RCVD APR16'07 OIL CONS. DIV.

Form 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED T.	3
Expires: January 31, 2004	

OM B No. 1004-0135 Expires: January 31, 2004
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E	BUREAU OF LAND MA	NAGEMENT		Lease Serie	ai No
SUNDRY	NOTICES AND RE	EPORTS ON	WELLS		- 079065
Do not use th	ie form for proposale	to drill or to	ro-enter on		, Allottee or Tribe Name
abandoned we	ell. Use Form 3160 - 3	(APD) for such	proposats. = 5	W.T:	· ·
	IPLICATE- Other ins	structions on re	verse side.RECEI	7. If Unit of	r CA/Agreement, Name and/or No.
	Gas Well Other		210 FARMIN	S Wan Na	
Name of Operator Lance Oil &	Gas Company, Inc.			9. API W	19 #2Y ell No.
Address P. O. Box 70, Kirtland		3b. Phone No. (in 505-598-5601			5 - 32766
Location of Well (Footage, Sec., 7				1	nd Pool, or Exploratory Area tz PC / Basin Fruitland Coal
688' FNL & 836' FWL Section 19, T29N - R13W, NM	•	,			or Parish, State an County, NM
12. CHECK AF	PPROPRIATE BOX(ES) T	TO INDICATE NA	TURE OF NOTICE, R	EPORT, O	R OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
Notice of Intest Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construc	Production (Str	nt/Resume)	Water Shut-Off Well Integrity Other Downhole
Final Abandonment Notice	Change Plans	Plug and Aban	don Temporarily Al	andon	Commingling
I mad Paolikachinan I work	Convert to Injection	Plug Back	Water Disposal		Application
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States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction.

(Instructions on page 2)

LANCE OIL & GAS COMPANY, INC.

F – RPC 19 #2Y NWNW Section 19, T29N - R13W San Juan County, New Mexico

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

The F - RPC 19 #2Y 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 Pictured Cliffs (79680) in this well.

The Basin Fruitland Coal is perforated from 886' - 94' KB, 919' - 24' KB, 933' - 35' KB, 968' - 77' KB and 989' - 91' KB. The West Kutz Pictured Cliffs is perforated from 1,053' to 1,046' 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 F-RPC 19 #2Y is:

Fruitland Coal - 85.90% Pictured Cliffs - 14.10%

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