



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Betty Rivera**  
Cabinet Secretary

February 19, 2002

**Lori Wrotenbery**  
Director  
Oil Conservation Division

**Synergy Operating, LLC**  
**(Agent for Bois d'Arc Offshore, Ltd.)**  
**P. O. Box 5513**  
**Farmington, New Mexico 87499**  
**Attention: Thomas E. Mullins**  
**Engineering Manager**  
***mullinst@cyberport.com***

**Telefax No. (505) 325-6585**

## ***AMENDED Administrative Order NSL-4648***

Dear Mr. Mullins:

Reference is made to the following: (i) your initial application for amendment to Division Administrative Order NSL-4648, dated September 28, 2001, on behalf of the operator, Bois d'Arc Offshore, Ltd., submitted to the New Mexico Oil Conservation Division ("Division") on December 18, 2001 (*application reference No. pKRV0-136544894*); (ii) your e-mail correspondence of January 4, 2002 to Mr. Michael E. Stogner, Division Engineer/Chief Hearing Officer in Santa Fe concerning this December 18, 2001 application; (iii) your second request for additional amendments to this order by letter dated January 11, 2002; (iv) your telephone conversation with Mr. Stogner on Thursday, February 7, 2002, and (v) the Division's records in Aztec and Santa Fe, including the file on Division Administrative Order NSL-4648.

Division Administrative Order NSL-4648, authorized Bois d'Arc Offshore, Ltd. to drill its Bois d'Arc Encino "15" Well No. 1 (**API No. 30-031-21008**), in a conventional manner at an unorthodox gas well location 250 feet from the North line and 920 feet from the East line (Unit A) of Section 15, Township 20 North, Range 5 West, NMPM, McKinley County, New Mexico, in order to test both the wildcat Dakota and Mesaverde (Menefee) formations within a standard 160-acre gas spacing and proration unit comprising the NE/4 of Section 15.

It is our understanding that during drilling operations, significant deviation was encountered and the resulting wellbore survey showed the bottomhole location of this well at a depth of 5,298 feet (MD) to be approximately 151 feet from the North line and 736 feet from the East line (Unit A) of Section 15. At this time Bois d'Arc Offshore, Ltd., through its agent, Synergy Operating, LLC, seeks to amend Division Administrative Order NSL-4648 to: (i) accept the wellbore directional survey for this well; (ii) reflect the subsurface locations of the wellbore within both the wildcat Dakota and Mesaverde (Menefee) intervals; and (iii) include the wildcat Mancos formation within the provisions of this order.

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This request been duly filed under the provisions of Division Rules 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999, and Division Rule 111.C (2).

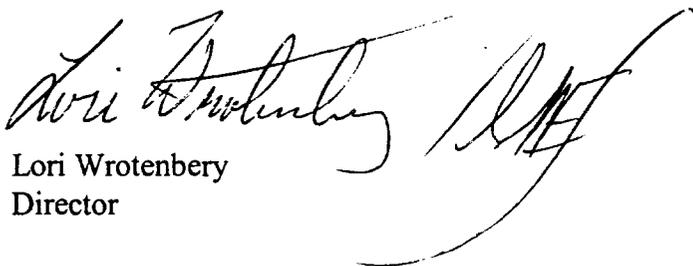
From the submitted information it is understood that the maximum deviation of this wellbore occurred at the aforementioned bottomhole location found at 5,298 feet (MD) and that the wellbore intersected: (i) the top of the Mesaverde interval at an approximate depth of 1,271 feet at a point approximately 195 feet from the North line and 789 feet from the East line of Section 15; (ii) the top of the Mancos interval at an approximate depth of 3,005 feet at a point approximately 175 feet from the North line and 764 feet from the East line of Section 15; and (iii) the top of the Dakota formation at an approximate depth of 4,881 feet at a point approximately 157 feet from the North line and 742 feet from the East line of Section 15.

By the authority granted me under the provisions of Division Rule 104.F (2), Division Administrative Order NSL-4648, dated September 28, 2001, is hereby amended to properly reflect the actual subsurface path of the Bois d'Arc Encino "15" Well No. 1, as described above, with respect to the: (i) Mesaverde formation; (ii) Dakota formation; and (iii) bottomhole location at 5,298 feet (MD). All other provisions of Order NSL-4648 not in conflict with this change shall remain in full force and effect until further notice

Furthermore, the above-described unorthodox subsurface location in the Mancos formation within the NE/4 of Section 15, being a standard 160-acre gas spacing and proration unit for this interval, is hereby approved.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,



Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington  
File: NSL-4648