

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: February 20, 2013
API #: 47-073-00982F

Farm name: Delbert Elder Operator Well No.: Elder #1

LOCATION: Elevation: 651' ASI Quadrangle: Raven Rock 7.5'

District: Union County: Pleasants
Latitude: 4370 Feet South of 81 Deg. 10 Min. 00 Sec.
Longitude 1820 Feet West of 39 Deg. 25 Min. 00 Sec.

Company: Sancho Oil & Gas

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P. O. Box 179 St. Marys, WV 26170	8 5/8"	939	939	260 sks
Agent: <u>Loren Bagley</u>				
Inspector: <u>Joe Taylor</u>	4 1/2"		3871	700 sks
Date Permit Issued:				
Date Well Work Commenced: <u>March 12, 2012</u>				
Date Well Work Completed: <u>March 31, 2012</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>3872</u>				
Total Measured Depth (ft): <u>3872</u>				
Fresh Water Depth (ft.): <u>NA</u>				
Salt Water Depth (ft.): <u>Behind pipe Unknown</u>				
Is coal being mined in area (N/Y)? <u>No Coal</u>				
Coal Depths (ft.): <u>No Coal Present</u>				
Void(s) encountered (N/Y) Depth(s)				

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OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Squaw Sandstone Pay zone depth (ft) 1528-1534
Gas: Initial open flow 5 MCF/d Oil: Initial open flow 2 Bbl/d
Final open flow 100 MCF/d Final open flow 10 Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 350 psig (surface pressure) after 96 Hours

Second producing formation Big Injun Sandstone Pay zone depth (ft) 1502-1520
Gas: Initial open flow see above MCF/d Oil: Initial open flow see above Bbl/d
Final open flow see above MCF/d Final open flow see above Bbl/d
Time of open flow between initial and final tests see above Hours
Static rock Pressure see above psig (surface pressure) after see above Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Loren S. Bagley
Signature

February 20, 2013
Date

03/01/2013

73.00982F

Were core samples taken? Yes _____ No XX

Were cuttings caught during drilling? Yes _____ No XX

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Cased hole log only

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Well was a re-completion. Well had sufficient cement to re-complete in the Squaw and Big Injun sandstones. Shot with 20 holes 1526-1531. Frac job consisted of 5000 barrels of water, 500 sacks of sand. Fm. Break at 3080 PSI. Well treated between 3200 and 3800 PSI. Top sand concentration 2#/gal.

Plug Back Details Including Plug Type and Depth(s): solid plug set at 3001

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface:

Cow Run Sand	526	564
2nd Cow Run Sand	626	642
1st Salt Sand	742	810
2nd Salt Sand	904	951
3rd Salt Sand	1182	1266
Maxon Sandstone	1272	1297
Little Lime	1340	1350
Big Limestone	1372	1422
Keener Sandstone	1434	1472
Big Injun Sandstone	1490	1511
Squaw Sandstone	1517	1524

03/01/2013