



RECORD OF WELL COMPLETION

By authority of Part 615 or Part 625 of Act 451 PA 1994, as amended. Non-submission and/or falsification of this information may result in fines and/or imprisonment.

(Submit within 60 days of well completion.)

Part 615 Oil/Gas Well Part 625 Mineral Well

Permit number/deepening permit no. 60983	API number 21-133-41327-01-00
Type of well (after completion) oil/gas	
Well name & number State Sherman Forshee & Copper 1-33A	

Name and address of permittee Breitburn Operating, LP 1165 Elkview Dr. Gaylord, MI 49735					
Directionally drilled (check one) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Previous permit numbers		Total depth of well M.D. 10281' T.V.D. 10148'	
Surface location NE ¼ of SW ¼ of NE ¼ Section 33 T 20N R 9W				Subsurface location (if directionally drilled) NW ¼ of SW ¼ of NE ¼ Section 33 T 20N R 9W	
Township Sherman		County Osceola		Township Sherman	
Footages: North/South 1548 Ft. from North line and 1899 Ft. from East line of Sec.		Footages: East/West 1858 Ft. from North line and 2560 Ft. from East line of Sec.			
Part 615 - oil/gas wells			Part 625 - mineral wells		
Date well completed 10/14/2014	Producing formation(s) PDC	Injection formation(s) NA	Date of first injection	Disposal formation(s)	Solution formation(s)

COMPLETION INTERVALS(S)

Date	Number holes	Perforation or open hole interval	Open	
			Yes	No
10/26/2014	60	10160'-10170'	X	
10/31/2014	60	10042'-10052'	X	
10/31/2014	48	10030'-10038'	X	

STIMULATION BY ACID OR FRACTURING

Date	Interval treated	Materials and amount used
10/27/2014	10160'-10170'	Acidized w/300 gals foamed 15% HCL
10/31/2014	10160'-10170'	Fracture stimulate w/26 tons Co2, propped w/5000# ceramic proppant
10/31/2014	10030'-10038' & 10042'-10052'	Fracture stimulate w/25 tons Co2, propped w/5500# ceramic proppant

PRODUCTION TEST DATA

Oil Bbls/day	Gravity °API	Condensate Bbls/day	Gas MCF/day	Water Bbls/day	H ₂ S Grains/100 ft ³ .	B.H.P. and depth
120	NA	NA	1.5 MMCF	25		

CERTIFICATION "I state that I am authorized by said owner. This report was prepared under my supervision and direction. The facts stated herein are true, accurate and complete to the best of my knowledge."

Name and title (print or type) Joe LaTulip, Drilling Superintendent	Signature 	Date 12/17/2014
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Mail original to Office of Oil, Gas, and Minerals, Michigan Department of Environmental Quality, P.O. Box 30256, Lansing, MI 48909-7756. Or submit via email to deq-geologicalrecords@michigan.gov.

