Form 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0135 Expires: January 31, 2004

BUREAU OF LAND MANAGEMENT					5. Lease Serial		
SUNDRY NOTICES AND REPORTS ON WELLS						Allottee or Tribe Name	
abandoned well. Use Form 3160 - 37 (ARD) for such proposals.					Navajo	Allottee of Trace I valle	
SUBMIT IN TRIPLICATE- Other instructions on reverse side.					7. If Unit or	CA/Agreement, Name and/or No.	
1. Type of Well Gas Well Other					8. Well Nam		
2. Name of Operator Lance Oil & Gas Company, Inc.					9. API We	ajo 25 #4 Il No.	
3a. Address P. O. Box 70, Kirtland, NM 87417 505-5			lo. (include area code) 5601		30-045-		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					10. Field and Pool, or Exploratory Area Basin Fruitland Coal / W. Kutz PC		
725' FSL & 1930' FEL - Section 25, T29N-R14W, NMPM						or Parish, State	
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, R					<u> </u>		
	PROPRIATE BOX(ES) TO	INDICATE N			EPOKI, OK	UTHER DATA	
TYPE OF SUBMISSION			TYPE	OF ACTION	·		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Tre	at	Production (St	Start/Resume) Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair	New Constr	uction	Recomplete		Other Downhole	
Final Abandonment Notice Change Plans Plug and Abandon Price Plans				Temporarily Abandon		Commingle	
	Convert to Injection	Plug Back		Water Disposa		Application	
reservoirs in proportion t engineering practices. The attachment is enclosed en Methodology". The NV I		place calculated y reviewed with ole Comminglin he Basin Fruitia	l for each h the BLM ng Applic and Coal	reservoir in acco 1 and NMOCD of ation - Fruitland (and West Kutz Pi	rdance with le n Thursday af Coal & Pictur ctured Cliffs.	ternoon, July 13, 2006. An ed Cliffs Sandstone Allocation However, the Navajo 25 #4 is	
Basin Fruitland Coal; West Kutz Pictured Cliff	1,152' - 62' KB s: 1,179' - 90' KB		014	ر 241	7AZ		
compatible with each oth based upon a split of Bas	overriding royalty interests ar er and commingling will not d in Fruitland Coal - 88.947% a ould be appreciated as Lance h	lecrease the value of the least three leas	ue of proc Pictured (luction. Lance is Cliffs - 11.053%.	requesting ap	proval to allocate production	
Your timely approval wo	uld be appreciated as Lance h	as a rig in the a	rea to co	mmence pulling t	he bridge plug	(as soon as possible.	
14. I hereby certify that the for Name (Printed/Typed) Thomas M. Erv			Title Ca	i - Desiration I	EQL	10 0W- 27 13 36.3 32	
1 nomas M. Er	vin, r.e.		Title Se	nior Production E	ngineer	1000	
Signature Juenus	Myonin		Date	9/27/06		200111	
·	THIS SPACE FOR	FEDERAL	OR S	TATE OFFIC	E USE		
	fewitt			tle Ged		Date 10-3-06	
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant	gal or equitable title to those rights			ffice FF0		· , — —	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

LANCE OIL & GAS COMPANY, INC.

NV NAVAJO 25 #4 SWSE Section 25, T29N - R14W San Juan County, New Mexico

Supplement to Downhole Commingling Application Fruitland Coal - Pictured Cliffs Sandstone Allocation Methodology

The NV Navajo 25 #4 is capable of producing from both the Basin Fruitland Coal and the West Kutz Pictured Cliffs intervals. Currently, open perforations exist in both intervals; however, a plug is in-place over the Pictured Cliffs perforations keeping production from this interval behind pipe until downhole commingling is approved. Pursuant to Order R-11363, Lance Oil and Gas seeks approval to downhole commingle the "Pre-approved pools and areas": Basin Fruitland Coal (71629) and West Kutz PC (79680) in this well.

The Basin Fruitland Coal is perforated from 1,152' – 62' KB. The West Kutz PC is perforated from 1,179' to 90' KB. Lance Oil & Gas Company, Inc. (Lance) requests downhole commingling of production from the two zones with an allocation of future production to each zone that is not evenly split. Further, Lance intends to allocate production to the Basin Fruitland Coal and the Pictured Cliffs sandstone reservoir in proportion to the recoverable reserves in-place calculated for each reservoir, rather than by a production-based method.

In requesting this approach, Lance is acknowledging the fact that coal reservoirs and sandstone reservoirs are very different in their gas storage capacity and productive performance. The reserves extracted from each reservoir horizon, therefore, will be substantially disproportionate over the expected life of the well. Lance recommends this reserve-based allocation method because production-based methods suffer from the fact that once the juxtaposed coal and sand reservoirs are frac'd, they communicate with each other and the production attributable to each is very difficult to determine accurately. In addition, because sandstone and coal reservoirs perform so differently, the proportion of production attributable to each change very significantly over the life of the well as drawdown occurs. This adds yet another level of uncertainty and complexity to production-based allocation methods.

Calculations of reserves, on the other hand, can be done with accuracy in either reservoir type, and in accord with legally-accepted standard reservoir engineering practices. Lance advocates using this approach to allocating the total recoverable resource because it is a more fair way of assessing the resource volume that will be eventually produced from either zone. The reserves method acknowledges that all of the recoverable reserves in each zone will be extracted over the life of the well, and assures that respective parties will be properly credited for those reserves. The approach also avoids problematic issues with determining relative rates of production from each reservoir – particularly after frac'ing – and the change in those rates that occurs over time. Instead it leaves in-place a fixed proportion of production from each reservoir until all reserves are recovered. This further simplifies accounting for companies and interest owners by keeping the allocation constant over time until the end of the well's productive life.

On July 13th, 2006, Lance Oil & Gas Company, Inc. presented the results of a reservoir study to the BLM and NMOCD that demonstrated how reserves for each reservoir can be determined with accuracy using this method for our wells and how an allocation by this method would work. The reserve calculation is accomplished using industry-accepted and legally-accepted engineering and geological methods for calculating gas-in-place for CBM reservoirs and for gas sand reservoirs.

For CBM reservoirs the volume of recoverable reserves is given by

$RGIP = Rf^*[1359.7*A*h*RhoB*Gc]$

Where:

A = The drainage area of the well, which is taken as the spacing unit for the reservoir and is in this area being developed at 160 Acres.

h = Thickness of the coal using a density cutoff of 2.0 g/cc.

RhoB = Average bulk density of the coal seam.

Gc = In-situ average gas content of the coal seam(s).

For Gas Sand reservoirs, this is given by:

$RGIP = Rf^*[(43,560*A*h*(1-Sw)*PHIe)/Bg]$

Where:

Rf = Recovery Factor, determined by the ratio of final gas formation volume factor to initial gas formation volume factor in the reservoir.

A = The drainage area of the well, which is taken as the spacing unit for the reservoir and is in this area being developed at 160 Acres.

Thickness of the reservoir interval over which there is sufficient gas saturation
 (1-Sw) for significant productivity.

Sw = The average total water saturation in the reservoir over the interval having sufficient gas saturation for significant productivity.

PHIe = Average "effective" porosity in the reservoir over the interval having sufficient gas saturation for significant productivity.

By using this method, the proposed allocation we propose for the NV Navajo 25 #4 is:

Fruitland Coal - 88.947% Pictured Cliffs - 11.053%

If you have any questions about the proposal, please contact Mr. Bill Lyons with Lance Oil and Gas Company, Inc, San Juan Basin Business Unit, 1099 18th Street, Suite 1200, Denver, CO 80202