

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: NESTOR, HATTIE Operator Well No.: 14

LOCATION: Elevation: 1541 Quadrangle: THORNTON

District: COVE County: BARBOUR  
Latitude: 2,710 Feet South of 39 Deg. 17 Min. 30 Sec.  
Longitude: 10,970 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: Texas Keystone, Inc.

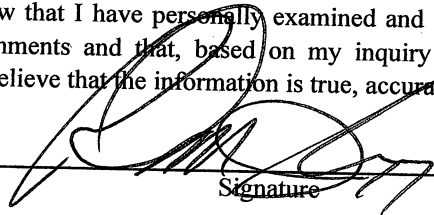
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
560 Epsilon Drive Pittsburgh, PA 15238				
Agent: Jon Farmer	13 3/8"	42	42	Sanded In
Inspector: Bryan Harris				
Date Permit Issued: 09/13/10	9 5/8"	463	463	170
Date Well Work Commenced: 12/28/10				
Date Well Work Completed: 01/18/11	7"	1222	1222	170
Verbal Plugging:				
Date Permission granted on:	4 1/2"	0	1488	40
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): 1528				
Total Measured Depth(ft.): 1528				
Fresh Water Depth (ft.): 173, 300, 600				
Salt Water Depth (ft.): none reported				
Is coal being mined in the area (N/Y)? N				
Coal Depths (ft.): none reported				
Void(s) encountered (N/Y) Depth(s): N				

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

Producing formation: NESTOR DOLOSTONE Pay zone Depth (ft) 1379 - 1389  
Gas: Initial open flow: G/S TSTM MCF/D Oil: Initial open flow: 0 Bbl/d  
Final open flow: 581 MCF/D Oil: Final open flow: 0 Bbl/d  
Time of open flow between initial and final tests: N/A Hours  
Static rock Pressure: 405 psig(surface pressure) after 192 Hours

Second Producing formation: \_\_\_\_\_ Pay zone Depth (ft) \_\_\_\_\_  
Gas: Initial open flow: \_\_\_\_\_ MCF/D Oil: Initial open flow: 0 Bbl/d  
Final open flow: \_\_\_\_\_ MCF/D Oil: Final open flow: 0 Bbl/d  
Time of open flow between initial and final tests: \_\_\_\_\_ Hours  
Static rock Pressure: \_\_\_\_\_ psig(surface pressure) after \_\_\_\_\_ 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.

  
Signature

4-12-11  
Date

12/16/2011

Were core samples taken? Yes \_\_\_ No X      Were cuttings caught during drilling? Yes \_\_\_ No X

Were N Electrical, N Mechanical, Y or Geophysical logs recorded on this well?  
Y/N                      Y/N                      Y/N

**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**

Perforated Intervals, Fracturing, or Stimulating:

Perfed Nestor Dolostone 1379' - 1389' (20 shots). BD 3991 #. 400 sks 30/50. 735 bbl. Gel Frac.

---

---

---

---

---

---

Formations Encountered:	Top Depth	Bottom Depth	Notes:
FILL	0	7	
SANDY SHALE	7	17	
REDROCK SHALE	17	28	
SHALE	28	32	1/4" FW @ 173'
SANDY SHALE	32	690	1 1/4" FW @ 300'
SANDSTONE	690	860	1" FW @ 600'
REDROCK SHALE	860	970	
SANDY SHALE	970	1020	
REDROCK SHALE	1020	1140	
SANDY SHALE	1140	1149	
LITTLE LIME	1149	1165	
PENCIL CAVE SHALE	1165	1188	
BIG LIME	1188	1356	
NESTOR DOLOSTONE	1356	1410	GAS SHOW @ 1380' TSTM
SHALE	1410	1430	
SQUAW SANDSTONE	1430	1445	
SHALE	1445	1490	
SANDSTONE	1490	1528	TD

12/16/2011