CONOCO WITNESSES (Continued):	
BRUCE H WILEY (Geologist)	
Direct Examination by Mr. Carr	c
Crocc-Evamination by Mr. Call	10
Cross-Examination by Mr. Reflatin Endinget Evanination by Mr. Carr	10
Redirect Examination by Mr. Call Degrees-Eveningtion by Mr. Vollabin	1.4
Recross-Examination by Mr. Reflanin	12
Examination by Examiner Stögner	12
ROBERT J. LOWE (Engineer)	
Direct Examination by Mr. Carr P9 , RC	F 12
Cross-Examination by Mr. Kellahin 2.8	13
Examination by Examiner Stogner	14
Further Examination by Mr. Kellahin	15
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CHEVRON WITNESSES:	
MIN D. DENNY (Caplogist)	
<u>TIM R. DENN:</u> (Geologist)	1.5
Direct Examination by Mr. Call	10
Cross-Examination by Mr. Reflamin	10
Examination by Examiner Stogner	1 /
<u>ABEL LOVATO</u> (Engineer;	
Direct Examination by Mr. Carr	18
Cross-Examination by Mr. Kellanin	19
Examination by Examiner Stogner	20
CLOSING STATEMENTS	
By Mr. Carr	20
By Mr. Kellahin	20
REPORTER'S CERTIFICATE	21
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BE	FORE TH
OIL CONSER	Exhibit
Case No. 12587	
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STEVEN T. BRENNER, CCR (505) 989-9317

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1	Stogner?
2	A. Yes, I am.
3	MR. CARR: Mr. Stogner, we tender Mr. Lowe as an
4	expert witness in reservoir engineering.
5	EXAMINER STOGNER: Any objection?
6	MR. KELLAHIN: No, sir.
7	EXAMINER STOGNER: Sc qualified.
8	Q. (By Mr. Carr) Mr. Lowe, you've prepared exhibits
9	for presentation today, have you not?
10	A. Yes, I have.
11	Q. Let's refer to what has been marked as Conoco
12	Exhibit Number 3. Would you identify this and review the
13	information on the exhibit for Mr. Stogner?
14	A. Certainly, it's is a production plot of oil,
15	water and gas. And what I'll describe to you is, on the X
16	axis, is the time line in years. The curves represented
17	here in a solid bold with filled circles is the hydrocarbon
18	liquid or oil. The dashed lines with stars is the gas
19	production. And the thin line with open diamonds is the
20	water production. I also have on here a dashed line with
21	triangles representing the GOR of this well here.
22	What you see, obviously, is the completion in
23	August of 1999, in the Tubb. We see here in December where
24	the well was fracture-stimulated and saw significant
25	increases in gas production. Along with that came some

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130 water, but it quickly dropped off, as well as the oil. 1 2 However, this production, coming from Dwight's PI and 3 updated from the website of the OCD production through November, shows a fairly consistent decline of gas, an 4 5 effective decline of 16 percent with a nominal decline of 6 about 17. 7 Using this and using an economic limit of 50 MCF per day, which is fivefold higher than what was presented (<u>8</u> g beforehand, shows a recoverable reserves of 2.3 ECF of gas. Let's go to what has been marked Exhibit Number 10 Ο. 11 4, the plot, and I ask you to review this information. 12 Okay. I did not know what the original pressure Α. was in this particular well, and so using some of the 13 knowledge base of Conoco in their production in the Tubb 14 15 formation, I presented three possible scenarios of what the 15 initial pressure might be. What we show here on this graph, at the very 17 18 bottom, is the estimated ultimate recovery. On the lefthand side is a computed drainage radius. 19 20 And you'll see three lines on the graph. The blue line represents an initial pressure of 2462, and that 21 was computed from a pressure gradient that is typically 22 seen in the Tubb, which is 0.385 p.s.i. per foot. 23 I then looked at it from the standpoint of 24 25 possible depletion that may have occurred. Referencing

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