

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

Well Operator's Report of Well Work

Farm Name: **Hinte** Operator Well No. : **Eight (8)**

LOCATION: Elevation: **989** Quadrangle: **Oxford**
District: **Cove** County: **Doddridge**
Latitude: **2,480** Feet South of **39** Deg. **10** Min. **00** Sec.
Longitude: **960** Feet West of **80** Deg. **45** Min. **00** Sec.

Company: **KEY OIL COMPANY** Casing & Tubing Size Used In Drilling Left In Well Cement Fill Up Cu Ft
22 GARTON PLAZA
WESTON, WV 26452
Agent: **Jan E. Chapman**
Inspector: **David Scranage** 9-5/8" 126 126 189 Cu Ft
Permit Issued: **04-08-09**
Well Work Commenced: **07-02-10** 7" 874 874 189 Cu Ft
Well Work Completed: **07-12-10**
Verbal Plugging 4-1/2" 2704 167 Cu Ft
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) **2760'**
Fresh water depths (ft) **8' & 50'**
Salt water depths (ft) **1500'**
Is coal being mined in area (Y / N)? **No**
Coal Depths (ft): **NR**

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MAY 09 2012

OPEN FLOW DATA **Fifth** 2696-2698
Gordon 2608-2620
Gantz 2394-2399
Injun 2031-2050
Keener 1978-1992

WV Department of
Environmental Protection

Producing formation **Keener** Pay zone depth (ft)
Gas: Initial open flow **Show** MCF / D Oil: Initial open flow **Show** Bbl / D
Final open flow **1,384** MCF / D Oil: Final open flow **Show** Bbl / D
Time of open flow between initial and final tests **N/A** Hours
Static rock pressure **455** psig (surface pressure) after **48** 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: *Jan Chapman* PRESIDENT

Date: **August 15, 2010**

Hinte No. 8 (47-017-05831)

TREATMENT:

Gordon 2397-2696 (13 Holes) 500 GA, 20,000# 20/40 Sand & 395 Bbls. 60 Quality Foam
Injun 2032-2044 (13 Holes) 1,250 GA, 60,000# 20/40 Sand & 786 Bbls. 60 Quality Foam
Keener 1980-1992 (13 Holes)

FORMATIONS:

Fill	0	22	Hole Damp @ 8'
Sand/Shale	22	240	Water @ 50' - 4" Stream
Red Rock	240	260	
Sand/Shale	260	330	
Red Rock	330	340	
Sand/Shale	340	1833	Hole Damp @ 1500'
Little Lime	1833	1884	
Big Lime	1884	2030	
Big Injun	2030	2070	
Sand/Shale	2070	2668	
Gordon	2668	2680	
Sand/Shale	2680	2760	
RTD	2760		