



BP America Production Company
Permian Performance Unit
P.O. Box 1089
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505-394-1600
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Southeast New Mexico Asset Area

NOV -7 2008
OCD-ARTESIA

November 6, 2008

New Mexico Oil Conservation Division
1301 W. Grand Ave.
Artesia, New Mexico 88210

30-015-01535

Subject: Reports - Production
EMPIRE ABO UNIT D-40
Unit Letter P, Section 26, T17S, R28E
Eddy County, New Mexico
LACT Meter Proving Report

Gentlemen:

Attached are two copies of the LACT Meter Proving Report dated 10/24/08. Please advise if additional information is required.

Sincerely,

Vicki Owens

Vicki Owens
Administrative Assistant

ACCEPTED FOR RECORD

NOV 7 - 2008

Gerry Guye, Deputy Field Inspector
NMOCD-District II ARTESIA

Attachment

cc: Eunice
BLM - Carlsbad
Federal Lease #NM70945X

Centurion Pipeline L.P.

10/24/2008 9:30:46 AM

Meter Proving Report

Lease: 390300 - EMPIRE ABO UNIT
Customer: B.P.
Federal Number:

Legal Desc :
State Code:

Proving Date : 10/24/2008
Test : ☐

Meter Data		Prover Data	
Meter No. : 35080	Base Ind.: ☐	Vol / bbl : 2.627799	Type : BiDirectional
Name : Mtr # 35080 - Lse # 390300		I.D.(inch) : 6.065	Counter Type : Pulses
Serial No :		Wall (inch) : 0.28	Material Type : Mild Carbon
Op. Specialist : Steve Hernandez		Serial No : Unit E 1019	
Model No. E3-S1		Calibration Date : 5/9/2006	
Pulse / bbl: 8400	Size (in) : 3	Fluid : NMI	
Report No. : 11	Temp Comp : No		

Totalizer Data		Liquid Data		Previous Meter Data	
Close Reading :	768980	Flow bbl / hr :	240	Proving Date:	9/30/2008
Open Reading :	753820	Vapor psi :	0	CMF:	1.0037
Metered :	15160	Obsrv Temp :	52	Meter Factor:	1.0031
		Obsrv Gravity :	41.9	Closing Reading:	753820
		API Gravity:	42.6	Flow bbl / hr:	240
		Obsrv psi :	100	Obsrv Temp:	74
				API Gravity:	43.1
				Obsrv psi	100

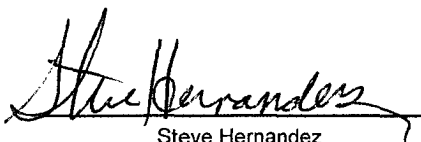
Run No.	Temperature (F)		Pressure (psi)		Counter Readings	
	Prover	Meter	Prover	Meter	One Way	Rnd Trip
845639	55.9	56.7	103	190		22027.0
845739	56.5	56.7	103	190		22024.0
845839	56.6	56.7	103	190		22029.0
845939	56.9	56.7	103	190		22025.0
846039	56.9	56.7	103	190		22020.0
Averages :	56.6	56.7	103	190		22025.0

Count Difference: 9.0

Counts Allowed: 1.1

Repeatability not to exceed .05% 0.0409

Prover Vol	2 62780	X	CTSp	0 99994	X	CPSp	1.00007	X	CTLp	1.00176	X	CPLp	1.00057	=	Corrected Prover	2.63395
Avg Counter	22025	/	Pulses / bbl	8400	=	Meter Gross	2.62202	X	CTLm	1 00171	X	CPLm	1.00106	=	Corrected Meter	2.62929
Corrected Prover	2.63395	/	Corrected Meter	2.62929	=	Meter Factor	1 0018	X	CPL	1.0006	=	Composite Meter Factor	1.0024		Manually Entered Factor	N/A


Steve Hernandez

Centurion Pipeline L.P.

Witness 1

Witness 2

10/24/2008

Date

Temp. Avr. As Found: 57.1 Verified Thermometer: 56.7 Temp. Trans. As Found:

Press. Trans. As Found: Divert Valve Checked : ☒ Press. Gauge:

#135072

Centurion Pipeline L.P.

10/24/2008 9:30:46 AM

Meter Proving Report

Lease: 390300 - EMPIRE ABO UNIT
Customer: B.P.
Federal Number:

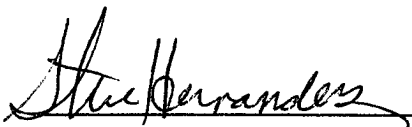
Legal Desc :
State Code:

Proving Date : 10/24/2008
Test : ☐

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Name : Mtr # 35080 - Lse # 390300		I.D.(inch) : 6.065	Counter Type : Pulses
Serial No :		Wall (inch) : 0.28	Material Type : Mild Carbon
Op. Specialist : Steve Hernandez		Serial No : Unit E 1019	
Model No. E3-S1		Calibration Date : 5/9/2006	
Pulse / bbl: 8400	Size (in) : 3	Fluid : NMI	
Report No. : 11	Temp Comp : No		
Totalizer Data		Previous Meter Data	
Close Reading : 768980		Proving Date: 9/30/2008	
Open Reading : 753820		CMF: 1.0037	
Metered : 15160		Meter Factor: 1.0031	
Notes		Closing Reading: 753820	
		Flow bbl / hr: 240	
		Obsrv Temp: 74	
		API Gravity: 43.1	
		Obsrv psi: 100	

Run No.	Temperature (F)		Pressure (psi)		Counter Readings	
	Prover	Meter	Prover	Meter	One Way	Rnd Trip
845639	55.9	56.7	103	190		22027.0
845739	56.5	56.7	103	190		22024.0
845839	56.6	56.7	103	190		22029.0
845939	56.9	56.7	103	190		22025.0
846039	56.9	56.7	103	190		22020.0
Averages :	56.6	56.7	103	190		22025.0
Count Difference:						9.0
Counts Allowed:						11
Repeatability not to exceed .05%						0.0409

Prover Vol	CTSp	CPSp	CTLp	CPLp	Corrected Prover
2.62780 X	0.99994 X	1.00007 X	1.00176 X	1.00057 =	2.63395
Avg Counter	Pulses / bbl	Meter Gross	CTLm	CPLm	Corrected Meter
22025 /	8400 =	2.62202 X	1.00171 X	1.00106 =	2.62929
Corrected Prover	Corrected Meter	Meter Factor	CPL	Composite Meter Factor	Manually Entered Factor
2.63395 /	2.62929 =	1.0018 X	1.0006 =	1.0024	N/A


Steve Hernandez
Centurion Pipeline L.P.

Witness 1

Witness 2

10/24/2008
Date

Temp. Avr. As Found: 57.1 Verified Thermometer: 56.7 Temp. Trans. As Found:

Press. Trans. As Found: Divert Valve Checked: ☒
Press. Gauge:

#135072