API #47 - 017- 05797

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

Well Operator's Report of Well Work

| Farm Name: | Cowman | Operator Well No. : Three (3) | | | | | | |
|--|--|---|--|-------------------------------|-----------------------------|-----------------------|----------------------------|--|
| LOCATION: | Elevation: District: Latitude: Longitude: | | Feet South of 39 Feet West of 80 | | Doddridge 00 Sec. | | | |
| Company: | 22 G/ | OIL COMPANY ARTON PLAZA FON, WV 26452 | 2 | Casing & Tubing Size | Used In Drilling | Left In Well | Cement Fill Up Cu Ft | |
| Agent: Inspector: Permit Issued | David | . Chapman I Scranage 02-09-09 | | 9-5/8" | 128 | 128 | 70 Cu Ft | |
| Well Work Co | mmenced: | 06-26-10 | | 7" | 1226 | 1226 | 245 Cu Ft | |
| Well Work Co Verbal Pluggii Permission gr | ng | 07-06-10 | | 4-1/2" | | 5746 | 338 Cu Ft | |
| Rotary X Total Depth (Fresh water d | Cable feet) 5792 lepths (ft) 156 | 3' | | Office of Oil & Gas | | | | |
| Salt water dep is coal being a Coal Depths (| mined in area (Y | /N)? No | | | | MAY 09 2012 | | |
| OPEN FLOW DATA Alexander Benson Riley 5596-5661 5320-5327 Environmental Protection | | | | | | nent of Protection | | |
| Producing formation Warren Pay zone depth (ft) 3550-3697 Gas: Initial open flow Show MCF / D Oil: Initial open flow Show Bbl / D Final open flow 2,698 MCF / D Oil: Final open flow Show Bbl / D Time of open flow between initial and final tests N/A Hours Static rock pressure 1,675 psig (surface pressure) after 48 Hours | | | | | | | | |
| Second produ Gas: Initial Final | ns Comingled. ucing formation open flow open flow of open flow bet | MCF / D MCF / D ween initial and | Pay zone dep Oil: Initial op Oil: Final ope final tests | en flow | Bbl / D Bbl / D 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 Chaman

PRESIDENT

Date: August 15, 2010

Cowman No. 3 (47-017-05797)

TREATMENT:

Alexander 5598-5658 (14 Holes)

500 GA, 50,000# 20/40 Sand & 721 Bbis. 60 Quality Foam

Benson 5321-5335 (13 Holes)

750 GA, 5,000# 80/100 Sand, 25,000# 20/40 Sand & 569 Bbls. 60 Quality Foam

Riley 4840-4869 (13 Holes)

750 GA, 5,000# 80/100 Sand, 25,000# 20/40 Sand & 563 Bbls. 60 Quality Foam

Warren 3550-3691 (13 Holes)

750 GA, 5,000# 80/100 Sand, 45,000# 20/40 Sand & 689 Bbl. 60 Quality Foam

FORMATIONS:

| FIII | 0 | 11 | |
|-------------|------|------------|-------------------------------|
| Sand/Shale | 11 | 50 | |
| Coal | 50 | 55 | |
| Sand/Shale | 55 | 520 | Hole Damp @ 158 |
| Coal | 520 | 526 | |
| Sand/Shale | 526 | 2120 | Hole Wet @ 1780 - 1/2" Stream |
| Little Lime | 2120 | 2140 | Gas Ck @ 2106 - N/S |
| Big Lime | 2140 | 2240 | • |
| Sand/Shale | 2240 | 2475 | |
| Big injun | 2475 | 2508 | Gas Ck @ 2492 - N/S |
| Sand/Shale | 2508 | 2952 | Gas Ck @ 2912 - N/S |
| Gordon | 2952 | 3604 | Gas Ck @ 3600 - N/S |
| Warren | 3604 | 3710 | _ |
| Sand/Shale | 3710 | 4810 | Gas Ck @ 3902 - N/S |
| Riley | 4810 | 4890 | Gas Ck @ 4800 - Odor |
| Sand/Shale | 4890 | 5260 | Gas Ck @ 5200 - Odor |
| Benson | 5260 | 5340 | |
| Sand/Shale | 5340 | 5490 | |
| Alexander | 5490 | 5560 | Gas Ck @ 5500 - Odor |
| Sand/Shale | 5560 | 5792 | |
| RTD | 5792 | | |
| | | | |