

# Campbell Trial Law, LLC

May 24, 2011

Paul Baca, CCR #112  
Paul Baca Court Reporters  
500 4<sup>th</sup> Street, N.W., Suite 105  
Albuquerque, N.M. 87102

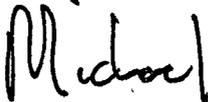
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**Re: NMOCD Case No. 14613 and 14647**

Dear Mr. Baca:

Enclosed is the Final Exhibit List and a copy the Exhibits presented by Burnett Oil Co., Inc. and Hudson Oil Company of Texas at the Hearing in this matter on May 16-17, 2011.

Very truly yours,



Michael Campbell

Encs.

Ocean Muñds-Dry, Esq. – w/encs.  
John Cooney/Ear DeBrine, Esqs. – w/encs.  
David Brooks, Esq. – w/encs.

**Campbell Trial Law, LLC**

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**STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY, MINERALS AND  
NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC FOR  
SPECIAL RULES AND REGULATIONS FOR THE  
ARTESIA GLORIETA-YESO POOL *ET AL.*, AND  
CANCELLATION OF OVERPRODUCTION, LEA  
AND EDDY COUNTIES, NEW MEXICO**

**Case No. 14613**

**And**

**CONSOLIDATED**

**APPLICATION OF BURNETT OIL CO., INC. AND  
HUDSON OIL COMPANY OF TEXAS FOR  
CONSOLIDATION AND EXPANSION OF AND  
ADOPTION OF SPECIAL POOL RULES FOR  
CERTAIN YESO POOLS, INCLUDING CEDAR  
LAKE GLORIETA-YESO POOL *ET AL.* IN  
LEA AND EDDY COUNTIES, NEW MEXICO**

**Case No. 14647**

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**BURNETT/HUDSON'S REVISED EXHIBIT LIST  
(Exhibits Submitted During May 16-17, 2011 Hearing)**

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1. Northwest Shelf Area Yeso Fairway
2. Northwest Shelf Area Yeso Fairway
3. Current Operator Map – Yeso Wells – as of 1/1/2011
4. Regional Index Map Designated Pool Names, For Pools Containing Yeso Producing Zones
5. Stratigraphic Chart
6. Yeso/Clearfork Production Trends - Permian Basin
7. Shelf to Slope – Schematic Section
8. Type Log, Yeso Formation/Glorieta Formation

9. Yeso Structure Map with Pools and Well Spots
10. Stratigraphic Cross Section – Regional Upper Yeso Cross-Section A-A'
11. Northwest Shelf Area Yeso Fairway Vintage Operator Map 1990 - 2000
12. Northwest Shelf Area Yeso Fairway Vintage Operator Map 2001 - 2005
13. Northwest Shelf Area Yeso Fairway Vintage Operator Map 2006 - 2008
14. Northwest Shelf Area Yeso Fairway Vintage Operator Map 2009 - 1/1/2011
15. Northwest Shelf Yeso Area Fairway, Current Operator Map
16. Yeso Cores, Taken Since 1995
17. Burnett Log Analysis Example, Yeso Formation
18. Burnett/COG Completion Comparison
19. Six-Month Production & GOR Comparison
20. Cross Section X – X'
21. Drainage Calculation Method
23. Water Saturation (SW) & Net Pay Calculation Methods
24. Drainage Area Pie Charts – Blinebry Wells
25. Drainage Area Tabular Data – Blinebry Wells
- 25(A) Log Analysis Example – Blinebry Member
26. Drainage Area Pie Charts – Paddock Wells
27. Drainage Area Tabular Data – Paddock Wells (1 of 2)
28. Drainage Area Tabular Data – Paddock Wells (2 of 2)
- 28(A) Log Analysis Example – Paddock Member
- 28(B) Calculated Blinebry Pay Comparison – Burnett vs. COG
- 28(C) Calculated Paddock Pay Comparison – Burnett vs. COG
- 28(D) Density Porosity Calculation
- 28(E) Density Porosity Comparison
- 28(F) Heterogeneous Reservoir

- 28(G) Drainage Areas vs. Phi H
- 28(H) Burnett Analysis of COG EUR'S
- 28(I) EUR Comparison (MBO)
- 31. Production Decline Chart – COG Wells - Section 20C-T17S-R30E
- 32. GOR vs Cum Oil Graph – COG Wells – 17S 30E 20C
- 33. Production Decline Chart – COG Wells – Section 20D-T17S-R30E
- 34. GOR vs Cum Oil Graph – COG Wells – 17S 30E 20D
- 35. Production Decline Chart – COG Wells – Section 20F-T17S-R30E
- 36. GOR vs Cum Oil Graph – COG Wells – 17S 30E 20F
- 41. Production Decline Chart – COG Wells – Section 19A-T17S-R32E
- 41(A) Initial 12 Month Cumulative Oil Production vs. PhiH
- 41(B) Caddo Federal 10 Acre Development, 17S 30E Sec 17B
- 41(C) 17S 30E Sec 15'G', Yeso Production, Dale H Parke Lease
- 41(D) 17S 29E Sec 20'0', Yeso Production, State 20B Lease
- 41(E) MC Federal 10 Acre Development, 17S 32E Sec 21
- 41(F) Loco Hills; Glorieta Yeso Pool
- 42. GOR - Yeso Producers; Color-Coded by GOR
- 43. Allowable Calculation Method
- 44. Overproduction Calculation Method
- 50. Surface Use with 10-Acre Development Pattern
- 51. Surface Use with 20-Acre Development Pattern
- 52. Publication Affidavit from The Lovington Leader
- 53. Publication Affidavit from Carlsbad Current-Argus
- 54. Direct Evidence of 10-Acre Interference

RESPECTFULLY SUBMITTED,

Campbell Trial Law LLC



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**Attorneys for Burnett Oil Co., Inc.  
and Hudson Oil Company of Texas**

**CERTIFICATE OF SERVICE**

I certify that on May 10, 2011, I served a copy of this pleading to the following persons by e-mail:

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Michael Campbell