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SURFACE Type of Con NEW DRII	DOWN DOWN		N 🔀 PAYA	ADD 🗌 COMMINGLE 🗌	Date: 8/13/2018 API No. 30-045-35152 DHC No. DHC 4024AZ Lease No. NMSF078439 Federal
Well Name Johnston Federal					Well No. #9F
Unit Letter B	Section 35	Township T31N	Range R09W	Footage 749' FNL & 1453' FEL	County, State San Juan, New Mexico
Completion	Date	Test Method	1		
8/10/2018		HISTORICAL			
allocated usi commingled base formati allocated to of production	ing the subt is the Mes on(s) using the new for n. See atta	traction metho averde. The s historic prod mation(s). A ched docume	od. The bas subtraction luction. All fixed percents for prod	se formation is the Dakota an method applies an average n production from this well ex entage based allocation will b uction forecast.	Id the added formation to be nonthly production forecast to the sceeding the forecast will be be submitted after the fourth year
APPROVEI William	BY Tambe	kau	DATE <u>8/14 </u> 2011	TITLE. Petroleum Enginee	PHONE 505-564-7746
X HUSU Priscilla S	<u>lla Sh</u>	aty	8/13/1	Operations Regulatory 7	Tech Sr. 505-324-5188
	SURFACE Type of Cor NEW DRII Well Name Johnston Fo Unit Letter B Completion 8/10/2 JUSTIFICA allocated usic commingled base formatic allocated to of production Oil production APPROVEI William X HUSU	PROI	PRODUCTION Commingle Type SURFACE DOWNHOLE S DOWNHOLE S Type of Completion NEW DRILL RECOMPLETION Well Name Johnston Federal Unit Letter Section Township B 35 T31N Completion Date Test Method Allocated using the subtraction method OILISTIFICATION OF ALLOCATION ALLOCATION OF ALLOCATION allocated using the subtraction method commingled is the Mesaverde. The base formation(s) using historic production. See attached docume Oil production will be allocated base APPROVED BY William Tambekou Xusulla Sutty	PRODUCTION ALLOCA Commingle Type SURFACE □ DOWNHOLE ⊠ Type of Completion NEW DRILL □ RECOMPLETION ⊠ PAYA Well Name Johnston Federal Unit Letter Section Township Range B 35 T31N R09W Completion Date Test Method 8/10/2018 HISTORICAL □ FIE JUSTIFICATION OF ALLOCATION: Hilcorrallocated using the subtraction method. The base commingled is the Mesaverde. The subtraction base formation(s) using historic production. All allocated to the new formation(s). A fixed percent of production. See attached documents for production. All allocated to the new formation(s). A fixed percent of production will be allocated based on average APPROVED BY DATE MUSUUA MATE XHUSUUA S/13/15	AUG Hilcorp Energy Company PRODUCTION ALLOCATION FORM PRODUCTION ALLOCATION FORM Commingle Type SURFACE DOWNHOLE S Type of Completion NEW DRILL D RECOMPLETION PAYADD COMMINGLE Well Name Johnston Federal Unit Letter Section Township Range Footage B 35 T31N R09W 749' FNL & 1453' FEL Completion Date Test Method B JUSTIFICATION OF ALLOCATION: Hilcorp requests that production for allocated using the subtraction method. The base formation is the Dakota an commingled is the Mesaverde. The subtraction method applies an average no base formation(s) using historic production. All production from this well e: allocated to the new formation(s). A fixed percentage based allocation will to of production. See attached documents for production forecast. Oil production will be allocated based on average formation yields from offs APPROVED BY DATE TITLE August Mathy August Mathy AUGUST Mathy

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