1 1	. 42	FORM APPROVED OM B No. 1004-0135 Expires: January 31, 200
		Expires: January 31, 200

Application

,		2006 SE	D 33 Cm				
Form 3160-5 September 2001)	UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MAI	E INTERIOR	P 32 AM RECEIVED	OM Expi	RM APPROVED 1B No. 1004-0135 tres: January 31, 2004		
CUN		070 E	APMINATA	5. Lease Scrial No. 200700	1		
Do not u	DRY NOTICES AND RE use this form for proposals ed well. Use Form 3160-3	to);dr;lii \orpito\rie-ente	man 1 42	6. If Indian, Allo	ottee or Tribe Name 57		
SUBMITI	N TRIPLICATE- Other ins	tructions on reverse	side.	7. If Unit or CA	Agreement, Name and/or No.		
1. Type of Well Oil Well	Gas Well Other	OF TAICHING	ivi nn	8. Well Name a	nd Na		
2. Name of Operator Lance	Oil & Gas Company, Inc.		-	WF Federal 25 #1 9 API Well No.			
3a. Address		3b. Phone No. (include area	a code)	30-045-306			
P. O. Box 70, 1	Kirtland, NM 87417 ze, Sec., T., R., M., or Survey Description.	505-598-5601		10. Field and Pool, or Exploratory Area B.FruitlandCoal/Harper Hill FS PC			
, ,	L - Section 25, T30N-R14W, NMPM	.	11. County or Parish, State				
				San Juan (County, NM		
12. CHE	CK APPROPRIATE BOX(ES) T	O INDICATE NATURE	OF NOTICE, RI	EPORT, OR O	THER DATA		
TYPE OF SUBMISSION	ON	TYPE	OF ACTION				
	Acidize	Deepen	Production (Sta	rt/Resume)	Water Shut-Off		
✓ Notice of Intent	Alter Casing	Fracture Treat	Reclamation	<u></u>	Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete	L⊀	Other Downhole		
	Change Plans	Plug and Abandon	Temporarily Ab	andon	Commingle		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Water Disposal

Plug Back

Lance requests approval to allocate production from the WF Federal 25 #1 well to Basin Fruitland Coal and Harper Hill Fruitland Sand Pictured Cliffs sandstone reservoirs in proportion to the recoverable reserves in-place calculated for each reservoir in accordance with legallyaccepted reservoir engineering practices. The methodology was thoroughly reviewed with the BLM and NMOCD on Thursday afternoon, July 13, 2006. An attachment is enclosed entitled "Supplement to Downhole Commingling Application - Fruitland Coal & Pictured Cliffs Sandstone Allocation Methodology". The WF Federal 25 #1 is completed in the Basin Fruitland Coal and Harper Hills PC Ext. However, the WF Federal 25 #1 is currently producing from only the Basin Fruitland Coal with a bridge plug set over the Harper Hill Fruitland Sandstone Pictured Cliffs. The well is perforated as follows:

Basin Fruitland Coal:

Final Abandonment Notice

1,076' - 83' KB, 1,104' - 07' KB, 1,161' - 73' KB

Convert to Injection

Harper Hill FS PC: 1,184' - 94' KB

HC2416A7 The produced fluids from all commingled zones are All working, royalty and overriding royalty interests are identical in the commingled zon compatible with each other and commingling will not decrease the value of production. Lance is requesting approval to allocate production based upon a split of Basin Fruitland Coal - 89.109% and Harper Hill Fruitland Sand Pictured Cliffs - 10.891%.

Your timely approval would be appreciated as Lance has a rig in the area to commence pulling the bridge plug as soon as possible.

				200	· .				
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)				- 12.5°	Dillio	7. 33			
Thomas M. Erwin, P.E.	Title	Senior	Production Enginee	ر کھیا					
Signature Thomas Mo Sim	Date	9/	27/06	₹€,6	ELEMENT DE	Type.			
THE SPACE FOR FEDERAL OR STATE OFFICE USE									
Approved by Sur Hemrit		Title	600	Date	10 - 3 - 0	6			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			FF0		÷				
Tide 19 U.S.C. Section 1001 and Tide 42 U.S.C. Section 1212 make it a mine for many		1	.1 1	14		of the Thitad			

on 1001 and Tide 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.

WF Federal 25 #1 SENE Section 25, T30N - R14W San Juan County, New Mexico

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

The WF Federal 25 #1 is capable of producing from both the Basin Fruitland Coal and the Harper Hill FS PC 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 Harper Hill FS PC (78160) in this well.

The Basin Fruitland Coal is perforated from 1,076' - 83' KB, 1,104' - 07' KB, 1,161' - 73' KB. The Harper Hill FS PC is perforated from 1,184' to 1,194' 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 WF Federal 25 #1 is:

Fruitland Coal - 89.109% Pictured Cliffs - 10.891%

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