Form 3160-4 (March 2012)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

JUL 31 2013

FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

				JUKLAN	J O1 /			J1 VI LI	``	Esic		man i	Field C)îī <u>:a</u>		2		
WELL COMPLETION OR RECOMPLETION REPORT AND LOGICAL Manager											SCUPICS Pics	န်း Lease Serial No. Jicarilla Tribal #424						
Ia. Type of Well										[6. 1	6. If Indian, Allottee or Tribe Name Jicarilla Apache							
Other: Recomplete											7. L	7. Unit or CA Agreement Name and No.						
													8. Lease Name and Well No. Logos #2					
Address 4001 North Butler, Building 7101 Farmington, NM 87401 3a. Phone No. (include area code) 505-330-9333												9. A	9. API Well No. 30-043-21120					
Location of Well (Report location clearly and in accordance with Federal requirements)*												10.	10. Field and Pool or Exploratory					
1930 FOL & 730 FEL. NE/SE											11.	WC 22N5W6; Chacra (98036) 11. Sec., T., R., M., on Block and						
Same as above.											:	Survey or Area Sec. 6, T22N, R5W						
At top prod. interval reported below											12.	County	or Parish	13. S	state			
At total depth Same as above.												Sandoval NM						
14. Date Spudded 15. Date T.D. Reached 16. Date Completed 07/29/2013 09/28/2012 10/04/2012 □ D & A ☑ Ready to Prod.											690	17. Elevations (DF, RKB, RT, GL)* 6901' GL						
18. Total D	epth: MD TV) 66: D	39'		19. Plu	g Back T.D.:	MD 6	622'			20. I	Depth B	ridge Plu	_	MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? GR/CCL/CBL/Neutron/Density/Electric Was DST run?										Z N		Yes (Submi						
23. Casing					t in well	0						Directio	nal Surve			Yes (Subm		
Hole Size	Size/Gr	I	Wt. (#/ft.)			Bottom (MI	D) S	tage Cer Dep			of Sk	cs. & ement	Slurry Vol. (BBL)		Сег	nent Top*	Am	ount Pulled
12-1/4"	8-5/8" J	-55	24#	0		351'	N/			242	0. 0.	concort,	65	,	surfa	се	0	
7-7/8"	5-1/2" P	-110	17#	0		6639'	25	57', 44	173'	1076		321			surface		0	
	 			1	<u> </u>												AUG 5	
				ļ							-						1NS N 51.3	11,1
	 		<u> </u>	+												<u>171</u>	J1. U	
	Record	l				1							6:			1.6 1.62	1 2	D 1 (1 (D)
Size 2-7/8		Set (M report	ed with r	cer Depth (N edeliverv	1D)	Size	De	pth Set	(MD)	Packer	Deptn	(MD)	Siz	e l	Dep	th Set (MD)	Pack	er Depth (MD)
25. Produci	ng Intervals	5				D	26.		oration F			<u>-</u> <u>-</u>		1	1.1		Dear Com	
A) Chacra	Formatio	n		Top 2303'		Bottom 2368'	3 S		orated Int	ervai		0.38	Size	No. Holes Perf. Status 39 open				tus
B)					- 1							10.00				- opon		
C)																		
D)	т.		<u> </u>		ļ											<u> </u>		
27. Acid, Fi	Depth Inter	aunent. vai	, Cement S	queeze, etc.					А	mount a	and T	ype of N	Material					
2303'-236	B'		A	cidize w/4	8bbl 1	5% HCL acid	l. Frac	Chac	ra w/120	0,800g	als S	Slickwa	ter, 10,0	00# 100	Mesh	Sand, 68,	500# 40/	70 Sand
28. Producti Date First			bran	lo:			hv		0:1 0:	·-·	<u></u>		lnd					
Produced	rest Date	Hours Tested		Oil iction BB			Water Oil Gravity BBL Corr. API			Gas Gravity		P	Production Method P					
see #32																		
	Tbg. Press. Flwg.	Csg. Press.	24 Hr Rate	. Oil BB:			Water BBL		Gas/Oil Ratio		w s	'ell Statu il	15					
	SI																	
8a. Produc							·											
Produced	Test Date	Hours Tested	Test Produ	Oil ection BB			Water BBL	- 4	Oil Gravity Corr. API			Gas Production M Gravity		uction M	ethod			
Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	. Oil BBI			Water BBL		Gas/Oil Ratio		w	Well Status						

28b. Production - Interval C														
		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. Produ	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 (Solid, used for fuel, vented, etc.)														
	•		Include Aqui	·				31. Forma	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.														
Formation		Тор	Bottom		Descri	iptions, Content	s, etc.		Name	Тор				
0:- 41-		1340					·			Meas. Depth				
Ojo Alamo Kirtland		1620												
Pictured Clif Lewis Shale		1853 1944	:											
Chacra Cliffhouse		2276 3375												
Menefee 3413 Point Lookout 4102														
Mancos Niobrara A		4297 5027		Niobrara	B top 5130, Nio	brara C top 5247								
Greenhorn Graneros		6093 6140												
Dakota Morrison		6160 6604					,							
			plugging proc											
rest intor	mation to	ре героп	ed with rede	elivery.										
33. Indicate which items have been attached by placing a check in the appropriate boxes:														
Elect	trical/Mecha	nical Logs (1 full set req'd	.)	□G	eologic Report	☐ DST R	ероп	☐ Directional Survey					
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) Tamra Sessions Title Operations Technician														
	gnature	Tan	Jen	~i-			Date 07/30/201							

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.

(Continued on page 3) (Form 3160-4, page 2)