



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
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[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

OIL CONS. DIV DIST. 3

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

JAN 28 2016

Date of Test 11/30/15 Operator BP API #30-0 4523768

Property Name Jones A 45 Well No. 14 Location: Unit M Section 11 Township 28 Range 8

Well Status(Shut-In or Producing) Initial PSI: Tubing 9 Intermediate - Casing - Bradenhead 45

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	<u>0.5</u>		<u>9</u>		
10 min	<u>0.3</u>		<u>9</u>		
15 min	<u>0</u>		<u>9</u>		
20 min	<u>0</u>		<u>9</u>		
25 min	<u>0</u>		<u>9</u>		
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	☒
Nothing	
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 1 INTERMEDIATE _____

REMARKS:

Blew from 1" valve BH blew to a whisper in 40 sec.
Slim hole well used tubing in place of casing

By [Signature]

Witness _____

(Position)

E-mail address _____



API 30-045-23768
Bradenhead
Gas Analysis Certificate

GPA Standard 2261-13

Acquisition Method Name au_report_150_C6+
Last calibration date 9/28/2015 11:07:06 AM

Client:	BP	Project #:	03143-0880
Site Name:	Jones A LS 14	Meter ID:	3004523768 (BHD)
Sampled by:	Daniel F.	Date Sampled	08-31-15
Analyzed by:	Logan Richter	Date Received:	10-15-15
Sample Pressure:	47 psig	Date Analyzed:	10-16-15
Sample Temperature	N/R	Analysis Time:	Standard

Component Results (14.696)

Name	Qty (Norm) [Mol %]	Wt Percent (%)	GPM
Helium	0.000	0.000	0.000
Oxygen	0.101	0.166	0.009
Nitrogen	3.663	5.248	0.403
Carbon Dioxide	0.000	0.000	0.000
Methane	84.384	69.223	14.310
Ethane	5.785	8.895	1.548
Propane	3.485	7.857	0.960
i-Butane	0.816	2.425	0.267
n-Butane	0.926	2.751	0.292
i-Pentane	0.299	1.102	0.109
n-Pentane	0.210	0.774	0.076
C6+	0.332	1.559	0.145
	100.000	100.000	18.119

Calculations at Pressure Base 14.696

Compressibility (Z) (Dry Gas)	0.99715	C2+	3.397
Density (G) (Dry Gas)	0.67536	C3+	1.849
Component MW Total	19.56	C5+	0.330
Heating Value (Dry Ideal) Total BTU	1136.44	Heating Value (Sat Ideal) Total BTU	1116.61
Heating Value (Dry Real) Total BTU	1139.68	Heating Value (Sat Real) Total BTU	1119.68

[Signature]

11/6/2015

21.10.2015 14:31:52

1 of 1



Gas Analysis Certificate

GPA Standard 2261-13

Acquisition Method Name au_report_150_C6+
 Last calibration date 11/17/2015 7:56:54 PM

Client:	BP	Project #:	03143-0880
Site Name:	Jones A LS 14	Meter ID:	3004523768(CSG)
Sampled by:	D. Fuller	Date Sampled	12-17-15
Analyzed by:	Logan Richter	Date Received:	12-17-15
Sample Pressure:	80 psig	Date Analyzed:	12-17-15
Sample Temperature	°F	Analysis Time:	Standard

Component Results (14.696)

Name	Qty (Norm) [Mol %]	Wt Percent (%)	GPM
Helium	0.000	0.000	0.000
Oxygen	0.044	0.074	0.004
Nitrogen	0.354	0.517	0.039
Carbon Dioxide	0.581	1.331	0.099
Methane	87.708	73.286	14.875
Ethane	5.643	8.837	1.510
Propane	3.224	7.404	0.888
i-Butane	0.652	1.972	0.213
n-Butane	0.844	2.555	0.266
i-Pentane	0.305	1.148	0.112
n-Pentane	0.205	0.771	0.074
C6+	0.440	2.105	0.192
	100.000	100.000	18.273

Calculations at Pressure Base 14.696

Compressibility (Z) (Dry Gas)	0.99707	C2+	3.256
Density (G) (Dry Gas)	0.66310	C3+	1.746
Component MW Total	19.20	C5+	0.378
Heating Value (Dry Ideal) Total BTU	1158.55	Heating Value (Sat Ideal) Total BTU	1138.33
Heating Value (Dry Real) Total BTU	1161.96	Heating Value (Sat Real) Total BTU	1141.57

JAN 28 2016

Jones A LS #14

Sec 11, T28N, R8W

API: 30-045-23768

5917' GL

22 psi 70 psi

2009 Bradenhead test

est. TOC @ surface (filled up)

8-5/8" 24# J55 8rd @ 215'
150 sxs cmtHistory:

Completed in 3/80

Est. TOC @ 1050' (temp survey)

Pictured Cliffs Perforations

2461' - 2580'

frac'd w/ 81,000 #'s sand

2-7/8" 6.4# J55 @ 2616'

287 sacks cmt

PBTD: 2606'

updated: 4/6/01 jad

NOTES:

1. Tubingless completion
2. Csg pressure test and potential remedial cmt work planned in 11/93.
3. Cancelled planned test/workover in 12/93.
4. Richardson Op. Co. drilled offset FRT well 300' away in 6/91.

SCANNED 2018

JONES A LS 014
Location - 11M- 28N- 8W
SINGLE pc
Orig.Completion - 3/80
LAST FILE UPDATE - 9/93 BY CSW

BOT OF 8.625 IN OD CSA 215
24 LB/FT. J-55 CASING
TOC - surf

OJ AT 1500

FL AT 2165

PC AT 2437

PC
2468
2475
2482
2489
2496
2503
2510
2517
2524
2531
2538
2545
2552
2559
2566
2573
2580

PBTD AT 2606 FT.

TOTAL DEPTH 2616 FT.

BOT OF 2.875 IN OD CSA 2616
8.4 LB/FT. J-55 CASING
TOC - TS-1050

FILENAME:
04523768

TUBINGLESS COMPLETION