

ARCO Oil and Gas Company  
Rocky Mountain District  
717-17th Street  
Mailing address: P.O. Box 5540  
Denver, Colorado 80217  
Telephone 303 575 7000



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BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

December 19, 1983

Mr. James F. Sims  
District Supervisor  
Bureau of Land Management, Oil & Gas Division  
P. O. Box 959  
Farmington, NM 87499-0600

Re: Venting Gas for Evaluation Test  
Jicarilla (H) Sections 8 & 7, T24N-R4W  
Lindrith Gallup - Dakota West Field  
New Mexico

Dear Mr. Sims:

ARCO Oil and Gas Company is requesting permission to vent gas on a test basis on the Jicarilla (H) lease. Listed below are the wells concerned, their location and current production.

<u>Well No.</u>	<u>Location</u>	<u>Production (Nov.)</u>	
104	Sec. 8-24N-4W	8 BOPD	10 MCFPD
106	Sec. 8-24N-4W	11 BOPD	18 MCFPD
115	Sec. 8-24N-4W	15 BOPD	22 MCFPD
116	Sec. 7-24N-4W	6 BOPD	24 MCFPD

We are considering putting Walking Beam Compressors on these wells. By installing a WBC on a well, the back pressure is removed from the formation and so we hope to increase the oil production. Before these compressors are installed we would like to test each well by venting it to see if removing the back pressure will increase production in each case. The venting time will most likely be three to four days, but we would like to be able to extend it up to 21 days if the well does not seem to stabilize. This project would proceed on a well by well basis and would start as soon as we receive permission to vent.

Thank you for your attention. If you have any questions concerning this matter, please call me at (303) 293-1073.

Very truly yours,

*J. A. Jones*

J. A. Jones  
Facilities/Production Engineer

JAJ/sh

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OIL CON. DIV.  
DIST. 3

APPROVED

DEC 23 1983

*Henry J. Clark*  
AREA MANAGER