

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP		API Number 30-025-10491
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 283

7. Surface Location

UL - Lot F	Section 28	Township 22S	Range 37E		Feet from 2310	N/S Line N	Feet From 2310	E/W Line W	County LEA
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Well Status

TA'D WELL YES	☒ NO	SHUT-IN YES	☒ NO	☒ INJ	INJECTOR SWD	PRODUCER OIL	GAS	DATE 01/29/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	☒			☒	2000
Flow Characteristics					
Puff	Y / ☒ N	Y / N	Y / N	☒ Y / N	CO2 ☒
Steady Flow	Y / ☒ N	Y / N	Y / N	Y / ☒ N	WTR ☒
Surges	Y / ☒ N	Y / N	Y / N	Y / ☒ N	GAS ☒
Down to nothing	☒ Y / N	Y / N	Y / N	☒ Y / N	Type of Fluid Injected for Waterflood if applies.
Gas or Oil	Y / ☒ N	Y / N	Y / N	Y / ☒ N	
Water	Y / ☒ N	Y / N	Y / N	Y / ☒ N	

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:		OIL CONSERVATION DIVISION	
Printed name: Marlon Nunez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
	Witness:		

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP		API Number 30-025-10504
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 293

Surface Location

UL - Lot A	Section 29	Township 22S	Range 37E		Feet from 990	N/S Line N	Feet From 330	E/W Line E	County LEA
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Well Status

TA'D WELL YES ☒ NO	SHUT-IN YES ☒ NO	INJECTOR INJ ☐ SWD ☒	PRODUCER GAS ☐ OIL ☒	DATE 01/29/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	$\emptyset$	$\emptyset$		10	50
Flow Characteristics					
Puff	Y / ☒	Y / ☒	Y / ☒	Y / N	CO2 ☐
Steady Flow	Y / ☒	Y / ☒	Y / N	Y / N	WTR ☐
Surges	Y / ☒	Y / ☒	Y / N	Y / N	GAS ☐
Down to nothing	☒ / N	☒ / N	Y / N	Y / N	Type of Fluid Injected for Waterflood if applies
Gas or Oil	Y / ☒	Y / ☒	Y / N	Y / N	
Water	Y / ☒	Y / ☒	Y / N	Y / N	

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:		OIL CONSERVATION DIVISION	
Printed name: Marlon Nuñez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
	Witness:		

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BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP		API Number 30-025-28108
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 310

7. Surface Location

UL - Lot B	Section 27	Township 22S	Range 37E		Feet from 1170	N/S Line N	Feet From 2630	E/W Line E	County LEA
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Well Status

TA'D WELL YES	NO	YES	SHUT-IN NO	INJECTOR INJ	SWD	OIL	PRODUCER GAS	DATE 3/3/23
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	6			5	5
Flow Characteristics					
Puff	Y / N	Y / N	Y / N	Y / N	CO2 ____
Steady Flow	Y / N	Y / N	Y / N	Y / N	WTR ____
Surges	Y / N	Y / N	Y / N	Y / N	GAS ____
Down to nothing	Y / N	Y / N	Y / N	Y / N	Type of Fluid
Gas or Oil	Y / N	Y / N	Y / N	Y / N	Injected for
Water	Y / N	Y / N	Y / N	Y / N	Waterflood if
					applies.

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:		OIL CONSERVATION DIVISION	
Printed name: Marla Nuñez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
	Witness:		

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP	API Number 30-025-28088
Property Name LANGLIE MATTIX PENROSE SAND UNIT	Well No. 311

7. Surface Location

UL - Lot A	Section 27	Township 22S	Range 37E	Feet from 150	N/S Line N	Feet From 1310	E/W Line E	County LEA
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Well Status

TA'D WELL YES ☒ NO	SHUT-IN YES ☒ NO	INJ	INJECTOR SWD ☒ OIL	PRODUCER GAS	DATE 02/01/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	$\emptyset$			40	60
Flow Characteristics					
Puff	Y / ☒ N	Y / N	Y / N	Y / N	CO2 ___
Steady Flow	Y / ☒ N	Y / N	Y / N	Y / N	WTR ___
Surges	Y / ☒ N	Y / N	Y / N	Y / N	GAS ___
Down to nothing	☒ Y / N	Y / N	Y / N	Y / N	Type of Fluid Injected for Waterflood if applies.
Gas or Oil	Y / ☒ N	Y / N	Y / N	Y / N	
Water	Y / ☒ N	Y / N	Y / N	Y / N	

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:	OIL CONSERVATION DIVISION
Printed name: I Marlon Nuñez	Entered into RBDMS
Title: PRODUCTION TECH	Re-test
E-mail Address:	
Date:	
Phone:	
Witness:	

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Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP		API Number 30-025-28460	
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 312	

Surface Location									
UL - Lot C	Section 27	Township 22S	Range 37E		Feet from 110	N/S Line N	Feet From 2580	E/W Line W	County LEA

Well Status						
☒ YES TA'D WELL NO	☒ YES SHUT-IN NO	INJ	INJECTOR	SWD	☒ OIL PRODUCER GAS	DATE 01/30/2023

OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	$\emptyset$			20	20
Flow Characteristics					
Puff	Y / ☒ N	Y / ☒ N	Y / ☒ N	Y / ☒ N	CO2 ___
Steady Flow	Y / ☒ N	Y / ☒ N	Y / ☒ N	Y / ☒ N	WTR ___
Surges	Y / ☒ N	Y / ☒ N	Y / ☒ N	Y / ☒ N	GAS ___
Down to nothing	☒ Y / N	Y / ☒ N	Y / ☒ N	Y / ☒ N	Type of Fluid Injected for Waterflood if applies.
Gas or Oil	Y / ☒ N	Y / ☒ N	Y / ☒ N	Y / ☒ N	
Water	Y / ☒ N	Y / ☒ N	Y / ☒ N	Y / ☒ N	

Remarks – Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:		OIL CONSERVATION DIVISION	
Printed name: Marlon Nuñez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
	Witness:		

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BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP		API Number 30-025-31660
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 313

7. Surface Location

UL - Lot C	Section 27	Township 22S	Range 37E		Feet from 38	N/S Line N	Feet From 1379	E/W Line W	County LEA
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Well Status

TA'D WELL YES	☒ NO	SHUT-IN YES	☒ NO	INJ	INJECTOR SWD	☒ OIL	PRODUCER GAS	DATE 01/30/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	$\emptyset$	$\emptyset$		30	50
Flow Characteristics					
Puff	Y / ☒ N	Y / ☒ N	Y / N	Y / N	CO2 ___
Steady Flow	Y / ☒ N	Y / ☒ N	Y / N	Y / N	WTR ___
Surges	Y / ☒ N	Y / ☒ N	Y / N	Y / N	GAS ___
Down to nothing	☒ Y / N	☒ Y / N	Y / N	Y / N	Type of Fluid Injected for Waterflood if applies
Gas or Oil	Y / ☒ N	Y / ☒ N	Y / N	Y / N	
Water	Y / ☒ N	Y / ☒ N	Y / N	Y / N	

Remarks – Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:		OIL CONSERVATION DIVISION	
Printed name: <i>Sharon Nunez</i>		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
Witness:			

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BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP	API Number 30-025-36699
Property Name LANGLIE MATTIX PENROSE SAND UNIT	Well No. 314

7. Surface Location

UL - Lot F	Section 27	Township 22S	Range 37E		Feet from 1395	N/S Line N	Feet From 1373	E/W Line W	County LEA
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Well Status

YES	T-A'D WELL ☒ NO	YES	SHUT-IN ☒ NO	INJ	INJECTOR SWD	PRODUCER ☒ OIL	GAS	DATE 01/30/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	Ø			30	80
<u>Flow Characteristics</u>					
Puff	Y / ☒ N	Y / N	Y / N	Y / N	CO2 ____
Steady Flow	Y / ☒ N	Y / N	Y / N	Y / N	WTR ____
Surges	Y / ☒ N	Y / N	Y / N	Y / N	GAS ____
Down to nothing	☒ Y / N	Y / N	Y / N	Y / N	Type of Fluid Injected for Waterflood if applies.
Gas or Oil	Y / ☒ N	Y / N	Y / N	Y / N	
Water	Y / ☒ N	Y / N	Y / N	Y / N	

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:		OIL CONSERVATION DIVISION	
Printed name: Marlon Nuñez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
Witness:			

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BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP	API Number 30-025-36853
Property Name LANGLIE MATTIX PENROSE SAND UNIT	Well No. 316

7. Surface Location

UL - Lot D	Section 27	Township 22S	Range 37E		Feet from 1103	N/S Line N	Feet From 229	E/W Line W	County LEA
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Well Status

TA'D WELL YES	☒ NO	SHUT-IN YES	☒ NO	INJECTOR INJ	SWD	☒ OIL	PRODUCER GAS	DATE 01/30/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	Ø			50	110
<u>Flow Characteristics</u>					
Puff	Y / ☒ N	Y / N	Y / N	Y / N	CO2 ____
Steady Flow	Y / ☒ N	Y / N	Y / N	Y / N	WTR ____
Surges	Y / ☒ N	Y / N	Y / N	Y / N	GAS ____
Down to nothing	Y / ☒ N	Y / N	Y / N	Y / N	Type of Fluid Injected for Waterflood if applies
Gas or Oil	Y / ☒ N	Y / N	Y / N	Y / N	
Water	Y / ☒ N	Y / N	Y / N	Y / N	

Remarks – Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:		OIL CONSERVATION DIVISION	
Printed name: Marlon Nuñez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
	Witness:		

State of New Mexico
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Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP		API Number 30-025-22655
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 323

Surface Location

UL - Lot E	Section 33	Township 22S	Range 37E		Feet from 1790	N/S Line N	Feet From 660	E/W Line W	County LEA
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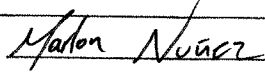
Well Status

TA'D WELL YES ☒ NO	SHUT-IN YES ☒ NO	INJ	INJECTOR SWD	☒ OIL	PRODUCER GAS	DATE 3/3/23
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	Ø			Ø	40
Flow Characteristics					
Puff	☒ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	CO2 ☐
Steady Flow	☐ Y ☒ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	WTR ☐
Surges	☐ Y ☒ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	GAS ☐
Down to nothing	☒ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	Type of Fluid Injected for Waterflood if applies.
Gas or Oil	☐ Y ☒ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	
Water	☐ Y ☒ N	☐ Y ☐ N	☐ Y ☐ N	☐ Y ☐ N	

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature: 		OIL CONSERVATION DIVISION	
Printed name: Marlon Nunez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
	Witness:		

District 1
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico
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Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP	API Number 30-025-10558
Property Name LANGLIE MATTIX PENROSE SAND UNIT	Well No. 341

2. Surface Location

UL - Lot G	Section 33	Township 22S	Range 37E		Feet from 1980	N/S Line N	Feet From 1980	E/W Line E	County LEA
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Well Status

TA'D WELL YES	☒ NO	SHUT-IN YES	☒ NO	INJ	INJECTOR SWD	☒ OIL	PRODUCER GAS	DATE 01/29/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	Ø	Ø		5	40
<u>Flow Characteristics</u>					
Puff	Y / ☒ N	Y / ☒ N	Y / N	Y / N	CO2 ____
Steady Flow	Y / ☒ N	Y / ☒ N	Y / N	Y / N	WTR ____
Surges	Y / ☒ N	Y / ☒ N	Y / N	Y / N	GAS ____
Down to nothing	☒ Y / N	☒ Y / N	Y / N	Y / N	Type of Fluid
Gas or Oil	Y / ☒ N	Y / ☒ N	Y / N	Y / N	Injected for
Water	Y / ☒ N	Y / ☒ N	Y / N	Y / N	Waterflood if
					applies.

Remarks – Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Signature:		OIL CONSERVATION DIVISION	
Printed name: I <i>Marlon Nuñez</i>		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
	Witness:		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 221525

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 1400 16th Street, Suite 510 Denver, CO 80202	OGRID: 240974
	Action Number: 221525
	Action Type: [UF-BHT] Bradenhead Test (BRADENHEAD TEST)

CONDITIONS

Created By	Condition	Condition Date
timothy.martin	None	9/20/2024