

WELL SUMMARY

ODNR DIVISION OF OIL & GAS RESOURCES MANAGEMENT

API Well Number 34117222600000 Permit Issued 4/6/1987

Well Name SHAFFER N & D & HOLZBACHER J Acres 1 Well No. 1 Date Commenced 12/10/1986

Owner M & R INVESTMENTS OHIO LLC Well No. 1 Date Completed 12/16/1986

Logging Co. Schlumberger, Sego Core No. Sample No.

County MORROW Township GILEAD Quadrangle MOUNT GILEAD Zone N

Section 10 Lot 0 Tract Twp. Qtr. Surface X 1899400 Y 314300 Bottom X Y NAD27

Measured 781'NL & 450'WL OF SW1/4, SEC 10 Surface Lon -82.861881 Lat 40.528799 Bottom Lon Lat NAD27

Surface X 1867930 Y 314327 Bottom X Y NAD83 SPS

Prop TD Class S Tool RTF

GL 1038 DF KB 1047 LTD 3215 DTD 3220 PB Depth Date PB 2/16/1999

TD Form. TREMPEALEAU FORMATION Prod. Form. TREMPEALEAU FORMATION Status Active Injection

IP Natural IP AT Initial Rock Pressure Date Abandoned

Perforations PI: 3100-3103, S/Ft: 2, # Shots: 2, Csg: T1, Comp: PF, Cmmnt: 6 HOLES, 3100-3103 ,

Stimulations SI: 3100-3103, Fmntn Cd: 371020, Stim In: CS, Type: ACID, Vol: 1500 Gal, Acid%: 15, Cmmnt: ACIDSI: 0-0, Type: H2O, Cmmnt: STEEL CARRIERS 1500 GAL.

Casing Record SURF 8.625 0-376-0, Comment: 376 T1 1.5 0-2929-0, Comment: 0 T1* 1.5 -2930-0, Comment: 0 L1* 2.87 0-2958-0, Comment: 2993, Sks: 155 PROD 2.875 0-2958-0, Comment: 2958 PROD 4.5 0-3215-0, Comment: 3215, Sks: 150 PRD* 4.5 0-3215-2430, Comment: 3215, Sks: 150

Log Types Density, Spectral density, Slim hole density, Vari, Resistivity, Electric Log, Formation Density Log (D&Cal), Density, Porosity,, Gamma Ray, Gamma Ray, Induction, Phasor induction, Perforating Depth Control, Perforating

Formations

Formation	Top	Bottom	Source	Prod.	Non-Standard	Remarks
BIG LIME	446	1227	Driller	No		
TRENTON LIMESTONE	2522	2670	Driller	No		
BLACK RIVER GROUP	2670	3841	Driller	No		
GLENWOOD FORMATION	3090	3096	Driller	No		
TREMPEALEAU FORMATION	3096	3125	Driller	No		
GULL RIVER FORMATION	3141	3090	Driller	No		

Annual Production

Year	Quarter	Source	Oil	Gas	Water	Remarks
1996	N\A	RBDMS	0	0	0	
1997	N\A	RBDMS	0	0	0	
1998	N\A	RBDMS	0	0	0	
1999	N\A	RBDMS	0	0	0	
2000	N\A	RBDMS	0	0	0	
2001	N\A	RBDMS	0	0	0	
2002	N\A	RBDMS	0	0	0	
2003	N\A	RBDMS	0	0	0	
2004	N\A	RBDMS	0	0	0	
2005	N\A	RBDMS	0	0	0	
2006	N\A	RBDMS	0	0	0	
2008	N\A	RBDMS	0	0	0	
2016	N\A	RBDMS	0	10	0	
2017	N\A	RBDMS	0	0	20	
2018	N\A	RBDMS	0	0	0	
2019	N\A	RBDMS	0	0	0	