



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

Reviewed K

Well Operator's Report of Well Work

Farm name: MORRIS

Operator Well No. : W.B. MAXWELL #7

LOCATION: Elevation: 1,122.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 14,480 Feet South of 39 Deg. 15 Min. 00 Sec.
Longitude: 1,220 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: KEY OIL COMPANY
22 GARTON PLAZA
WESTON, WV 26452-0000

Agent: JAN E. CHAPMAN

Inspector: MIKE UNDERWOOD
Permit Issued: 10/13/98
Well Work Commenced: 12/28/99
Well Work Completed: 01/04/00
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5280'
Fresh water depths (ft) 365', 970'
Salt water depths (ft) NONE

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
8 5/8"	1144.50'	1144.50'	285 sks To Surface
4 1/2"	5217'	5217'	490 sks
2 3/8"		5030'	

Is coal being mined in area (Y / N)? N
Coal Depths (ft): NONE

Warren	3130' - 3194'
Speechley	3204' - 3326'
Balltown	3492' - 4242'
Rileys	4310' - 4732'
Benson	4775' - 4788'
Elk	4939' - 4994'

Producing formation Alexander Pay zone depth (ft) 5021' - 5127''
 Gas: Initial open flow Show MCF / d Oil: Initial open flow 0 Bbl / d
 Final open flow 1,353 MCF / d Oil: Final open flow show Bbl / d
 Time of open flow between initial and final tests N/A Hours
 Static rock pressure 1700 psig (surface pressure) after 96 Hours

Second producing formation Commingled 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: [Signature]
Date: January 27, 2000

PRESIDENT
FEB 25 2000

Dodd 4529

W. B. Maxwell #7 (47-017-4529)
Four Stage Foam Frac - Halliburton

1 st Stage:	Alexander (17 holes) (5050.75' to 5121.75') Elk (2 holes) (5050.75' to 4942.75')	60 Quality Foam. 500 gal. 15% HCL. 60,000# 20/40 sand, 550,000 SCF N2, 808 bbls foam.
2 nd Stage:	Benson (10 holes) (4789' to 4782.25') Third Riley (3 holes) (4698.25' to 4716.75')	60 Quality Foam. 750 gal 15% HCL. 40,000# 20/40 sand, 417,000 SCF N2, 614 bbls foam.
3 rd Stage:	Riley (7 holes) (4341.75' to 4364") Balltown (12 holes) (3834.75' to 4228.50')	60 Quality Foam. 1,000 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 502,000 SCF N2, 740 bbls foam.
4 th Stage:	Speechley (8 holes) (3210.75' to 3288.5') Warren (8 hole) (3165.75' to 31883.25')	60 Quality Foam. 1,000 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 502,000 SCF N2, 684 bbls foam.

WELL LOG

KB-GL	0	10	
Fill	10	16	
Sand & Shale	16	38	
Sand	38	76	
Sand & Shale	76	372	¼" H ² O @ 365'
Shale & Red Rock	372	380	
Sand & Shale	380	746	
Sand	746	830	
Sand & Shale	830	1730	½" H ² O @ 970'
Little Lime	1730	1766	
Shale	1766	1777	
Big Lime	1777	1831	
Big Injun	1831	1914	
Shale	1914	2062	
Weir	2062	2180	
Sand & Shale	2180	2250	
Berea	2250	2275	
Shale	2275	2506	
Gordon	2506	2510	
Shale	2510	3130	
Warren	3130	3194	<u>Gas Checks</u>
Shale	3194	3204	1706' - No Show
Speechley	3204	3326	1925' - Odor
Shale	3326	3492	1980' - Odor
Balltown	3492	4242	2015' - Odor
Shale	4242	4310	3102' - Odor
Riley	4310	4392	3503' - Odor
Shale	4392	4674	4311' - Odor
Third Riley	4674	4732	4713' - Odor
Shale	4732	4775	
Benson	4775	4788	
Shale	4788	4939	
Elk	4939	4994	
Shale	4994	5021	
Alexander	5021	5127	
Sand & Shale	5127	5280	
T.D.	5280		