

06/23/98

11:46

4-23 98 09:40 FROM: TEFTELLER INC

9156947602

TO: 15053279834

NO. 013 002

PAGE: 02

Company: PENN DRAGON ENERGY PARTNERS

Well: CHACO #1-J

[Saturday: June 20, 1998]

Field: PICTURED CLIFFS FORMATION

Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (psia)
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ARRIVE ON LOCATION. COMPRESSOR UNLOADING WELL.
INSTRUMENT @ 1180'.
COMPRESSOR DOWN AND WELL SHUT-IN.
BEGIN BUILDUP.

1	0	8:30: 0	0.0000	64.00
2	0	8:45: 0	0.2500	64.00
3	0	8:49:48	0.3300	71.00
4	0	8:55:12	0.4200	78.00
5	0	9: 0: 0	0.5000	85.00
6	0	9: 4:48	0.5800	92.00
7	0	9:10:12	0.6700	99.00
8	0	9:15: 0	0.7500	105.00
9	0	9:19:48	0.8300	111.00
10	0	9:25:12	0.9200	118.00
11	0	9:30: 0	1.0000	122.00
12	0	9:34:48	1.0800	125.00
13	0	9:40:12	1.1700	129.00
14	0	9:45: 0	1.2500	132.00
15	0	9:49:48	1.3300	136.00
16	0	9:55:12	1.4200	139.00
17	0	10: 0: 0	1.5000	142.00
18	0	10: 4:48	1.5800	145.00
19	0	10:10:12	1.6700	147.00
20	0	10:15: 0	1.7500	148.00
21	0	10:19:48	1.8300	149.00
22	0	10:25:12	1.9200	150.00
23	0	10:30: 0	2.0000	152.00
24	0	10:45: 0	2.2500	153.00
25	0	11: 0: 0	2.5000	154.00
26	0	11:30: 0	3.0000	155.00
27	0	12:30: 0	4.0000	156.00
28	0	16:30: 0	8.0000	157.00
29	0	20:30: 0	12.0000	159.00

[Sunday: June 21, 1998]

30	1	2:30: 0	18.0000	159.00
31	1	8:30: 0	24.0000	158.00
32	1	20:30: 0	36.0000	158.00

[Monday: June 22, 1998]

33	2	8:30: 0	48.0000	158.00
34	2	20:30: 0	60.0000	159.00

INSTRUMENT OFF BOTTOM.
END BUILDUP.

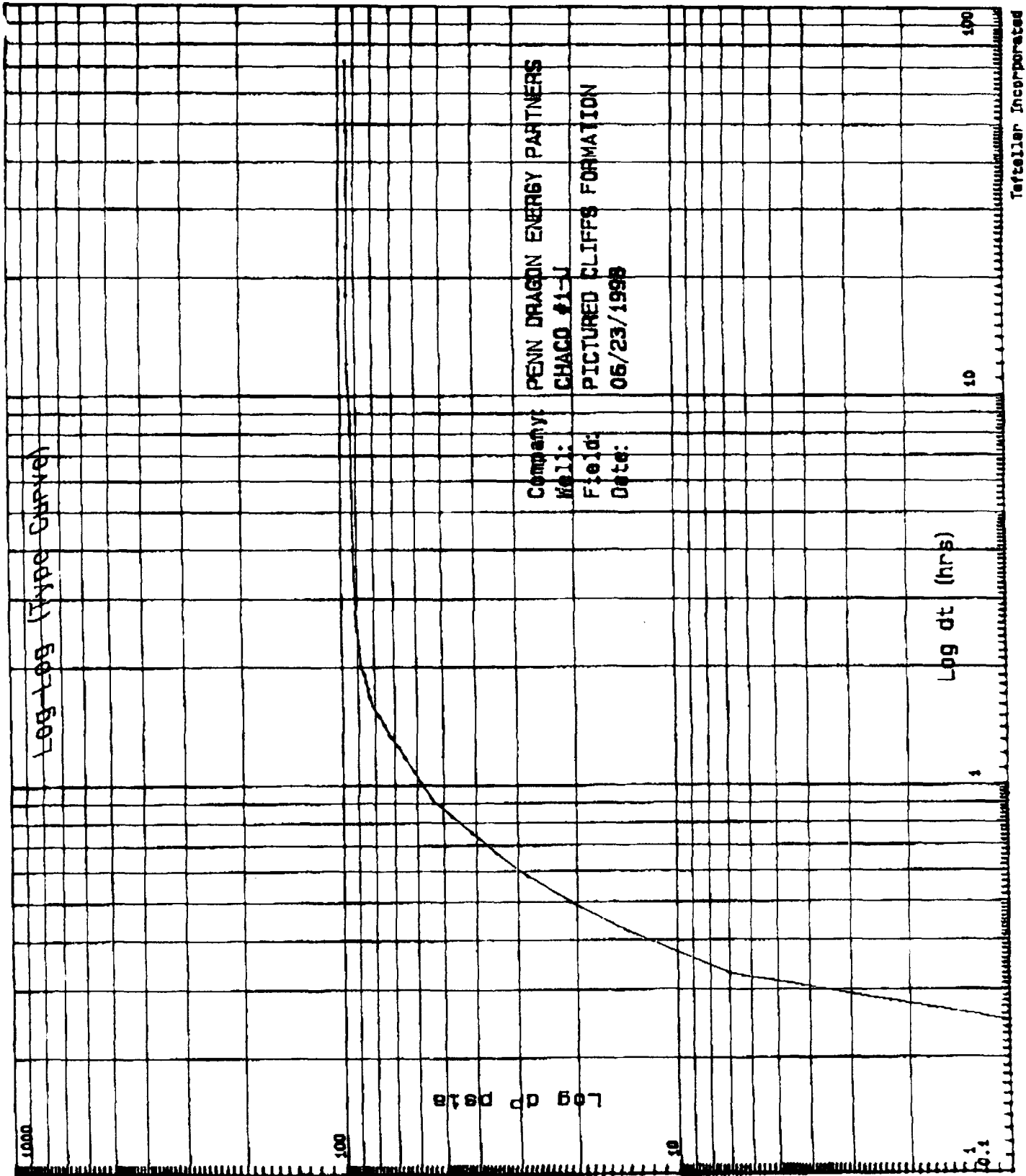
[Tuesday: June 23, 1998]

35	3	8:30: 0	72.0000	159.00
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[Tefteller Incorporated]

NMOCD CASE #11996
PENDRAGON ENERGY
EXHIBIT

N-16



Company: PENN DRAGON ENERGY PARTNERS
 Well: CHACO #2-J
 Field: PICTURED CLIFFS FORMATION

[Wednesday: July 15, 1998]
 Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (psia)
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ARRIVE ON LOCATION. WELL UNLOADING W/ COMPRESSOR
 @ 07:30. COMPRESSOR SHUT DOWN @ 08:00.

1	0	8: 0: 0	0.0000	106.00
INSTRUMENT @ 1160' @ 08:15.				
2	0	8:15: 0	0.2500	106.00
3	0	8:30: 0	0.5000	109.00
4	0	8:45: 0	0.7500	111.00
5	0	9: 0: 0	1.0000	114.00
6	0	9:15: 0	1.2500	117.00
7	0	9:30: 0	1.5000	120.00
8	0	9:45: 0	1.7500	122.00
9	0	10: 0: 0	2.0000	123.00
10	0	10:30: 0	2.5000	126.00
11	0	11: 0: 0	3.0000	129.00
12	0	12: 0: 0	4.0000	132.00
13	0	13: 0: 0	5.0000	136.00
14	0	14: 0: 0	6.0000	139.00
15	0	16: 0: 0	8.0000	146.00
16	0	18: 0: 0	10.0000	150.00
17	0	20: 0: 0	12.0000	153.00
18	0	22: 0: 0	14.0000	155.00

[Thursday: July 16, 1998]

19	1	0: 0: 0	16.0000	157.00
20	1	4: 0: 0	20.0000	160.00
21	1	8: 0: 0	24.0000	164.00
22	1	12: 0: 0	28.0000	166.00
23	1	16: 0: 0	32.0000	169.00
24	1	20: 0: 0	36.0000	171.00

[Friday: July 17, 1998]

25	2	0: 0: 0	40.0000	173.00
26	2	4: 0: 0	44.0000	174.00
27	2	8: 0: 0	48.0000	175.00
28	2	12: 0: 0	52.0000	175.00
29	2	16: 0: 0	56.0000	176.00
30	2	20: 0: 0	60.0000	177.00

[Saturday: July 18, 1998]

31	3	0: 0: 0	64.0000	177.00
32	3	4: 0: 0	68.0000	178.00
INSTRUMENT OFF BOTTOM. END BUILD-UP.				
33	3	8: 0: 0	72.0000	178.00

[Tef teller Incorporated]

CHACO #5

	Tubing	Casing		
<u>5/11/98</u>				
10:30	62.5	82.3	-	Flowing
10:45	91.8	91.8		Close well in
11:00	92.2	92.2		
11:15	92.7	92.7		
11:30	92.8	92.8		
12:30	93.3	93.3		
13:30	93.8	93.8		
14:30	94.1	94.1		
<u>5/12/98</u>				
14:30	95.0	95.0		
<u>5/13/98</u>				
14:30	95.2	95.2		
<u>5/14/98</u>				
14:30	95.3	95.3		

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping7415 East Main
Farmington, New Mexico 8740
(505) 327-4892

PENDRAGON ENERGY PARTNERS

CHACO #1

DEAD WEIGHT TEST

6/15/88	TIME	TUBING	CASING
	10:50	49.5	65.3
	11:05	73.4	73.2
	11:20	75.0	75.2
	11:35	76.3	76.3
	11:50	77.5	77.5
	12:05	78.2	78.2
	12:20	79.0	79.0
	12:35	79.2	79.2
	12:50	79.6	79.6
	13:50	80.7	80.7
	14:50	81.8	81.8
	15:50	82.6	82.6
	16:50	83.1	83.1
6/16/98	16:50	87.1	87.1
6/17/98	16:50	88.1	88.1
6/18/98	16:50	88.6	88.6

CHACO #1

Chaco #1				
SI Pressure				
Date	Time	Delta Tim	Casing Pressure Psig	Tubing Pressure Psig
6/30/98	1105	0	62	16
	1205	1	84	83
	1305	2	86	86
	1405	3	89	88
7/1/98		24	94	94
7/2/98		48	93	93
7/3/98		72	96	93
7/6/98		144	96	96
7/7/98		168	97	96
7/8/98		192	97	96
7/9/98		216	97	96
7/10/98		240	97	96
7/13/98		312	97	96
7/14/98		336	98	97
7/15/98		360	98	97
7/16/98		384	98	97
7/17/98		408	98	98
7/20/98		480	98	98
7/21/98		504	98	97

CHACO #1J

Chaco #1J				
SI Pressures				
Date	Time	Delta Tim	Casing	Tubing
			Pressure	Pressure
			Psig	Psig
6/30/98	1050	0	156	51
	1150	1	156	52
	1250	2	155	50
	1350	3	155	50
7/1/98		24	156	54
7/2/98		48	156	56
7/3/98		72	156	57
7/6/98		144	156	62
7/7/98		168	156	64
7/8/98		192	156	66
7/9/98		216	156	67
7/10/98		240	156	68
7/13/98		312	156	70
7/14/98		336	156	70
7/15/98		350	156	70
7/16/98		374	157	73
7/17/98		398	157	57
7/20/98		470	156	66
7/21/98		494	157	58

CHACO #2J

Chaco #2J				
SI Pressures				
	Time	Delta Tim	Casing	Tubing
			Pressure	Pressure
			Psig	Psig
Date				
6/30/98	1045	0	100	55
	1145	1	100	55
	1245	2	100	55
	1345	3	100	55
7/1/98		24	101	60
7/2/98		48	101	62
7/3/98		72	101	63
7/6/98		144	101	75
7/7/98		168	101	80
7/8/98		192	101	82
7/9/98		216	102	94
7/10/98		240	102	107
7/13/98		312	102	107
7/14/98		336	102	108
7/15/98		350	106	108
7/16/98		374	107	177
7/17/98		398	103	183
7/20/98		470	103	188
7/21/98		494	103	188

CHACO #2R

Chaco #2R				
SI Pressures				
Date	Time	Delta Tim	Casing	Tubing
			Pressure	Pressure
			Psig	Psig
6/30/98	1100	0	53	0
	1200	1	59	58
	1300	2	59	59
	1400	3	59	59
7/1/98		24	62	62
7/2/98		48	62	62
7/3/98		72	62	62
7/6/98		144	64	64
7/7/98		168	64	64
7/8/98		192	64	64
7/9/98		216	65	64
7/10/98		240	65	65
7/13/98		312	66	66
7/14/98		336	66	66
7/15/98		360	67	67
7/16/98		384	67	67
7/17/98		408	68	68
7/20/98		480	69	69
7/21/98		504	68	68

CHACO #4

Chaco #4				
SI Pressures				
Date	Time	Delta TIm	Casing Pressure Psig	Tubing Pressure Psig
6/30/98	1055	0	83	47
	1155	1	80	79
	1255	2	80	80
	1355	3	81	81
7/1/98		24	82	82
7/2/98		48	83	82
7/3/98		72	83	82
7/6/98		144	83	83
7/7/98		168	83	83
7/8/98		192	83	83
7/9/98		216	83	83
7/10/98		240	83	83
7/13/98		312	83	83
7/14/98		336	83	84
7/15/98		360	88	88
7/16/98		384	88	88
7/17/98		408	88	88
7/20/98		480	84	85
7/21/98		504	83	84

CHACO #5

Chaco #5				
SI Pressures				
Date	Time	Delta Tim	Casing	Tubing
			Pressure	Pressure
			Psig	Psig
6/30/98	1040	0	93	57
	1140	1	99	98
	1240	2	100	98
	1340	3	100	99
7/1/98		24	100	100
7/2/98		48	101	100
7/3/98		72	101	100
7/6/98		144	101	100
7/7/98		168	101	100
7/8/98		192	101	100
7/9/98		216	101	100
7/10/98		240	101	100
7/13/98		312	101	100
7/14/98		336	100	100
7/15/98		360	101	101
7/16/98		384	101	101
7/17/98		408	101	101
7/20/98		4432	101	100
7/21/98		456	100	100

WALSH ENGINEERING & PRODUCTION

WELL REPORT

DATE: _____ 1997

OPERATOR: _____

WELL NAME: Gallegos Fed 26-12-6 #2

CO-EFF: _____

RANGE: _____

SPRING: _____

PLATE: _____

HRS ON _____ OFF _____

DATE	PRESSURE			METER			REMARKS
	LINE	TUBING	CASING	DIFF.	STAT.	MCF	
1							
2							
3							
4							
5							
6							
7							
8							
9	63					803	
10	64					807	
11	64					809	
12	61					812	
13	53					821	
14	44					860	
15	42		82			837	
16	41		36	33		880	10 107 1391
17	63		22	5.0		818	10 86 1425
18	63					878	
19	60					833	
20	58		8			843	
21	49		9			837	
22	44					801	
23			76				
24							
25							
26							
27							
28							
29							
30							
31							

WALSH ENGINEERING & PRODUCTION

WELL REPORT

DATE: _____ 1997

OPERATOR: _____

WELL NAME: Gallegos Fed 26-12-7 #1

CO-EFF: _____

RANGE: _____

SPRING: _____

PLATE: _____

HRS ON OFF

DATE	PRESSURE			METER			REMARKS
	LINE	TUBING	CASING	DIFF.	STAT.	MCF	
1							
2							
3							
4							
5							
6							
7							
8							
9	63					673	
10	64					690	
11	64					694	
12	37					615	
13	31					670	
14	64		74			131	
15	68		77	20		308	
16	60		61	6		306	14 99 1274
17	61					201	Comp down
18	39					743	
19	38					753	
20	67		6			733	
21	67		8			714	
22	72		7			138	
23			12				
24							
25							
26							
27							
28							
29							
30							
31							

WALSH ENGINEERING & PRODUCTION

WELL REPORT

DATE: _____ 1997

OPERATOR: _____

WELL NAME: Gallegos Fed 26-13-1 #1CO-EFF: 14.3
RANGE: _____
SPRING: 100
PLATE: 1.15
HRS ON OFF

PRESSURE

METER

DATE	LINE	TUBING	CASING	DIFF.	STAT.	MCF	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15			90	2.4	9.8		
16			83	2.8	9.6	384	
17			80	2.8	9.6	384	
18				2.8	9.6	350	
19				2.7	9.8	367	
20			73	3.2	9.0	412	
21			70	3.2	9.0	412	
22			82	2.8	9.5	380	
23			94	1.7	10.0	2.43	
24							
25							
26							
27							
28							
29							
30							
31							

WALSH ENGINEERING & PRODUCTION

WELL REPORT

DATE: _____ 1997

OPERATOR: _____

WELL NAME: Ballegas Fnd 26-13-1²
 CO-EFF: 6.3
 RANGE: _____
 SPRING: _____
 PLATE: 1.00
 HRS ON _____ OFF _____

DATE	PRESSURE			METER			REMARKS
	LINE	TUBING	CASING	DIFF.	STAT.	MCF	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15			45	2.5	9.8	154	
16			80	3.2	9.5	192	
17			74	3.2	9.5	192	
18				3.8	9.7	177	
19				3.0	9.4	178	
20			105	3.6	8.8	200	
21			29	3.7	8.8	205	
22			78	3.0	9.4	178	
23			87	2.0	10.0	126	
24							
25							
26							
27							
28							
29							
30							
31							

WALSH ENGINEERING & PRODUCTION

WELL REPORT

DATE: _____ 1997

OPERATOR: _____

WELL NAME: Gallegos Fed 26-13-12th

CO-EFF: _____

RANGE: _____

SPRING: _____

PLATE: _____

HRS ON _____ OFF _____

PRESSURE

METER

DATE	LINE	TUBING	CASING	DIFF.	STAT.	MCF	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9	63					5916	
10	67					469	
11	61					369	
12	58					302	
13	51					469	
14	51					19	Comp dot Rising
15	70		91			298	
16	68		71	6		358	
17	61		62	1.3		406	
18	60					426	
19	58					435	
20	56		56			683	
21	86		2			357	Comp running
22	81		76			89	
23			76				
24							
25							
26							
27							
28							
29							
30							
31							

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.....

.....

7-14-98
Was
EP shut
in day

CHALO WELLS PRESSURES

UPDATE 7/24/98

VERBAL FROM MIKE WAGGONER

ADN 7/24

TUBING/CASING
PSI

DATE	CHALO 1	CHALO 15	CHALO 25	CHALO 2R	CHALO 4	CHALO 5
7/22	97/98	61/156	190/103	69/69	84/84	100/101
7/23	98/99	65/156	191/103	69/69	90/90	104/102
7/24	98/99	68/157	192/103	69/69	91/92	103/103

CHACO AREA WELL PRESSURES - 1998													
(partial)													
DATE	CHACO 1 SIP	CHACO1	CHACO 2R SIP	CHACO 2R	GALLEGOS FED. 7-1	G.F. 7-1	CHACO 4 SIP	CHACO 4	GALLEGOS FED. 12-1	G.F. 12-1	CHACO 5 SIP	CHACO 5	GALLEGOS FED. 6-2
	(surface)	CORR. TO	(surface)	CORR. TO	FLOWING C.P. (sur)	PROD. 24hr	(surface)	CORR. TO	FLOWING C.P. (sur)	PROD. 24hr	(surface)	CORR. TO	FLOWING C.P. (sur)
		DEADWEIGHT		DEADWEIGHT				DEADWEIGHT				DEADWEIGHT	
		TESTER		TESTER				TESTER				TESTER	
5/14/98											95	N/A	
7/15/98	98	90.5	67	59.5	74	308	88	80.5	91	298	101	93.5	82
													437
7/16/98	98	90.5	67	59.5	17	506	88	80.5	71	358	101	93.5	36
													880
7/17/98	98	90.5	68	60.5	61	701	88	80.5	62	401	101	93.5	22
													916
7/21/98	98	90.5	68	60.5	8	724	84	76.5	2	357	100	92.5	6
													837
7/22/98	98	90.5	69	61.5	9	158	84	76.5	76	89	101	93.5	7
													201
7/23/98	99	91.5	69	61.5	72	unk	90	82.5	76	unk	102	94.5	76
													unk
7/24/98	99	91.5	69	61.5			92	84.5			103	95.5	

