Form 3160-4 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMBNO. 1004-0137
Expires: March 31, 2007

				DOIGLAC	OF LAI	וט אות	MODIV	ILIVI							Expires: M	1arch	131,2007
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5	5. Lease Serial No. NMNM-101552						
la. Type of Well Oil Well Gas Well Dry Other										6	6. If Indian, Allottee or Tribe Name						
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.										- o l <del></del>	- IN/	A	$\frac{O}{I}$	// // N 1N-			
Other 2004 OEC										10 62	7 Unit or CA Agreement Name and No.						
2 Name of Operator Lance Oil & Gas Company, Inc.										R 28	8. Lease Name and Well No. WF Federal 12 #2,						
3. Address P. O. Box 70. Kirtland, NM 87417 (3a Phone No. (include area goide))											F. A. 9	9. AFI Well No.					
3. Address P. O. Box 70, Kirtland, NM 87417   3a Phone No. (include area code)   505-509-5601											1 137	30-045-30712					
4. Location of Well (Report location clearly and in accordance with Federal requirements)											10		ld and Pool,		xploratory		
4. LUCAU	OR OT MEIT	(Repon	iocation (	cieariy ana	in acconsume	e wint f	geru reg	шгетев	W/W	200	~	ゴ	] -		sin Fruitk		• •
At sur	At surface 1915; per 1919; per 1919																
11. Sec. 1, R, M, on Block and																	
The top from must an reported below																	
At total depth Same  12 County or Parish 13 State  NM																	
		)ame					<u>V</u>				9	£					NM
14. Date S			15.	Date T.D.				Date C			03/2	004	17				B, RT, GL)*
09/17	/2001		L	09/20/20	W1			<b>∏D</b> ø	<u>1<b>A</b> ∩2.</u>				!_		8' ungrade	ea	
18. Total !	Depth: M	ID 185	0'	[ ]	19. Plug Baci	k T.D.:	MD 177	2'	مستند	20. <u>r</u>	)epth	Bridge	Plug Set	: <b>N</b>	AD)	16	<b>30'</b>
	T	VD				-	ľVD							1	VD		
71 Type I	Clastria &	Other 1	lachania	al Lore Du	n (Submit co	ny of ear	<u>.b\</u>			22. V	Vec -	vell core	<i>a</i> 2 1.7	No	V. (C.	uhmi	t analysis)
ZL Type I	SICCUIC &	Oulei N	1CCHARIC	at roke vm	i (outilitie	ру от сас	ш)					Ven core OST run		No			t analysis) t report)
CNL										1		tional Si	_	I N	<u> </u>		omit copy)
7 Casin	a and I in	or Dago	A (Pan	out all stais	ngs set in we	oII)					ALCO.	HODAL OF	ua vey:	<u> </u>	0 [7]165	, (Duc	ли сору)
	1			T			Stage Ce	menter	No.	f Sks. &	<b>P</b> T	Chron	Vol I			_	A
Hole Size	Size/Gra	ide   W	/L (#/fL)	Top (M	Top (MD) Bottom (MD)			Stage Cementer No. Depth Type					Vol. Cement		ent Top*		Amount Pulled
8-3/4"	7" K-	55 2	0#	Surf	135	,			30 sx	Class	В	6.3 b	bls	Sur	face	_	Cmt to surf
6- 1/4"	4-1/2J		0.5#	Surfac	<del></del>		<del> </del>			Class	-+		bbls				
V- 1/4	7.2/20	<del>~   1</del>	<del></del>		- 101	•	+						bbls	Sur	-food		Circ 10 bbls
	<del> </del>			<del> </del> -			<del> </del>		2000	205 sxClassB		45.00	08 bbls Surfac		iace		CHC 10 DDB
	<del> </del>			<del> </del>					-		$\rightarrow$					+	
	<del> </del>	-+		ļ			<del></del> -		ļ						··	+	
	<u> </u>			<u> </u>					L				1				
24. Tubing	g Record																
Size	<del></del>	Set (MI	D) Pack	er Depth (M	D) Size	,	Depth Se	t (MD)	Packer	Depth (	MD)		Size	De	pth Set (MD	"	Packer Depth (MD)
2-3/8"	1475'		_ <u></u>						<u> </u>					丄			
25. Produc								rforation									
	Formation	n		Тор	Bott	tom	Per	forated	Interval		S	ize	No. I	loles	Perf. Status		
	Fruitian	d Coal		1652'	1652' 1686'		1686-1684, 1681-1676			6' .41		23 holes		Open	Open		
B)								1654-1652'			.41 6		6 hole	\$	Open	Open	
C)																	
D)																	
27. Acid, I	Fracture, Tr	eatment	Cement	Squeeze, etc	).												
	Depth Inter							A	mount a	nd Type	of N	Aaterial					
1652-173	37'			516 gal 1	5% HCl, 2	8,038 ga	ls pre-pa	d, 181,7	700# 20	/40 bra	dy s	and flu	ished w	ith 1.4	186 gals 29	6 K	:l max
					2954 psi @												
1504-15	87'			475 gals	15% HCL	49.261 g	al gelled	fluid. 8	0.000#	Arizon	<b>a</b> 40	/70. Br	adv 20/	40 &	Brady 16/3	30 sa	inds. Average
					@ 40 bpm.												
28. Produ	ction - Inte	rval A							<b>P</b> 00.11								
Date First	Test	Hours	Test	Oil	Gas MCF	Wa	ter	Oil Gran	vity	Ga	5	P	roduction	Method			
Produced	Date	Tested	Produ	ction BBL	MCF	BE	L	Corr. Al	Pf	Gr	evity	-		C		1	611-2
		L											No Test	JK	Many .	TO	Tollau
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr	Oil BBL	Gas MCF	Wa BE	tor L	Gas/Oil Ratio		Well	Statu	18			$\mathcal{O}$		
Size Flwg. Press. Rate					1	NAGO		SI		SI: WOF	WOPL CONTRACTOR			FAD DECAD			
28a. Produ	action - Int	erval D						Ш							ACCEPT	ED	FOR RECOR
Date First	Test	Hours	Test	Oil	Gas	Wa	ter	Oil Gran	ritv	Gas		I P	roduction				
Produced	Date	Tested	Produc			BB		Corr. Al	PĨ	Grav	ity:	- 1		-	1.7	λi	0 E 200E
						L_							No Test	1	JA	VIV	n 5 2005
Choke	Tbg. Press.	Csg.	24 Hr.	Oil BBL	Gas	Wa	ter T	Gas/Oil		Well	Statu	5			-154	4 - 4	UN FIELD OFFICI
Size	Size Flwg. Press. Rate BBL			MCF	MCF BBL Ratio			1				SI: WOP	. !	PAKMI	nui Nav	T Alaiteen atiini	
*/Can ima		nd mac	e for ad-	litianal day	on page 2)			<u> </u>					JI. HUP		BA .	7	)
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28b. Production - Interval C															
Date First						Water	Oil Gravity	Gas							
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity							
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status							
28c Prod	uction - Int	erval D			+		<del>                                     </del>	<del>                                     </del>							
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method						
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity							
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status							
29. Disposition of Gas (Sold, used for fuel, vented, etc.)															
30 Cum	mary of Do	me Zones	(Include A.c.	nifers).				21 Farmer	ion (Los) Markers						
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.									31. Formation (Log) Markers						
							Тор								
Form	nation	Тор	Bottom		Desc	riptions, Conte	nts, etc.	<u> </u>	Name	Meas. Depth					
Fruitland	d Coal	1652"	1686'	- 1											
Pictured		1504'	1589'	1				ŀ							
Pictured	CIIIIS	1684'	1736'	- 1				Ì							
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								1							
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			1	1											
								1							
32 Addi	tional remai	rks (includ	e pługging p	moequue).				I							
JZ Auu	uonai içina	iks (iikiluu	c hingging h	occurcy.											
33. Indica	te which it	mes have l	een attache	l by placin	g a check in	the appropriat	te boxes:			··					
			ogs (1 full se			eologic Repor		Direction	nal Survey						
						ore Analysis	Other:	Приссии	in but vey						
Sundry Notice for plugging and cement verification Core Analysis Other:															
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*															
Name (please print) Jo Becksted Title Compliance Administrator															
Signature Date 12/21/2004															
Date															

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.