Form 3160-4 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

					•						- 1	I	xpires: ivia	ren 31, 2007	
WELL COMPLETION OR RECOMPLETION REPORT AND LOS										5. Lease Serial No. 14-20-603-2198-A					
				<u> </u>				MA TIFF	<u> </u>	-	11 8				
la. Type o	of Well	Oil V							_		1110		,	or Tribe Name	
b. Type of Completion: New Well Work Over Deepen Plug Back Diff Resyr,										75 N	Nav				
			Other	·				070 F	<u> </u>	1 I I	1 4 5 7		-	ment Name and No.	
2. Name	of Operato							VIVE	AIL	411	∨ 1 \ 	: N/A			
2. Manie	or Operation	Lance	Oil &	Gas Compa	ay, Inc.						8		Name and		
2 411-							120 Dk	ma No. (in de	.do ana		, 10	AFIV	Rachelle 2	3 #4	
3. Addre	Address P. O. Box 79, Kirtland, NM 87417 3a Phone No. (include area code) 505-598-5601												30 - 045 - 31184		
the state of the s												10. Field and Pool, or Exploratory			
4. Locati	Location of Well (Report location clearly and in accordance with Federal requirements)*												_	Basin Fr. Coal	
At sur	At surface 435' FSL & 2050' FEL												AHZT	Basin Fr. Coai	
	435 FSL & 2030 FEL												Г., R., М., о	n Block and	
At top	At top prod. interval reported below												y or Area	Sec 23, T29N - R14W	
													y or Parish	13. State	
At tota	At total depth Same as above											San J		NM	
14. Date S	pudded		15.	Date T.D. Rea	ched		16. Date C	ompleted 1	2/05/2	2005	17			RKB, RT, GL)*	
11/10	/2005			11/14/2005	i		D &	t A ✓ R	leady to	o Prod	l	5505'	GR		
18. Total	Depth: N	fD 1354	' KB	19.	Plug Back T.D.:	MD 12	273' KB	20.	Depti	h Bridg	ge Plug Set	: MD			
	•	VD			ū				-			TV)		
21. Type i	Electric &	Other Mo	echanic	cal Logs Run (S	Submit copy of e	ach)		22.		well co		No		mit analysis)	
HRI	GR, SDI	J DSN /	GR a	od CBL/GR				1		DST n	····	No _		mit report)	
									Direc	tional	Survey?	∐No	Yes (S	Submit copy)	
23. Casin	g and Line	er Record	(Rep	ort all strings	set in well)	10.									
Hole Size	Size/Gra	ıde Wt	. (#/ft.)	Top (MD)	Bottom (MI)) =		Cementer	No. of Sks Type of Cer		Slur	ry Vol. BBL)	Cement Top*		Amount Pulled	
12-1/4"	8-5/8"	24	.0 J-55	Cumface	157'		pth_		$\overline{}$		(EREC)			NT / A	
14-1/4	0-3/0	24.	.0 4-55	Surface	157	Prim	агу	150 Type	-	31.3	DOIS	Surfac	e	N/A	
7. 7/OH	5 1/21	+		6.6	12101	-		50.7 0		21.6		0.6		N. / A	
7-7/8"	5-1/2"	15.	.5 J-55	Surface	1310'	Lead		70 Type	-	31.8 bbls		Surface		N/A	
				ļ	<u> </u>	Tail		80 Type	111	28.5	bbls				
	1														
24. Tubing	g Record														
Size	Depth	Set (MD)	Pack	er Depth (MD)	Size	Depth	Set (MD)	Packer Depth	(MD)		Size	Depth	Set (MD)	Packer Depth (MD)	
2-3/8"	1090' k	(B	1												
25. Produc	ing Interva	als			<u> </u>	26.	Perforation	Record						<u> </u>	
	Formation	1		Тор	Bottom	Interval	Size No. Holes			loles	Perf. Status				
A) Basa	l Fruitlan	d Coal		1038'KB	1058' KB	1038	'-1044' KB		0.42" 4 SP		4 SPF	PF Open			
B)							'-1058' KB			0.42" 4 SPF		——————————————————————————————————————			
Ć)						1002	1000 111		+		7511		Орол		
 D)									+		 			10170170	
	Compture To	notment (Town cost	Squeeze, etc.	L						ــــــــــــــــــــــــــــــــــــــ	11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1			
	Depth Inter		CILICIII	Squeeze, etc.				mount and To		4-4				3 (8)	
		Y ALL		25 450 - 1	00H TO 24 4 40 4			mount and Ty	•			-	- 480	- Sal /	
1038'-10	28. KB			2/,4/0 gais	20# Delta 140 (Cross-Lai	nked Gel	containing	/3,500	IDS 1	b/30 Mesi	h Ottaw		DEC 200	
													10 "	DEC 2005	
													Fr. a		
<u> </u>			1	<u></u>									(4).	Dans Jan	
	ction - Inte		T = -	1.03	10 1		1010		·				1/w	CHOT SIV.	
	Date First Produced Date Hours Test Produced Date Tested Produced		Produ	Oil ction BBL	Gas V MCF	Vater BBL	Oil Grav Corr. Al	vity Gas PI Gravity			Production Method		الحري)	·	
			-				1				Sundry of	Tests to Fo	llow 🏑	$y_{c_{\alpha}}$	
Choke	Tbg. Press.	Csg.	24 Hr	Oil	Gas 1	Nater	Gas/Oil	W	ell State					66 KZ 97 17 962	
Size	Flwg.	Press.	Rate	BBL	MCF I	BBL	Ratio				SI:WOFL			Joe Oly Lunion	
	SI		`				<u> </u>				m.work			The state of the s	
28a. Produ		erval B										1	AUCEP	TED FOR RECOR	
Date First Produced	Test Date	Hours Tested	Test Produc	Oil tion DDI		ater BL	Oil Grav	ity Ga		T	Production 1	victhod			
. IVALIEOU	Jac	1 CONDI		tion BBL	Macr B	n L	Cont. AF	· Gr	avity.	- [l	r.		
Choke	The Pare	C-	<u> </u>		 	· · · · · · · · · · · · · · · · · · ·	Gas/Oil	1117	-II C				<u> </u>	<i>↓</i> 1 2 2005	
Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas V	Vater BL	Ratio	We	ell Status	S		1		2000	
	SI		-		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		}	1				· ·	FARMIN	ILIUM FIELD OFFICE	
*/See inv	tructions a	nd macas	for add	itional data on	page 2)								- RY		

28b. Production - Interval C													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					
28c. Production - Interval D													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
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. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers													
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.													
Forn	nation	Тор	Bottom		Descriptions, Contents, etc.				Name	Top Meas. Depth			
32. Addit	ional remar	ks (include	plugging pr	ocedure):				Basal F	d nd Fruitland Coal ruitland Coal d Cliffs Sandstone	1009' KB 1036' KB 1060' KB			
33. Indicate which itmes have been attached by placing a check in the appropriate boxes: Blectrical/Mechanical Logs (1 full set req'd.) Geologic Report DST Report Directional Survey 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) Thomas M. Erwin, P.E. Title Sr. Production Engineer													
Signature													
Title 18 U States any	S.C Section false, fiction	on 1001 an tious or fra	d Title 43 U audulent sta	S.C Sect	ion 1212, m r representa	ake it a crime tions as to a	for any person know ny matter within its j	ingly and will unsdiction.	ifully to make to any department	or agency of the United			

(Form 3160-4, page 2)