## N.M. Oll Cons. Division 1625 N. French Dr. Hobbs, NM 88240

.

Form 3160-4 (April 2004)										FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007				
	WELL (	СОМР			ECOMPLET			Γ ΑΝΙ	) LOG		S. C-U30187			
1a. Type of Well Oil Well Cas Well Dry Other										6. If Indian, Allottee or Tribe Name				
b. Type of (	Completion:	C	New		Work Over		<b>XX</b> Plug	g Back	Diff. F	lesvr, .		nit or CA Agr		
2. Name of		Arch	Pet	troleum	Inc.						8. L	ease Name and E. Lami	d Well No.	78
3. Address	Arch Petroleum Inc. 3. Address 79702-7340 3a Phone No. (inclu P. O. Box 10340, Midland, TX 432-685-81								(include area	code)	9. A	FI Well No.		
						Federal re			-0100		10. F	025-36 ield and Pool,	or Exploratory	2 <u>a</u>
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 990'FNL & 430'FWL											Jalmat Tansil Yates 7 Rvi			
At top prod. interval reported below Same									11. Sec., T., R., M., on Block and Survey or Area 28/T238/R37E					
At total of	depth Sa	ame									Lea	County or Paris		te IM
14. Date Spi	udded		15. D	Date T.D. Reac	hed	1	6. Date C	omplete	d 11/	12/03		Elevations (DF	, RKB, RT, G	L)*
18. Total De	pth: MD			19. P	lug Back T.D.:	MD	3623'		20. Dept		1		50'	
	TVD				·	TVD						TVD		
21. Type El	ectric & Oth	her Mech	hanical	l Logs Run (Si	ubmit copy of e	ach)			Was	well cored? DST run? ctional Surv	<b>No</b>	Yes (S	Submit analysis Submit report) s (Submit copy	
		1	- 1	rt all strings :		Stage (	Cementer	No	of Sks. &	Shurry V	/ol		1 Amount	Dullad
Hole Size	Size/Grade	Wt. (i 32		Top (MD)	Bottom (MD)		pth	Туре	of Cement	Siurry V (BBL	<u>)" C</u>	ement Top*	Amount	ruicu
1 <u>2-1/4</u> 7-7/8	<u>8-5/8</u> 5-1/2				<u>1100</u> 3670			650 650						is
		1												
24. Tubing Size	Record Depth Se	t (MD)	Packe	r Depth (MD)	Size	Depth	Set (MD)	Packe	r Depth (MD	) Si	ze	Depth Set (M	D) Packer I	Depth (MD)
			2	550								67897	V7.	
25. Produci	Formation			Тор	Bottom		26. Perforation Record Perforated Interval			Size	NoHole	es	PerfsStatus	
A) Ya B)	tes					260	8-291	.0			<u>~</u> 34	020		<u>\</u>
5) C)												HODDS 	<u>.</u>	
D)	racture, Trea			Paulana ata						18		tilles Mar		
	epth Interval		ementa	squeeze, eic.					and Type of			- 0.0 初盤	20	/
260	8-2910	)		<u>Acdz w</u> Frac w	<u>/ 2000</u> // 120_6	gals nn# 2	15% a	<u>icid</u>	wn sd	म रा	<u>\`&lt;_</u> 300#	20/40	SLC <sup>45</sup>	
					7 120,0		.07 10			. 01	,000,00	र्ट्याहर		······································
28. Produc Date First	ction - Interva	al A Hours	Test	Oil	Gas	Water	Qil G	avity	Gas	Pn	oduction Me	thod		
Produced	Date 11/18	Tested 22	Produ	ction Oil BBL	Gas MCF 1188	BBL 8	Corr.	API	Gravi . 730		Flowi			
Choke 17764	Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL O	Gas MCF 1296	Water BBL 9	Gas/O Ratio	il .	Well S	tatus S	[ pen	<u> </u>		of speci
28a. Produ Date First	uction - Inter	val B Hours	Test	Oil	Gas	Water								
Produced		Tested	Produc	ction BBL	MCF	BBL	Oil Gi Corr.	API	Gas Ģravity	CEFT	EDF	ゆれ REC		n. m <sup>27</sup>
Choke Size		Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/O Ratio		weiling	MG.S	5GD.) In 1	4 2004	<del>n.CL/</del>	<u>) C</u>
*(See ins	tructions and	d spaces	for add	ditional data of	n page 2)							GLASS	ER	Ke

				•		1				
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. Sl	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. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	<b>1</b>	
•	osition of C OID	fas (Sold,	used for fuel,	vented, et	c.)	<u>-</u>		- <u> </u>		

31. Formation (Log) Markers

5.7

. '3

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.

Тор	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
1069				
3657				
				1
	1069 2550 2953 3206	1069 2550 2953 3206	1069 2550 2953 3206 3657	1069       2550       2953       3206       3657

32. Additional remarks (include plugging procedure):

## Well was returned to production 05/31/04. NMOCD approval per Administrative Order NSP-1873. See Attached.

<ul> <li>33. Indicate which itmes have been attached by placing a cheat</li> <li>Electrical/Mechanical Logs (1 full set req'd.)</li> <li>Sundry Notice for plugging and cement verification</li> </ul>	ck in the appropriate Geologic Report Core Analysis		Report r:	Directional Survey		
34. I hereby certify that the foregoing and attached informatio	on is complete and con	rect as dete	ermined f	from all available records	(see attached instructions)*	
Name (please print) Cathy Wright		Title	Sr.	Operation T	ech	
Signature Cathy Ullight		Date	0	6/08/04	) 1137 - 14-14 - 1007	
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 12 States any false, fictitious or fraudulent statements or repre	12, make it a crime for esentations as to any	or any pers matter wi	on know thin its j	vingly and willfully to ma jurisdiction. $\alpha \downarrow :0$	ake to any department or agency of th	ne Unit
					(Form 3160-4, )	