Form 3160-4 (August 2007) \$\square\$

UNITED STATES DEPARTMENT OF THE INTERIORULC 1 1 2009

BUREAU OF LAND MANAGEMENT

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

HOBBACKE																	
WELL COMPLETION OR RECOMPLETION REPORT AND LOS												5. Lease Serial No. LC-064605A					
la. Type of Well b. Type of Completion: Gas Well Dry Other										6. If Indian, Allottee or Tribe Name							
Other:												7. Unit or CA Agreement Name and No					
2. Name of Operator Apache Corporation												8. Lease Name and Well No. Federal A #2					
3. Address 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136 1918.491.4968											9. A	9. AFI Well No. 30-025-07239					
4. Location			location	clearly an	d in accor	dance with Feder			1000			10. F	ield ar	nd Pool or Ex			
Unit B, Sec 14, T13S, R38E At surface 660' FNL & 1274' FEL											11. S	Bronco; Siluro (Devonian) 11. Sec., T., R., M., on Block and Survey or Area Sec 14, T13S, R38E					
At top prod. interval reported below											12. (12. County or Parish 13. State				,	
At total depth										Lea			NM				
14. Date Spudded 15. Date T.D. Reached							16. Date Completed D & A Ready to Prod.					17. Elevations (DF, RKB, RT, GL)* 3810' DF					
18 Total Depth: MD 11870' 19. Plug Back T.D.: MD 9860' 20. Depth Bridge Plug TVD TVD										idge Plug S	rg Set. MD TVD						
21. Type F	Electric & O	her Me	chanical	Logs Run	(Submit co	opy of each)		,		22. Was well Was DS7		NO IZ	, <u> </u>	Yes (Submi Yes (Submi Yes (Submi	t report)		
23. Casing	and Liner	Record	(Repor	t all string.	s set in w	ell)	T a							105 (545111	т ооруу		
Hole Size	Size/G	rade	Wt. (#/	ft.) To	op (MD)	Bottom (MD)		Cementer epth		of Sks. & of Cement			Cen	ment Top* Amount F		ount Pu	ılled
NC																	
					***************************************											·····	
	ļ														· · · · · · · · · · · · · · · · · · ·		
	g Record	ı								<u>_</u>							
Size	Depth	Set (M	ID) P	acker Dept	h (MD)	Size	Depth S	Set (MD)	Packer	Depth (MD)	Size		Dept	th Set (MD)	Pack	er Dept	th (MD)
25. Produc								erforation l							J		
A)	Formatio	n		T	ор	Bottom	Bottom Perforated Interval 10328'-10336'			Size		No. Holes P			Perf. Status		
B)							10136'-10139'					Squeezed					
C)							9914'-9920'					Squeezed					
D) 27. Acid, F	racture Tre	atment	Cemen	t Squeeze	etc									ļ,	· · · · · · · · · · · · · · · · · · ·		
	Depth Inter		, сетоп					A	mount	and Type of M	aterial						
10328' - 1 10136' - 1						5% NEFE HCI. 5% NEFE HCI.											
9914' - 99		•				15% NEFE HCI.				. '				-			
																•	
28. Product	· · · · · · · · · · · · · · · · · · ·	al A Hours	Te	et	Oil	Gas V	Vater	Oıl Grav	ita	Gas	Produc	tion Me	thod				
Produced		Tested			BBL		BBL	Согт. АР		Gravity	rodac	duction Method					
Choke Size	Tbg. Press Flwg.	Csg. Press.			Oıl BBL		Vater BBL	Gas/Oil Ratio		Well Status	5						
sı						IVICI E	·BL	Ratio		Shut-In	ACC	EPT	ED	FOR F	ECOF	RD	
28a. Produc Date First	Test Date	val B Hours	Te	st	Oıl	Gas V	Vater	Oil Grav	ıtv	Gas		ion Me				\neg	
Produced		Testec		oduction	BBL	MCF B	BL	Corr. AP	•	Gravity	,	J D	EC usti	9 200 in Win	g kler		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Rai		Oil BBL	Gas V MCF B	Vater BL	Gas/Oıl Ratıo		Well Status	B	UREAL CAF	J OF I	AND MAN AD FIELD C	AGEMEN)FFICE	T	

^{*(}See instructions and spaces for additional data on page 2)

		1.0									·····			
	action - Inte		b .	10.1	C1- 93 /	Water	Oil Gravity	Gas	Production Method					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas ''' ' MCF	Water BBL	Corr. API	Gravity	Flodiction Mealod					
Produced		Lesied	rioduction	DDC	IVICI	Poe	Coll. 711 1	Giavity						
								<u> </u>		,				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oıl	Well Status						
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio							
	SI	1				ļ								
		L		<u> </u>					<u> </u>					
	iction - Inte			lo !!	- 10		67.0	la -	Day de stine Mathed					
Date First	Test Date	Hours	Test	Oil	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method					
Produced	ļ	Tested	Production	BBL	MCF	BBL	Con. API	Gravity						
					ĺ	ł		- 1		•				
Choke	Tbg. Press.	Csa	24 Hr.	Oil	Gas	Water	Gas/Oıl	Well Status						
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio							
5.25	SI	[
		1			-									
29. Dispo	sition of Ga	s (Solid. u	sed for fuel, ve	nted, etc.,										
		, .	-											
											· · · · · · · · · · · · · · · · · · ·			
30. Sumn	nary of Porc	us Zones	(Include Aqui	fers):	31 Format	31 Formation (Log) Markers								
				`.				ľ						
Show	ill importan	t zones of	porosity and c	ontents th	ereof: Cored i	ntervals and al	l drill-stem tests,							
		terval test	ed, cushion use	d, time to	ol open, flows	ng and shut-ın	pressures and							
recove	ries,													
										Τ				
_			5		Descriptions, Contents, etc.				Name	Тор				
ron	nation	Top	op Bottom		Descriptions, Contents, etc.				Name	Meas. Depth				
		ļ <u>.</u>								 				
								İ						
				- [1		1				
			ŀ							1				
		1								Ì				
		1						J						
										Ì				
										1				
		1		-				ļ		İ				
		1	İ	1				Ì		1				
		1]											
		}		j										
			į.											
		1												
		1 -								1				
32 Addit	ional remar	ke (includ	e plugging pro-	cedure).			 			<u></u>				
JZ. Addii	IOHAI ICHIMI	no (menua	c bragging bro	oodaro).										
									activities produce sky	33	\sim α			
									<u> </u>	N 410	15=			
									A second	inch y of				
									7-3		منا والمنا			
									·	4	5			
						_				-	<u> </u>			
						•			The said		1 F			
									t haman	of 2 thousand on a state on the state	- (-5			
											The second second			
									Same resonance of the same same same same same same same sam	<u> </u>	出高			
										UT .	유롤			
33 Indica	te which ite	ms have l	een attached b	v nlacino	a check in the	appropriate bo	xes:			70	<u> </u>			
JJ. MIGICE		ALLO HELY C	unaciica t	, piacing	onoon m uic	-pp. spriate 00								
☐ Elec	trical/Mech	añical-Log	s (1 full set req'	d.)		Geologic Repor	nt DST R	Leport	☐ Directional Survey					
	11 12	131	N. 50 1 8 10		COMMENT ANDRESS.				_					
☐ Sun	dry Notice f	or pluggin	g and cement ve	rification		Core Analysis	Other:				_			
24 11	4	-O-		عدا احماء		mloto and	ant on determined 1.0		agarda (sag attached in the time)*					
		<i>(f</i>)	_	cned info	mation is con	ipiete and corre	ect as determined fro	om an available r	ecords (see attached instructions)*					
N	ame (please	print) A	mber Cooke				Title Engineer	ring Tech						
	and the second	[- [iii		11/11	0		44/05/00/							
S	ignåture <u></u>	ML¥ →		JUK	(/ [Date 11/25/200	na						
	<u> </u>	VV.	• • •		<u>~ </u>									
Title 19 II	SC Scotto	กล่าก็ก็ได้	A Titlana i To	المراقعة	101212 make	t a crime for a	ny nerson knovensti	and wallfully to	make to any department or agency	of the I in	ited States any			
false ficts	iolis or frau	dulent eta	tements or ren	resentatio	ns as to any m	atter within its	urisdiction.	, and williting 10	mane to any department of agency	AT THE OWN	note outiles ally			
				******			,				21.66			
(Continue	d on page 3)	' -							(For	m 3160-4, page 2)			