

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 30-025-38324	
Property Name LANGLIE MATTIX PENROSE SAND UNIT			Well No. 154

2. Surface Location									
UL - Lot P	Section 22	Township 22S	Range 37E		Feet from 1150	N/S Line S	Feet From 1000	E/W Line E	County LEA

Well Status									
TA'D WELL YES	(NO)	SHUT-IN YES	(NO)	INJ	INJECTOR SWD	(OIL)	PRODUCER GAS	DATE 02/01/2023	

OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(E)Tubing
Pressure	Ø			40	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 Nuñez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
Witness:			

State of New Mexico
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BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP	API Number 30-025-10423
Property Name LANGLIE MATTIX PENROSE SAND UNIT	Well No. 161

7. Surface Location

UL - Lot M	Section 23	Township 22S	Range 37E	Feet from 660	N/S Line S	Feet From 660	E/W Line W	County LEA
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Well Status

TA'D WELL YES ☒ NO ☐	SHUT-IN YES ☐ NO ☒	INJECTOR INJ ☐ SWD ☐	PRODUCER OIL ☒ 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	☒			☒	☒
Flow Characteristics					
Puff	Y / ☒	Y / N	Y / N	Y / N	CO2 ___
Steady Flow	Y / ☒	Y / N	Y / N	Y / N	WTR ___
Surges	Y / ☒	Y / N	Y / N	Y / N	GAS ___
Down to nothing	☒ / N	Y / N	Y / N	Y / N	Type of Fluid Injected for Waterflood if applies
Gas or Oil	Y / ☒	Y / N	Y / N	Y / N	
Water	Y / ☒	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
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name LEGACY RESERVES OPERATING LP		API Number 30-025-10464
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 172

Surface Location									
UL - Lot E	Section 26	Township 22S	Range 37E		Feet from 2310	N/S Line N	Feet From 330	E/W Line W	County LEA

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	ϕ			35	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 Nuñez		Entered into RBDMS	
Title: PRODUCTION TECH		Re-test	
E-mail Address:			
Date:	Phone:		
	Witness:		

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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 30-025-10474	
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 193	

2. Surface Location

UL - Lot I	Section 27	Township 22S	Range 37E		Feet from 1980	N/S Line S	Feet From 990	E/W Line E	County LEA
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Well Status

YES	TA'D WELL ☒ NO	YES	SHUT-IN ☒ NO	INJ	INJECTOR	SWD	☒ OIL	PRODUCER	GAS	DATE 01/31/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	$\emptyset$	$\emptyset$		10	30
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 30-025-38305	
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 196	

2. Surface Location

UL - Lot J	Section 27	Township 22S	Range 37E		Feet from 2440	N/S Line S	Feet From 1700	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 ☒ OIL	GAS	DATE 9/31/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	$\emptyset$			10	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 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 30-025-10471
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 201

7. Surface Location

UL - Lot O	Section 27	Township 22S	Range 37E		Feet from 660	N/S Line S	Feet From 1980	E/W Line E	County LEA
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Well Status

YES	TAB WELL	☒ NO	☒ YES	SHUT-IN	NO	INJ	INJECTOR	SWD	☒ OIL	PRODUCER	GAS	DATE 01/31/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(E)Tubing
Pressure	$\emptyset$			$\emptyset$	$\emptyset$
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 30-025-36696
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 202

7. Surface Location

UL - Lot O	Section 27	Township 22S	Range 37E		Feet from 90	N/S Line S	Feet From 2520	E/W Line E	County LEA
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Well Status

TA'D WELL YES ☒ NO	SHUT-IN YES ☒ NO	INJ INJECTOR INJ ☐ SWD ☒	PRODUCER ☒ OIL ☐ GAS	DATE 01/31/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(E)Tubing
Pressure	☒			S	20
Flow Characteristics					
Puff	Y / ☒	Y / N	Y / N	Y / N	CO2 ___
Steady Flow	Y / ☒	Y / N	Y / N	Y / N	WTR ___
Surges	Y / ☒	Y / N	Y / N	Y / N	GAS ___
Down to nothing	☒ / N	Y / N	Y / N	Y / N	Type of Fluid
Gas or Oil	Y / ☒	Y / N	Y / N	Y / N	Injected for
Water	Y / ☒	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: 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 30-025-38306	
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 204	

¹ Surface Location

UL - Lot J	Section 27	Township 22S	Range 37E		Feet from 1520	N/S Line S	Feet From 1475	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 01/31/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	Ø			10	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 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 30-025-09062
Property Name LANGLIE MATTIX PENROSE SAND UNIT		Well No. 211

7. Surface Location

UL - Lot M	Section 27	Township 22S	Range 37E		Feet from 660	N/S Line S	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 02/04/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(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
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: 1 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 30-025-10572
Property Name LANGLIE MATTIX PENROSE SAND UNIT	Well No. 216

2. Surface Location

UL - Lot E	Section 34	Township 22S	Range 37E	Feet from 1980	N/S Line N	Feet From 341	E/W Line W	County LEA
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Well Status

TA'D WELL YES ☒ NO	SHUT-IN YES ☒ NO	INJECTOR INJ ☐ SWD ☐	PRODUCER ☒ OIL ☐ GAS	DATE 01/31/2023
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	Ø			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
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: Marlon Nunez	Entered into RBDMS
Title: PRODUCTION TECH	Re-test
E-mail Address:	
Date:	
Phone:	
Witness:	

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

CONDITIONS

Action 221220

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 1400 16th Street, Suite 510 Denver, CO 80202	OGRID: 240974
	Action Number: 221220
	Action Type: [UF-BHT] Bradenhead Test (BRADENHEAD TEST)

CONDITIONS

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