OCD Received 7/6/2020

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/3distric.htm

# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test 6/10/2020		Opera	Operator Hilcorp Energy Company					API # 3004506149				
Property Name B	BURROUGHS COM	W	ell No.	1	Location: Unit	Н	Section	36	Township 027N R	ange	W800	
Well Status Flowin	Ig	Initial PSI: T	Fubing	0	Intermediate	14	Casing	ç	Bradenhead	5.5		

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

		I	PRESSURE				FLOW CHAR	ACTERISTICS
Testing	В	RADENHEA	٨D	INTE	RM		BRADENHEAD	INTERMEDIATE
TIME	BH	Int	Csg	Int	Csg			
5 min	0	14	9	0	9	Steady Flo	w Y	
10 min	0.1	14	9	0	10	Surges		
15 min	0.1	14	9	0	10	Down to N	othing	Y
20 min	0.1	14	9			Nothing		
25 min	0.1	14	9			Gas		Y
30 min	0.1	14	9			Gas & Wa	ter	
						Water	Y	
f Braden	head flowe	ed water, cl	neck all of	the descrip	tions that	apply below:		
С	LEAR Y	FRES	н	SALTY	S	ULFUR	BLACK	
lf Interme	diate flow	ed water, c	heck all of	the descrip	otions that	t apply below:		
С	LEAR	FRES	Н	SALTY	S	ULFUR	BLACK	
5 MINUTE	E SHUT-IN	PRESSURI	E Brad	denhead	3	Intermed	liate 0	
REMARK	S:							

Water started flowing immediately after BH blewdown. 2 gallon first 5 minutes. 5 min intervals produced 1.75 gals each. Total 10.75 gallons in 30 min. Took water sample; 20% or more change in INT psi since last test

Tested By Rodger Lanier

Witness Ok'd to test per Monica K.

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/3distric.htm

# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test 11/5/2019 0			Operator Hilcorp Energy Company					API # <u>3004506149</u>				
Property Name	BURROUGHS COM		Well No.	1	Location: Unit	Н	Section	36	Towns	hip 027N Ra	ange	W800
Well Status Flowi	ng	Initial PSI	: Tubing	0	Intermediate	1	Casing		5 В	radenhead	7	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

- ··			PR	ESSURE				FLOW CHAR	ACTERISTICS
Testing		BRAD	DENHEAD		INTE	RM		BRADENHEAD	INTERMEDIATE
TIME	BH		Int	Csg	Int	Csg			
5 min	0		2	7	0	6	Steady Flo	W	
10 min	0		0	3	0	6	Surges		
15 min	0		0	4	0	2	Down to No	othing Y	Y
20 min			1	6	0	3	Nothing		
25 min			2	7	0	7	Gas		
30 min			1	5	0	7	Gas & Wat	ter	Y
							Water	Y	
f Braden	head flo	owed w	vater, cheo	k all of	the descrip	tions tl	hat apply below:		
С	LEAR	Y	FRESH		SALTY		SULFUR	BLACK	
f Interme	ediate fl	owed v	vater, che	ck all of	the descrip	otions t	hat apply below:		
С	LEAR	Y	FRESH		SALTY		SULFUR	BLACK	
5 MINUTE	E SHUT	IN PRI	ESSURE	Brad	denhead	6	Intermed	liate 1	

#### **REMARKS**:

No tubing Slim hole well.BH Flowed water entire test.BH made 13.5 gallons in the 30 minute test. Intermediate started dripping water after 11 minutes and dripped for 19 min.Intermediate made a pint in the 30 minute test.Got samples of BH and Intermediate.

Tested By Chris Abeyta

Witness Monica Kuehling

**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/3distric.htm

# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test 8/30/2019		Operator Hilcorp Energy Company						API # <u>3004506149</u>				
Property Name	BURROUGHS COM	Well N	٥	1	Location: Uni	t H	Section	36	Townsh	ip 027N Ra	inge	W800
Well Status Flowi	ing	Initial PSI: Tubi	ng	0	Intermediate	16.1	Casing		7 Bra	adenhead	7.2	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

			PRESSUR	Ξ			FLOW CHAR	ACTERISTICS
Testing		BRADENHE	٩D	INTE	RM		BRADENHEAD	INTERMEDIATE
TIME	BH	Int	Csg	Int	Csg			
5 min	0	7	7	0	6	Steady Flor	w Y	
10 min	0	7	7	0	6	Surges		
15 min	0	7	7	0	6	Down to No	othing	Y
20 min	0	6.5	6.5			Nothing		
25 min	0	6.5	6.5			Gas		Y
30 min	0	6	6.5			Gas & Wat	er	
						Water	Y	
	head flo	wed water, c Y FRES		the descrip SALTY		apply below:	BLACK	
If Interme	diate flo	wed water, c	heck all of	the descrip	otions that	apply below:		
С	LEAR	FRES	ы	SALTY	S	ULFUR	BLACK	
5 MINUTE	E SHUT-	N PRESSUR	<b>E</b> Bra	denhead	7	Intermed	iate 0	
	ç.							

REMARKS:

slim hole 2 7/8 open hole, bh flowed 13 gallons clear water over 30 min test, intermidiate blew down to nothing in less than 1 second. Water sample taken from bh gas sample taken from casing.

Tested By Jeff Kirks

Witness John Durham verbal

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# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test	9/11/2018	Opera	rator Hilcorp Energy Company					API # 3004506149				
Property Name	BURROUGHS COM	We	ell No.	1	Location: Unit	Н	Section	36	Township	027N Ra	nge	W800
Well Status Flow	ving	Initial PSI: T	ubing		Intermediate	13	Casing	1	0 Brad	enhead	7	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

			PRESSUR	E			FLOW CHAR	ACTERISTICS
Testing		BRADENHE	AD	INTE	RM		BRADENHEAD	INTERMEDIATE
TIME	BH	Int	Csg	Int	Csg			N
5 min	0	10	10	0	13	Steady Flo	w Y	Y
10 min	0	10	11	0	13	Surges		
15 min	0	10	12	0	13	Down to N	othing	
20 min	0	10	12	0	14	Nothing		
25 min	0	10	13	0	14	Gas		
30 min	0	10	13	0	14	Gas & Wa	ter	
l						Water	Y	Y
CI	EAR	Y FRES	SH	SALTY		at apply below: SULFUR	BLACK	
	EAR	FRES		SALTY		SULFUR	BLACK	
	SHUT-I	N PRESSUR		adenhead	7	Intermed		

REMARKS:

2 7/8 slim hole no tubing. bh flowed aprox. 1 gallon per min. clear water, intermidiate flowed aprox 1/4 gallon per min. when bh is opened intermidiate drops to 10 psi then goes right back to 13 when bh is closed. no communication w/ casing, samples taken

Tested By Jeff Kirks

Witness verbal permission from monica

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# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test	Operato	Operator Hilcorp Energy Company					API # 3004506149				
Property Name BURROUGHS COM		Well	No.	1	Location: Unit	Н	Section	36	Township 027N Ra	ange	W800
Well Status Flowi	ng	Initial PSI: Tub	ing	24	Intermediate	11	Casing	2	4 Bradenhead	6	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

- ··		I	PRESSUR	Ξ			FLOW CHAR	ACTERISTICS
Testing	В	RADENHEA	٩D	INTE	ERM		BRADENHEAD	INTERMEDIATE
TIME	BH	Int	Csg	Int	Csg			
5 min	0	8.2	24	0	25	Steady Flo	W	
10 min	0	8.1	24	0	25	Surges		
15 min	0	8.1	24	0	25	Down to N	othing	
20 min	0	8.1	24	0	25	Nothing		
25 min	0	8	24	0	25	Gas		
30 min	0	8	25	0	25	Gas & Wa	ter	
	•					Water	Y	Y
С	LEAR Y	FRES	6H	SALTY		hat apply below: SULFUR	BLACK	
it interme	ediate flow	ed water, c	neck all of	the descri	ptions t	hat apply below:		
С	LEAR Y	FRES	iΗ	SALTY		SULFUR	BLACK	
5 MINUTE	E SHUT-IN	PRESSURI	E Bra	denhead	5.8	Intermed	liate 10.5	

**REMARKS**:

BH flowed 4 gallons of water in 8 min through 1/2" fittings. Flowed total of 13 gals water during test. INT flowed 4 gals of water in 8 min through 1/2" fittings. Flowed total of 10 gals water during test.

Tested By shimle

Witness Jonathan Kelly

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/3distric.htm

# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test	4/24/2012	Оре	Operator Hilcorp Energy Company					API # 3004506149				
Property Name	BURROUGHS COM	V	Vell No.	1	Location: Unit	Н	Section	36	Town	nship 027N Ra	ange	W800
Well Status Flow	ving	Initial PSI:	Tubing	5	Intermediate		Casing	8	3	Bradenhead	0	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

<b>T</b> = = <b>f</b> = = =		PR	ESSURE				FLOW CHAR	ACTERISTICS
Testing	BF	RADENHEAD		INTE			BRADENHEAD	INTERMEDIATE
TIME	BH	Int	Csg	Int	Csg	Staady Fla		
5 min			8			Steady Flo	W	
10 min			8			Surges		
15 min			8			Down to N	othing	
13 11111			0			Nothing	Y	
20 min						-		
25 min						Gas		
30 min						Gas & Wat	ter	
30 11111						Water		
	nead flowe	<b>d water</b> , che FRESH	ck all of tl	h <b>e descri</b> p SALTY	otions th	at apply below:	BLACK	
lf Interme	diate flowe	ed water, che	ck all of t	he descrij	otions t	nat apply below:		
CI	EAR	FRESH		SALTY		SULFUR	BLACK	
5 MINUTE	SHUT-IN	PRESSURE	Brade	enhead	0	Intermed	liate	
REMARKS Verbal app		randon Powel	l to test wit	thout witne	SS.			

Tested By fitzgd

Witness Verbal approval by Brandon Powell

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/3distric.htm

# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test	of Test 5/3/2009 O			or Hilcorp Energy Company					API # 3004506149			
Property Name	BURROUGHS COM	Well	No. 1		Location: Unit	Н	Section	36	Том	vnship 027N Ra	inge	W800
Well Status Flow	ing	Initial PSI: Tubi	ing 10	0	Intermediate		Casing	1	0	Bradenhead	0	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing			RESSURI					ACTERISTICS
Ũ		RADENHEAD		INTE			BRADENHEAD	INTERMEDIATE
TIME	BH	Int	Csg	Int	Csg	Steady Flo	NA/	
5 min	0		10			-	, , , , , , , , , , , , , , , , , , ,	
10 min	0		10			Surges		
15 min	0		10			Down to N	othing	
20 min						Nothing	Y	
25 min						Gas		
						Gas & Wa	ter	
30 min						Water		
С	LEAR	FRESH	l	SALTY		nat apply below: SULFUR hat apply below:	BLACK	
С	LEAR	FRESH	[ 	SALTY		SULFUR	BLACK	
5 MINUTE	E SHUT-IN	PRESSURE	Bra	denhead	0	Intermed	diate	
REMARK								

Tested By nichon

Witness

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/3distric.htm

# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test	7/19/2006	Operator Hilcorp Energy Company			API # 3004506149							
Property Name	BURROUGHS COM	W	/ell No.	1	Location: Unit	Н	Section	36	Townshi	p 027N Ra	ange	W800
Well Status Shut	t-in	Initial PSI:	Tubing	0	Intermediate		Casing	3	0 Bra	denhead	0	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing			ESSURE			FLOW CHAR	ACTERISTICS
Testing		RADENHEAD		TERM		BRADENHEAD	INTERMEDIATE
TIME	BH	Int	Csg Int	Csg	Steady Flo	W/	
5 min			30				
10 min			0		Surges		
15 min			0		Down to N	lothing	
20 min			0		Nothing	Y	
25 min			0		Gas	Y	
30 min			0		Gas & Wa	ater	
50 mm			Ŭ		Water		
lf Braden	head flowe	ed water, cheo	ck all of the desc	riptions	that apply below:		
C	LEAR	FRESH	SALTY		SULFUR	BLACK	
If Interme	diate flow	ed water, che	ck all of the desc	riptions	that apply below:		
C	LEAR	FRESH	SALTY		SULFUR	BLACK	
5 MINUTE	E SHUT-IN	PRESSURE	Bradenhead	0	Interme	diate 0	
REMARK	S:						

Tested By MIKE GOULD

Witness Kelly Roberts

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/3distric.htm

# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test	9/9/2003	Ор	Operator Hilcorp Energy Company				API # 3004506149					
Property Name	BURROUGHS COM		Well No.	1	Location: Unit	Н	Section	36	Tow	nship 027N Ra	ange	W800
Well Status Flow	ing	Initial PSI	: Tubing	0	Intermediate		Casing		8	Bradenhead	0	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing		Р	RESSUR			FLOW CHARACTERISTICS					
Testing		RADENHEA		INTE			BRADENHEAD	INTERMEDIATE			
TIME	BH	Int	Csg	Int	Csg	Steady Flo	W/				
5 min			8			-					
10 min			8			Surges					
15 min			0			Down to N	othing				
20 min			0			Nothing	Y				
25 min			0			Gas	Y				
						Gas & Wa	ter				
30 min			0			Water					
					otions	hat apply below:					
C	LEAR	FRESH	1	SALTY		SULFUR	BLACK				
If Interme	diate flowe	ed water, ch	eck all of	the descri	otions	that apply below:					
C	LEAR	FRESH	Η	SALTY		SULFUR	BLACK				
5 MINUTE	SHUT-IN	PRESSURE	Bra	denhead	0	Intermed	liate 0				
REMARKS This well i low.		with a com	pressor. T	hats why the	e cassir	ng pressure is so					

Tested By MIKE GOULD

Witness

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/3distric.htm

# **BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test	9/4/2000	Operator Hilcorp Energy C			ergy Company	API # 3004506149						
Property Name	BURROUGHS COM		Well No.	1	Location: Unit	Н	Section	36	Tow	nship 027N Ra	inge	W800
Well Status Flow	ing	Initial PSI	: Tubing	0	Intermediate		Casing	1	7	Bradenhead	0	

#### OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing			SSURE				ACTERISTICS
-		RADENHEAD		ERM		BRADENHEAD	INTERMEDIATE
TIME	BH	Int	Csg Int	Csg	Steady Flo	2004	
5 min			17				
10 min			0		Surges		
15 min			0		Down to N	lothing	
20 min			0		Nothing	Y	
					Gas		
25 min			0		Gas & Wa	iter Y	
30 min			0		-		
lf Bradon	head flowe	d water check	all of the descr	intions t	Water		
	LEAR	FRESH	SALTY		SULFUR	BLACK	
lf Interme	diate flowe	ed water, check	k all of the descr	intions	that apply below:		
	LEAR	FRESH	SALTY	iptione	SULFUR	BLACK	
5 MINUTE	E SHUT-IN	PRESSURE	Bradenhead	0	Intermed	diate 0	
REMARK	S:						

Tested By MIKE GOULD

Witness Bruce Martin