

22-Sep-99 API # 47-103-01795

State of West Virginia Section of Oil and Gas

WV Division of **Environmental Protection**

DCT 30 2000

Division of Environmental Protection Well Operator's Report of Well Work

Reviewed_	138

Farm name: STEELE, STEVE Operator Well No.: OLAN HALL 3 Elevation: 1,098.00 Quadrangle: NEW MARTINSVILLE LOCATION: District: PROCTOR County: WETZEL
Latitude: 10400 Feet South of 39 Deg. 42Min. 30 Sec.
Longitude 8600 Feet West of 80 Deg. 45 Min. 0 Sec. Left Cement Fill Up Tubing | Drilling in Well Cu. Ft. Agent: JEFFREY W. SAYGER Size Inspector: RANDAL MICK 09/23/99 10-26-99 Permit Issued: 40' 11-3/4" N/A Well work Commenced: Well work Completed: Verbal Plugging 8-5/8" 325 Sks. 1081' Permission granted on: Rotary Cable Total Depth (feet) Rig _5<u>000</u> <u>'</u> 4-1/2" 4701' 275 Sks. Fresh water depths (ft) Salt water depths (ft) _ 1577* 1-1/2" 4400' N/A Is coal being mined in area (Y/N)? N Coal Depths (ft): N/A OPEN FLOW DATA Gas: Initial open flow 50.0 MCF/d Oil: Initial open flow 0.0 Bbl/d Final open flow 5.0 MCF/d Final open flow 0.0 Bbl/d Time of open flow between initial and final tests

Static rock Pressure 650 psig (surface pressure) 25.0 MCF/d Final open flow 1.0 Bbl/d Final open flow 1.0 Bb Gas: Initial open flow 0.0 MCF/d Oil: Initial open flow 0.0 Bbl/Final open flow 0.0 MCF/d Final open flow 0.0 Bbl/Time of open flow between initial and final tests

Static rock Pressure 50 psig (surface pressure) Bbl/d Bbl/d Hours Static rock Pressure 50 psig (surface pressure) after 24 Hours

*Not Productive - Depleted

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: OHIO L & M COMPANY

By: Martin L. Miller
Date: October 26, 2000

NOV 03 2000

£1000, WOV 3

Wil

- 1906

- 2387

- 3214

- 3296

- 3774

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STRUCTURAL CC	MPARISON:	•		
	Ohio L&M Co., Inc.#	Ohio L&M Co., In	Ohio L&M Co., Inc.	
	Olan Hall #3	Olan Hall #1		
1 st Salt sand	- 285	- 272		
Big Lime	- 738	· - 742		

5th sandstone

Warren sandstone

Benson sandstone

Alexander sandstone

Riley sandstone

GEOLOGY:

Sample analysis indicated good to very good sandstone development in the Berea and Gordon, with good development in the Injun. A good show of gas was encountered in the Gordon sandstone. Small shows of gas were recorded in the Injun, Weir, Berea and Riley. Fair to very good hydrocarbon fluorescence was noted in the Injun and Gordon.

Based upon the open hole logs, the Riley-Benson section at 4320 to 4416' showed fair development with fair gas saturation. The Berea and Gordon showed good to very good development, while the Injun, Weir and Warren recorded fair development. The Injun had high water saturation.

The Warren, Riley and Benson have the best chance for commercial production in this well and should be fair producers of gas with minor oil. Because of the high probability of depletion in the Berea and Gordon, they should not be completed at this time.

Respectfully submitted.

NATIONAL MINERALS CORPORATION

3014'

3495'

4322'

4404'

4882'

By: Douglas L. Core, President

November 12, 1999.

WELL: Ohio L & M Co., Inc.#3 Olan Hall.

LOCATION: Proctor District, Wetzel County, West Virginia.

PERMIT NUMBER: Wetzel-1795.

ELEVATION: 1098' Ground 1108' KB.

STATUS: Preparing to complete as a gas and oil producer.

CASING: 8 5/8" @ 1081'.

TOTAL DEPTH: 5000' Driller 4987' Logger.

CONTRACTOR: Warren Drilling Co..

TOOLS: Rotary.

SPUD DATE: 10/26/99.

COMPLETED DRILLING: 10/31/99.

FORMATION AT TOTAL DEPTH: Devonian shale.

ELECTRICAL SURVEYS: Gamma Ray- Neutron- Compensated Density-Caliper- Temperature- Noise- Induction by Allegheny Wireline Services, Inc...

SHOWS: A good show of gas was noted in the Gordon sandstone. Small shows of gas were noted in the Injun, Weir, Berea and Riley sandstones. Fair to very good hydrocarbon fluorescence was noted in the Injun and Gordon. A more detailed description of the above mentioned fluorescence can be found on the attached Formation Evaluation Log.

1st Salt sand	1393'	- 285
2nd Salt sand	1554'	- 446
3rd Salt sand	1688'	- 580
Maxon sandstone	1775'	- 667
Big Lime (Greenbrier)	18 4 6'	- 738
Keener sandstone	1966'	- 858
Injun sandstone	2009'	- 901
Squaw sandstone	2194'	- 1086
Weir sandstone	2320'	- 1212
Berea sandstone	2561'	- 1453
Gordon sandstone	2817'	- 1709
4 th sandstone	2947'	- 1839
	2nd Salt sand 3rd Salt sand Maxon sandstone Big Lime (Greenbrier) Keener sandstone Injun sandstone Squaw sandstone Weir sandstone Berea sandstone Gordon sandstone	2nd Salt sand 1554' 3rd Salt sand 1688' Maxon sandstone 1775' Big Lime (Greenbrier) 1846' Keener sandstone 1966' Injun sandstone 2009' Squaw sandstone 2194' Weir sandstone 2320' Berea sandstone 2561' Gordon sandstone 2817'