

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

Well Operator's Report of Well Work

Farm Name: **S. Hurst** Operator Well No. : **Three (3)**

LOCATION: Elevation: **964'** Quadrangle: **New Milton**
 District: **New Milton** County: **Doddridge**
 Latitude: **39.24333** Feet South of **39** Deg. **14** Min. **36** Sec.
 Longitude: **80.69933** Feet West of **80** Deg. **40** Min. **00** Sec.

| | | | | | |
|--|---|----------------------|------------------|---------------|--------------------------|
| Company: | KEY OIL COMPANY 22 GARTON PLAZA WESTON, WV 26452 | Casing & Tubing Size | Used In Drilling | Left In Well | Cement Fill Up Cu Ft |
| Agent: | Jan E. Chapman | | | | |
| Inspector: | David Scranage | 11" | 32 | Pulled | N/A |
| Permit Issued: | 5-18-11 | | | | |
| Well Work Commenced: | 6-27-11 | 9-5/8" | 125 | 125 | 50 sks. CTS |
| Well Work Completed: | 6-30-11 | | | | |
| Verbal Plugging | N/A | 7" | 1225 | 1225 | 165 sks. CTS |
| Permission granted on: | 6-10-11 | | | | |
| Rotary X Cable Rig | | 4-1/2" | | 2723 | 130 sks. CT 1200' |
| Total Depth (feet) | 2760' | | | | |
| Fresh water depths (ft) | 90' & 110' | | | | |
| Salt water depths (ft) | 1200' | | | | |
| Is coal being mined in area (Y / N)? | No | | | | |
| Coal Depths (ft): | No | | | | |

| | | |
|---|---|------------------|
| OPEN FLOW DATA | Gordon & Gantz | 2310-2528 |
| | Injun | 1920-1954 |
| Producing formation | Blue Monday | 1796-1806 |
| Gas: Initial open flow | 50 MCF / D | 0 Bbl / D |
| Final open flow | 787 MCF / D | 2 Bbl / D |
| Time of open flow between initial and final tests | 24 Hours | Hours |
| Static rock pressure | 250 psig (surface pressure) after 24 Hours | Hours |
| All Formations Comingled. | | |
| Second producing formation | | |
| Gas: Initial open flow | MCF / D | Bbl / D |
| Final open flow | MCF / D | Bbl / D |
| Time of open flow between initial and final tests | | Hours |
| Static rock pressure | psig (surface pressure) after | Hours |

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 Office of Oil & Gas

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WV Department of
 Environmental Protection

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: **July 14, 2011**

S. Hurst #3 (47-017-06008)

TREATMENT:

| | | |
|-------------------------|-----------------------------|---|
| Gordon and Gantz | (20 holes) 2310-2528 | sand, water and N2: 10,000# 20/40 sand, 180,000 SCF N2 90 bbls. water |
| Injun | (20 holes) 1920-1954 | sand, water and N2: 30,000# 20/40 sand, 227,000 SCF N2 177 bbls. water |
| Blue Monday | (20 holes) 1796-1806 | sand, water and N2: 30,000# 20/40 sand, 351,000 SCF N2 179 bbls. water |

FORMATIONS:

| | | |
|-------------------------|--------------|--------------|
| Sand and Shale | 0' | 1250' |
| Shale | 1250' | 1750' |
| Lime | 1750' | 1780' |
| Shale | 1780' | 1796' |
| Blue Monday | 1796' | 1820' |
| Big Lime | 1820' | 1850' |
| Injun | 1850' | 1954' |
| Sand & Shale | 1954' | 2100' |
| Weir | 2100' | 2200' |
| Shale | 2200' | 2310' |
| Gantz | 2310' | 2320' |
| Shale | 2320' | 2515' |
| Gordon | 2515' | 2530' |
| Shale | 2530' | 2750' |
| TD | | 2750' |