Form 3160-4 (August 2007)

OCD-ARTESIA

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5. Lease Serial No. NMLC061783A						
la. Type of Well											6. If Indian, Allottee or Tribe Name							
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,											7. Unit or CA Agreement Name and No.							
Other:											1 [NMNM70945X						
2. Name of C Apache Co	2. Name of Operator Apache Corporation												8. Lease Name and Well No. Empire Abo Unit K #007					
3. Address 303 Veterans Airpark Lane Suite 3000 3a. Phone No. (include area code)											9	9. AFI Well No. 30-015-00776						
Midland TX 79705 432/818-1062 4. Location of Well (Report location clearly and in accordance with Federal requirements)*											1	10. Field and Pool or Exploratory						
At surface 1582' FSL & 1645' FEL UL J Sec 4 T18S R27E												Empire Abo (22040) 11. Sec., T., R., M., on Block and						
1002 FSL & 1045 FEL UL J 580 4 1105 KZ/E													Surv	ey or	Area UL J	Sec 4 T18S F	R27E	
At top prod. interval reported below "											1	2. Cou			13. Sta			
At total depth											E	Eddy			NM			
14. Date Spudded 15. Date T.D. Reached 16. Date Completed 12/29/2011 10/19/1959 11/07/1959 □ D & A												17. Elevations (DF, RKB, RT, GL)* 3586' GL						
18. Total Depth: MD 5627' 19. Plug Back T.D.: MD 5372' 20. Depth Bridge Plug Set: MD																		
TVD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored?									ed?	TVD ☑ No ☐ Yes (Submit analysis)								
	Was DST run?										✓ No ☐ Yes (Submit report) vey? ✓ No ☐ Yes (Submit copy)							
23. Casing	and Liner R	ecord (Re	port all	strings	set in well		Ctoo	ra Comenter	No							1		
Hole Size	Size/Gra	Size/Grade Wt. (#/ft			p (MD)	Bottom (MD)	Stage Cementer Depth		No. of Sks. & Type of Cement			Slurry Vol. (BBL)		Cement Top*		Amor	Amount Pulled	
7-7/8"	8-5/8" 24# 5-1/2" 9.5#			0		1476' 5627'			Circulated		_			Surface - circ				
1-110	5-1/2"	9.5	#	0		5027				50 sx Class C		- S		Surface - circ				
							_											
24. Tubing	Record								l									
Size	Depth S	Set (MD)	Packe	er Deptl	h (MD)	Size	Dept	h Set (MD)	Packer	Depth (M	D)	Size		Depth	Set (MD)	Packe	r Depth (M	(D)
2-3/8" 25. Producis	5359' ng Intervals						26.	Perforation :	Record							<u> </u>		
	Formation				ор	Bottom	Perforated In				Size	No. Ho			<u> </u>	Perf. Stat	us	
A) Abo Shale B)				070'		5070'-535)'-5352'	52'		4 SPF 48				Producir	ig		
<u>C)</u>							 											
D)																		
27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval Amount and Type of Material										Ren (bull le le le le le le le								
Abo Shale			60	000 ga	I 15% NE	FE acid; 414,	967 gal						APR 12 2012					
													AINTECIE					
														IVI	NOOE	ARTE	SIA	<u> </u>
28. Product		,			lo:1	la	17-4	010		<u> </u>		lo at at	3.5.41					
Date First Produced	Test Date	Hours Tested	Test Produ		Oil BBL		Vater BBL	Oil Grav Corr. Al	-	Gas Gravi	avity		tion Method					
12/29/11	1/3/12	24			2	1	294	42.6			Pump		g					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate		Oil BBL		Vater BBL	Gas/Oil Ratio		Well	Well Status		CEPTED FOR			ם חבר	חבכספס	
	SI		_					500		Prod	ducing	ACC	ED.	1-1) tU	K KEU	JYU)
	28a. Production - Interval B																	
Date First Produced	Test Date	Hours Tested	Test Produ		Oıl BBL	1	Vater BBL	Oil Grav Corr. Al	•	Gas Gravi	ity	Productio	n Meth	od				
			-								-			APF	} 8	2012		
Choke Size	Tbg. Press.		24 Hr.		Oil	1	Vater	Gas/Oil		Well	Status	<u> </u>		//	2ns		1	1
SIZE	Flwg. · SI	Press.	Rate		BBL	MCF E	BBL	Ratio				/		11.05	LAND	MANAGEI	— MENT	
*(See instr	uctions and	spaces for			a on page 2	<u> </u>				<u> </u>		1 /B	UKLA	U UI RI SI	AD FIF	LD OFFIC	E	
•					10	•							, un	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

10h Dead	uction - Inte	-rol C											
Date First Produced		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					
	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
	Tbg. Press. Flwg. SI	Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Well Status				
	sition of Ga	s (Solid, us	ed for fuel, ve	nted, etc.)									
Show a	ill important	t zones of p	(Include Aqui porosity and co	ontents the	ereof: Cored i	ntervals and all	l drill-stem tests, pressures and	31. Format	ion (Log) Markers				
				T						Тор			
Formation		Тор	Bottom		Desc	riptions, Conte	nts, etc.		Name	Meas. Depth			
San Andres Yeso Abo		1225' 2840' 5070'											
舞台会	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	,					·						
	onal remark	s (include)	plugging proc	edure):									
33. Indicat	e which iten	ns have be	en attached by	placing a	check in the a	appropriate box	es:						
☐ Elect	rical/Mechar ry Notice for	nical Logs (1 full set req'd	.) fication	eport 3160-5 & OCD		- And Andrews Control of the Control						
Na	-		oing and attacessa Holland	land	nation is comp	olete and correc	t as determined from Title Sr Staff E Date 03/21/201	ngr Tech	cords (see attached instructions)*				
Pist- 10 7 I 6	C C	1001 1	Tista 42 II C C	Castic-	1212 males !+	a arima for an	rarron knowi	and willfully to a	make to any department or a series	rof the United States any			

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.