



BP America Production Company
Permian Performance Unit
P.O. Box 1089
Eunice NM 88231
505-394-1600
FAX 505-394-1624

Southeast New Mexico Asset Area

CERTIFIED - RETURN RECEIPT REQUESTED
7004-2510-0006-0831-4692

March 3, 2006

30-015-01740

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

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 2/17/06. Please advise if additional information is required.

Sincerely,

Vicki Owens
Administrative Assistant

RECEIVED

MAR 06 2006

OCU-ARTESIA

Attachment

cc: Eunice
BLM - Carlsbad
Federal Lease #8910138010

METER PROVING REPORT BY PIPE PROVER

BP Pipelines (North America) Inc.

Effective Date	Ambient Temp	Report No
2/17/2006 07:01:00	38	2

Previous Report			
Date	Meter Factor	Flow Rate	Non Reset Totalizer
12/21/2005 07:01:00	0.9988	175	2210300

System	
APL Core to Cushing/Whiting System	
Location	Meter Description
Artesia Station	Empire ABO D-40 - 35080

State/Federal Name	
EMPIRE ABO UNIT	
BP Lease Number	State/Federal ID#
390300	0466810

Prover Data

Base Volume at 60deg. F and '0' psi.	Size O.D.	Wall	Calibration Date
2.633987	8.625	0.322	02/25/05

Flow Rate	Non Reset Totalizer
220	2258038

Meter Data

Serial No	Manufacturer	Model
35080	A.O.Smith	E3-S1

Pulses/bbl	Temp Comp	Size
8400	No	3

Run Data

Run No.	Sel.	Temperature		Pressure		Total Pulses Gross
		Prover	Meter	Prover	Meter	
1	✓	69	69.3	100	100	22190
2	✓	69	69.3	100	100	22190
3	✓	69	69.3	100	100	22189
4	✓	69	69.3	100	100	22186
5	✓	69	69.3	100	100	22185
6	✓	69	69.3	100	100	22185

CTS	Correction for Temperature on Steel
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CPS	Correction for Pressure on Steel
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CTPL	Combined Correction for Temperature and Pressure on Liquid
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Average	69	69.3	100	100	22187.5
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Liquid Data

Grade	Obsv Gravity	Obsv Temp	Api Gravity	Vapor Pressure	Oper Pressure
B WTI L/S	42.7	56	43.1		100

Field Calculations

CTS 1.0002	x	CPS 1.0001	x	CTPLp 0.99590	x	Prover Vol 2.633987	=	Corr Prover Vol 2.62398
Average Pulses 22187.5	/	Pulses/bbl 8400	=	Gross Meter Vol 2.64137	x	CTPLm 0.99574	=	Corr Meter Vol 2.63012
Corr Prover Vol 2.62398	/	Corr Meter Vol 2.63012	=	Meter Factor 0.9977				

Remarks

02/17/2006

Signature / Company Represented

George Bower

Cesar Perez

Date

2/17/06

wo # 74692

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Field Calculations

CTS	x	CPS		x	CTPLp		x	Prover Vol	=	Corr Prover Vol
1.0002		1.0001			0.99590			2.633987		2.62398
Average Pulses	/	Pulses/bbl	=	Gross Meter Vol				CTPLm	=	Corr Meter Vol
22187.5		8400		2.64137				0.99574		2.63012
Corr Prover Vol	/	Corr Meter Vol	=	Meter Factor						
2.62398		2.63012		0.9977						

Remarks

02/17/2006

Signature / Company Represented

George Bower		Date	2/17/06
Cesar Perez			

W# 74692