

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

COPY

Well Operator's Report of Well Work

Farm name: YOHO, EVELYN
LOCATION: Elevation: 969'
District: GRANT
Latitude: 7,240 Feet south of
Longitude: 11,070 Feet west of

Operator Well No.: WM H CRISWELL 302
Quadrangle: BIG RUN 7.5'
County: WETZEL
39 Deg 37 Min 30 Sec.
80 Deg 35 Min 0 Sec.

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

Agent: PHILIP S. ONDRUSEK

Inspector: DAVID SCRANAGE

Permit Issued: 05/18/10
Well work Commenced: 06/14/10
Well work Completed: 07/21/10

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

Total Depth (feet) 3110'
Fresh water depths (ft) 350'

Salt water depths (ft) _____

Is coal being mined in area (Y/N) N
Coal Depths (ft): 775'-785'

Casing Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
7"	967'	967'	230 sks
4 1/2"	2739.1'	2739.1'	150 sks

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2859'-2875'
2878.5'-2881.5'
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.

RECEIVED
Office of Oil & Gas For: EAST RESOURCES, INC.
By: [Signature]
Date: 9/20/10

Treatment :

Treated perms (2859'-2875', 2878.5'-2881.5') w/ 250 gals 15% HCl acid, 400 bbls cross linked gel, and 25,300# 20/40 sand.

Well Log :

0	418	Sand and Shale
418	448	Sand
448	552	Shale
552	700	Sand
700	706	Shale
706	732	Sand
732	748	Shale
748	762	Sand
762	775	Shale
775	785	Coal
785	788	Shale
788	800	Sand
800	868	Shale
868	988	Sand
988	1284	Shale
1284	1303	Sand
1303	1420	Shale
1420	1481	Sand
1481	1490	Shale
1490	1516	Sand
1516	1556	Shale
1556	1590	Sand
1590	1630	Shale
1630	1650	Sand
1650	1686	Shale
1686	1733	Sand
1733	1752	Shale
1752	1788	Sand
1788	1824	Shale
1824	1862	Sand
1862	1876	Shale
1876	1966	Sand
1966	1950	Big Lime
1950	2262	Big Injun
2262	2830	Shale
2830	2852	Gordon Stray
2852	2855	Shale
2855	2882	Gordon
2882	2892	Shale
2892	2896	Sand
2896	3080	Shale
3080		TD