

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.
8 5/8"	393.50'	220'	150 sks
4 1/2"	3083.25'	3083.25'	300 sks

OPEN FLOW DATA *WATERFLOOD INJECTOR

Producing formation Gordon Pay zone depth (ft) 2991-3044

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, 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: EAST RESOURCES, INC.
By: [Signature]
Date: 2/11/13

Treatment :

Swabbed well -spotted 500 gals 15%HCL - loaded well with fresh water- perforated Gordon
3020'-3040'- shot perforations with gas gun
returned well to injection

Well Log :

SEE ORIGINAL WELL RECORD