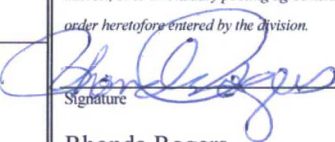


<div>16</div>				<div>17</div> <div>OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</div> <div><div></div><div>Signature</div><div>02/20/2018</div><div>Date</div></div> <div>Rhonda Rogers</div> <div>Printed Name</div> <div>rogerrs@conocophillips.com</div> <div>E-mail Address</div>
<div>BHL 1655'</div> <div>1759'</div> <div>599'</div> <div>SHL</div>				<div>18</div> <div>SURVEYOR CERTIFICATION</div> <div>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div> <div>Certificate Number</div>



Directional Survey
EAST VACUUM GBSA UNIT 3328-W520

Wellbore Name		Parent Wellbore		Kick Off Depth (ftKB)		Vertical Section Direction (°)	
Original Hole		Original Hole		57.0		257.35	
Date		As Ran		Description		Proposed?	
11/3/2017		No		MWD SURVEY		No	
MD Tie In (ftKB)		TVDTie In (ftKB)		Inclination Tie In (°)		Azimuth Tie In (°)	
						NSTie In (ft)	
						EWTie In (ft)	

Survey Data										
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Method	Survey Company
11/3/2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Inc-MWD	MS Energy Services
11/3/2017	141.00	0.30	253.90	141.00	0.37	-0.10	-0.35	0.21	Inc-MWD	MS Energy Services
11/3/2017	328.00	0.30	244.00	328.00	1.33	-0.45	-1.27	0.03	Inc-MWD	MS Energy Services
11/3/2017	514.00	0.50	268.90	513.99	2.60	-0.68	-2.51	0.14	Inc-MWD	MS Energy Services
11/3/2017	699.00	0.30	240.50	698.99	3.86	-0.94	-3.74	0.15	Inc-MWD	MS Energy Services
11/3/2017	821.00	1.50	278.40	820.97	5.65	-0.86	-5.60	1.05	Inc-MWD	MS Energy Services
11/3/2017	943.00	2.90	276.50	942.88	10.06	-0.28	-10.25	1.15	Inc-MWD	MS Energy Services
11/3/2017	1,097.00	3.20	254.90	1,096.67	18.03	-0.96	-18.27	0.77	Inc-MWD	MS Energy Services
11/3/2017	1,224.00	3.20	255.40	1,223.47	25.12	-2.77	-25.12	0.02	Inc-MWD	MS Energy Services
11/3/2017	1,351.00	3.10	255.30	1,350.28	32.09	-4.54	-31.87	0.08	Inc-MWD	MS Energy Services
11/3/2017	1,477.00	2.80	253.80	1,476.11	38.57	-6.26	-38.12	0.25	Inc-MWD	MS Energy Services
11/3/2017	1,535.00	3.20	260.40	1,534.03	41.60	-6.93	-41.08	0.91	Inc-MWD	MS Energy Services
11/7/2017	2,000.00	2.85	271.08	1,998.38	65.79	-8.87	-65.43	0.14	IncAzi-WL	MS Energy Services
11/7/2017	2,500.00	2.33	305.30	2,497.90	84.67	-2.76	-86.16	0.32	IncAzi-WL	MS Energy Services
11/7/2017	3,000.00	2.02	5.32	2,997.60	88.76	11.88	-93.64	0.44	IncAzi-WL	MS Energy Services
11/7/2017	3,500.00	1.47	327.67	3,497.38	88.20	26.08	-96.25	0.25	IncAzi-WL	MS Energy Services
11/7/2017	4,000.00	1.38	317.95	3,997.23	93.32	35.97	-103.71	0.05	IncAzi-WL	MS Energy Services
11/7/2017	5,248.00	1.38	317.95	5,244.87	108.07	58.29	-123.84	0.00	Projection	MS Energy Services

Provide signature page for
directional survey