NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
http://emnrd.state.nm.us/ocd/District III/3district.htm

OIL CONS. DIV DIST. 3

MAY 12 2016

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 4/12/16 Operator BP API #30-0 3927475

Property Name WEBU Well No. 486A Location: Unit G Section 30 Township 31N Range 6W

Well Status(Shut-In or (Producing)) Initial PSI: Tubing 3 Intermediate ____ Casing 1 Bradenhead 3

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE Bradenhead BH	Bradenhead Int	Bradenhead Csg	INTERM Int	INTERM Csg
TIME					
5 min	3	0	1		
10 min	3	0	1		
15 min	3	0	1		
20 min	3	0	1		
25 min	3	0	1		
30 min	3	0	1		

FLOW CHARACTERISTICS	BRADENHEAD	INTERMEDIATE
Steady Flow	X	
Surges		
Down to Nothing		
Nothing		X
Gas		
Gas & Water		
Water		

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR_____ FRESH_____ SALTY_____ SULFUR_____ BLACK_____

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 3 INTERMEDIATE_____

REMARKS:
Blew from 3/4" valve. BH was continuous through test.

By _____ Witness _____

(Position)

E-mail address _____

3

API 30-039-27475
Bradenhead

Analysis Certificate

Analysis Requested: **GPA Standard 2261-13**

Client:	BP	Project #:	03143-0885
Site Name:	NEBU 486 A (BH)	Report Printed Form Date:	4/28/2016
Meter ID:	3003927475 (BH)	Date Reported:	4/28/2016
Sampled by:	Daniel Fuller	Date Sampled:	4/13/2016
Analyzed by:	Alana Yazzie	Date Received:	4/13/2016
Sample Pressure:	3 psi	Date Analyzed:	4/20/2016
Sample Temperature:	N/R	Analysis Time:	Standard

Components	Mol %	Wt %	GPM Total	(gal/ideal MCF)
Nitrogen	17.613	23.298		
Carbon Dioxide	9.372	19.476		
Methane	71.24	53.964		
Ethane	1.136	1.613	GPM C2+	0.5129
Propane	0.376	0.783	GPM C3+	0.2066
Iso-Butane	0.066	0.181		
N-Butane	0.092	0.252		
Iso-Pentane	0.026	0.089	GPM iC5+	0.049
N-Pentane	0.003	0.01		
Hexane Plus	0.076	0.334		
Totals	100.000	100.000		

GPA Standard 2172-09 Calculations

Compressibility Factor:	0.998		Base Pressure:	14.73 psi
Ideal Gas Relative Density:	0.732		Base Temperature:	60 F
Dry Molecular Weight:	21.178	g/mol		
Real Gas Dry BTU per ft3:	762.518	BTU/ft3		

ND = Parameter not detected at the stated detection limit.

N/R = Parameter not recorded

Reviewer

4/28/2016
Date

Comments: No comments

Note: The above analyses are performed in compliance with GPA Standard 2261-13 quality assurance procedures.

References: GPA Standard 2261-13 and GPA Standard 2172-09

API 30-039-27475
Production Casing

Analysis Certificate

Analysis Requested: **GPA Standard 2261-13**

Client:	BP	Project #:	03143-0884
Site Name:	NEBU 486 A (PC)	Report Printed Form Date:	4/28/2016
Meter ID:	3003927475 (PC)	Date Reported:	4/28/2016
Sampled by:	Daniel Fuller	Date Sampled:	4/13/2016
Analyzed by:	Alana Yazzie	Date Received:	4/13/2016
Sample Pressure:	3 psi	Date Analyzed:	4/20/2016
Sample Temperature:	N/R	Analysis Time:	Standard

Components	Mol %	Wt %	GPM Total	(gal/ideal MCF)
Nitrogen	1.423	2.007		
Carbon Dioxide	11.389	25.231		
Methane	85.115	68.735		
Ethane	1.339	2.027	GPM C2+	0.5966
Propane	0.438	0.972	GPM C3+	0.2356
Iso-Butane	0.077	0.225		
N-Butane	0.103	0.301		
Iso-Pentane	0.029	0.105	GPM iC5+	0.0533
N-Pentane	0.01	0.036		
Hexane Plus	0.077	0.361		
Totals	100.000	100.000		

GPA Standard 2172-09 Calculations

Compressibility Factor:	0.998		Base Pressure:	14.73 psi
Ideal Gas Relative Density:	0.687		Base Temperature:	60 F
Dry Molecular Weight:	19.866	g/mol		
Real Gas Dry BTU per ft3:	910.045	BTU/ft3		

ND = Parameter not detected at the stated detection limit.

N/R = Parameter not recorded

BGB 12K

Reviewer

4/28/2016

Date

Comments: No comments

Note: The above analyses are performed in compliance with GPA Standard 2261-13 quality assurance procedures.

References: GPA Standard 2261-13 and GPA Standard 2172-09