Form 3160-4 (August 1999)

												ION	72, 14W	MME	024		
Type of Well								[] a								or Tribe Na	ame
Type of Com				Gas W		☐ Dry	.ar	Oth		. _.] Diff. R	25Vr	1	7. Unit of	CA Agree	ment Name	and No.
	✓ New \	Veli	L	Worko	ver] Deep	en	L-J Pluç	j bac	.к _	Dill. 10	C341 .	1	8. Lease	Name and	Well No.	
Ì	∐ Other	-													B-3#	26	
Name of Oper	ator												1	9. API W	'ell No. .5-3573	3.4	
pache C	orporati	on						138	Phor	ne No. Anch	ide area codi	<u>,)</u>				or Explorato	ту
Address	Oak Bl	vd Ste 1	00 H	ouston.	Texa	s 77056-4	400			713-29			<u>_</u>	Penro	se Ske	lly; Gra	yburg
Location of W	Iell (Report l	ocation clearly	and in acc	cordance wit	h Federa	ıl requirements)*											d Survey or Area
At surface	33	300' FSL	& 198	0' FEL	, Lot	15								Sec. 3	3, T-21	S, R-37	/E
At top prod. i	nterval repor	ted below												12. Cour	ity or Paris Le		13. State
At total depti	h													17. El.			
Date Spudde	ed		15. Date	T.D. Reach	d			16. Date Comp		ſ.	✓ Ready	to Proc	duce	17. Hiev	ations (Dr,	RKB, RT,	GL) ·
1	1/27/01			1	2/06/	'n1				_		2/19/0			346	6'	GL
. Total Depth		D	4476				MD		4:	383			n Bridge Plug	Set:)	MD	
			1.70				TVD					L				TVD	
. Type Electr	ic & Other M	echanical Logs	Run (Su	bmit copy of	each)						22. Was we			No No	l		Submit analysis)
R-CNL	/CD D	11										ST run?		No		_	(Submit report)
					<u> </u>						Directi	onal Surve	y? Ľ	No		res ((Submit copy)
. Casing and		(Report all str					-	Stage Cementer		No. of	Sks. &	Slu	rry Vol.	Ceme	nt Top*		Amount Pulled
Hole Size	Size/Grad	ke Wt.(#/ft.)	Тор (М	(D)	Bottom (MD)		Depth		Type of Cement			(BBL)	ļ			
12-1/4	8-5/8	24	#	0		1218			_	500			891 cu. ft.		face		
7-7/8	5-1/2	17	7#	0		4476		850 1493 cu.					3 cu. ft.	Sur	face		
												 		_			
							_					\vdash					
										····							-
4. Tubing Rec								5 d 5 d 6 f		Deals	or Dorth (M	D) [Size	Т т	Depth Set (MD)	Packer Depth (MD)
Size	——— <u> </u>	Set (MD)	Pac	ker Depth (l	AID)	Size		Depth Set (MD	1)	Pack	er Depth (M	10)	2176	+ -	ocpat ber (
2-7/8 5. Producing		064	<u> </u>				26. P	erforation Reco	ord	<u> </u>							
	Formation			Тор		Bottom				Interval		ļ	Size 4"		Holes	<u> </u>	Perf Status Producing
Grayburg	3		<u> </u>				-	39	14 -	4019		+	4	 	.09		Troducing
			 -				-					 		1			
			+				-			······································			······································				
7. Acid, Frac	ture, Treatme	nt, Cement Squ	iecze, Etc.														-
	Depth Interv	al	ļ.,.,		2570	1. 150/ T	ICI			Amount	and Type of	Material				· 	<u> </u>
3914 - 40	019		Ac10	lize W/	35 /U	gals 15% F ils gel & 60	10L)# 16/30 s	sand								
			Frac	W/ 263	oo ga	us ger ac oc	,,,,,	л 10/30 .	Juiju	·							
			 -														
28. Production					lan .		Ica		Gas		Water		Oil Gravity	······································	Gas	Production	Method
Date First Produced		Test Date		Hours Tested	Test Product	ion	Oil BBL	ī	MCF		BBL		Corr. API		Gravity	Production Method	
12/19	i i	12/30/2	001	24	_		1	63		97	15	3	37.5	5		Pumping	
		Tubing		Casing	24 Hou	r	Oil	-	Gas		Water		Gas : Oil		Well Status	3	
Choke Size		ruoing Pressure		Pressure	Rate	-	BBL		MCF		BBL		Ratio				
	L	Flwg.			-		Λ	CCEPI	le r	LOD	050	700	154	0		Pro	oducing
28a. Producti		B B		<u> </u>	1		<i>\$</i> \$ 3			FUK	REC				Con	D-2-4	Mathod
Date First		Test		Hours	Test Produc	tion	Oil BB	pl 01	Gas McGH	VAC (Water	LAS	Gil Gravity Corr. API		Gas Gravity	Production	n Mennya
Produced		Date		Tested	Froduc	HOII	1	1 .			I						
				<u> </u>	ļ			J/	1	152	Water	ļ	Gas : Oil		Well Statu	LL	
Choke		Tubing Pressure		Casing Pressure	24 Hou	ır	Oil	L	Gas MCF	,	BBL		Ratio			-	
Size		rtessure Flwg.		1				DA	VID	R. GL	ASS						
		SI			L^{T}			PETRO	LE	UM EN	dinee:	₹	<u>L</u>		L		

28b. Production - Inte	nm1 C								
Date First	Test	Hours	Test	101					
Produced	Date	Tested	Production	Oil BBL	Gas	Water	oil Gravity	Gas	Production Method
		10000	1 rodavion	PBL	MCF	BBL	Corr. API	Gravity	
			 	·					
Choke	Tubing	Casing	24 Hour	Oil	Gas	Water	Gas : Oil	Well State	
Size	Pressure	Pressure	Rate	BBL	MCF	BBL	Ratio	Well Stati	us
	Flwg.			1					
28c. Production - Inter	SI			L					
Date First	Test	Hours	Test						
Produced	Date	Tested	Production	Oil BBL	Gas	Water	Oil Gravity	Gas	Production Method
		1000		BBL,	MCF	BBL	Corr. API	Gravity	
		•	—					1	
Choke	Tubing	Casing	24 Hour	Oil	Gas	Water	Gas : Oil	Well Statu	
Size	Pressure	Pressure	Rate	BBL	MCF	BBL	Ratio	Well Statt	18
	Flwg.	1			ĺ				
29. Disposition of Gas	Sold, used for fuel, vent	ed etc.)							
Sold	(===, == == you yaou, void	ou, o.c.,				-		<u> </u>	
	s Zones (Include Aquifer			_					
30. Summary of Porou	is ∠ones (Include Aquifer	s):					31. Formation (I	og) Markers	
Show all importan	nt zones of porosity and co	ontents thereof	Cored intervals and all	deill atom			(-		
tests, including de	pth interval tested, cushic	an used, time too	l open. flowing and shu	dini-siem t-in presspres					
and recoveries.		-	,	a in processes					
Forme	ition	Тор	Bottom	İ	Descriptions, Co	intents. Etc.		Name	Top
								Ivanie	Measured Depth
			İ	İ			Rustler		1306
							Yates		2618
			!	i					
				ľ			Queen		3440
				- 1			Grayburg		3768
							San Andre	s	4032
				ļ					1032
				į					l
	ĺ			l l					l l
			:						
									j
				İ					
	1			i					
	ļ								
				- 1					
							1		
				1			ł		1
 Additional remarks 	(include plugging proced	ure):							
33. Mark enclosed attack	unents:								
▼ Flectrical/	Mechanical Logs (1 6 11	ald X	— .					
	riccialical Logs (1 Tull Set re	d.a")	☐ Geologic	Report	☐ DST	Report	☐ Directi	ional Survey
_							•		onar barvey
	tice / Plugging / (Cement Veri	fication	Core Ana	ah saic	Clau.	T		
-	. 5557			Core And	aiysis	☑ Oth	er Deviation F	Report / C	-104 / C-102
									
34. I hereby certify that t	the foregoing and attached	d information is	complete and correct as	determined from a	all available records	(see attached instruc	tions)#		
					- Constitution of the Cons	(see attaction histing	uons)+		
Name (plea	ica nrint) Do	bea T A	1						
- min (preu	pe prant De	bra J. Anc	erson			Title S	r. Engineering	Fechnicia	n
	1.	Λ	1			_			
Signature	MA	1 /	And Do	Lal		D4-	1/0/00=		
-		- 1 - 1		1 SONTA		Date_	1/8/2002	2	
	\leftarrow			<u>, </u>					
Title 18 U.S.C. Section 10	001 and title 43 U.S.C. Se	ction 1212, mak	e it a crime for any per	son knowingly and	willfully to make to	any department	agency of the United State		
fraudulent statements or re	epresentations as to any m	natter within its j	urisdiction.	<u>—გ</u> ., աս	winake to	any actainment of a	sency of the United State	s any false, ficti	itious

Apache Corporation Attn: Dennis Bickford 2000 Post Oak, Suite 100 Houston, Texas 77056

Hawk B-3 # 26 Lea County, NM

47 0	4.70	3/4	1.31	6.17	6.17
994	9.94	3/4	1.31	13.05	13.05
1216	12.16	3/4	1.31	15.96	15.96
1709	17.09	1/2	0.88	14.95	14.95
2212	22.12	2	3.50	77.42	77.42
2306	23.06	2 3/4	4.81	110.98	110.98
2369	23.69	2 3/4	4.81	114.01	114.01
2401	24.01	2 3/4	4.81	115.55	115.55
2432	24.32	2 3/4	4.81	117.04	117.04
2463	24.63	2 1/2	4.38	107.76	107.76
2493	24.93	2 3/4	4.81	119.98	119.98
2563	25.63	2	3.50	89.71	89.71
2594	25.94	1 3/4	3.06	79.44	79.44
2626	26.26	1 1/4	2.19	57.44	57.44
2869	28.69	3/4	1.31	37.66	37.66
3295	32.95	1/4	0.44	14.42	14.42
3789	37.89	1	1.75	66.31	66.31
4450	44.50	2	3.50	155.75	155.75

Michael Roghair - General Manager

BRANDI ROGHAIR Notary Public, State of Texas My Commission Expires August 28, 2002

BUREAL OF LAND MEMT.

84:01 MA 11 HAL SOOS

BECEINED

Form 3160-4 (August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOGOBOL NIME

UNITED STATES
DEPARTMENT OF THE INTERIOR
1625 N. French Dr. Expires: November 30, 2000

		•			0.10	111200					Hot	obs,	NM	1824	Q ₂			
la. Type of We											-			5. If In dian,	Allotte	e or Tribe l	lame	
	☑ Oil \	Well		Gas V	Vell	☐ Dry		☐ Ot	her				ļ	7 Unit or C	'Λ Λπο	ernent Nam	and M	
b. Type of Con	Type of Completion: New Well Workover Deepen Plug Back Diff. Resvr.											7. Unit or CA Agreement Name and No.				5 .		
Other											Ī	8. Lease Name and Well No.						
														Hawk B-3 # 26				
2. Name of Ope		tion												30-025		2.1		
Apache C	огрога	шоп							3a. Pho	me No. (Inc.	lude area code	e)		10. Field an			ory	
2000 Post	t Oak E	Blvd, St	e. 100, H	louston,	Texa	ıs 77056-4	400			713-29	96-6000			Penros				
			learly and in a SL&19			al requirements)* 15								11. Sec., T.				ey or Area
At surface	•	5500 T	3L & 17	COLL	, LU	13								Sec. 3,	1-21	.b, K-3	/E	
At top prod.	interval rep	orted below												12. County	or Paris	h		13. State
At total dep	th														Le	a		NM
14. Date Spudd			15. Date	e T.D. Reacl	æd			16. Date Con						17. Elevation	ons (DF	, RKB, RT,	GL) *	
,	1 107 (0	.1			12/06	/O1		ЦD	& A		✓ Ready	to Pro 2/19/0			246	61	GL	
18. Total Depti	1/27/0	MD	4476		12/06/ 19. Plug		MD		4	383			h Bridge Plug	Set:	346	MD	<u>OL</u>	
• · · · · · · · · · · · · · · · · · · ·		TVD	4470		_		TVD		•	505						TVD		
21. Type Elect	ric & Other	Mechanical	Logs Run (St	ıbmit copy o	f each)						22. Was wel	l cored?	<u> </u>	No		Yes	(Submit	analysis)
CD CNII	/CD I	NI I			A + .						Was DS	T run?		✓ No Yes (Submit repor			report)	
GR-CNL											Directio	nal Surv	y? 🗸	✓ No Yes (Submit copy)			сору)	
23. Casing and	Liner Reco	ord (Report a	all strings set it	ı well)	— т		8	tage Cemente	er	No o	fSks. &	Sh	urry Vol.		—-г			
Hole Size	Size/Gt	ade	Wt. (#/ft.)	Top (N	(D)	Bottom (MD)		Depth		i	f Cement		(BBL)	Cement 7	Гор*		Amou	nt Pulled
12-1/4	8-5/	/8	24#	0		1218	50				00	891 cu. ft.		Surfa	1			
<u>7-7/8</u>	5-1/	′2	17#	0		4476				8	50	149	3 cu. ft.	Surfa	ce			
														-				
	<u></u>																	
24. Tubing Rec		th Cat (MD)	Pos	dear Darch ((M)	Qi	r	epth Set (MI	2)	Pacl	er Depth (MI	n	Size	Den	th Set (I	AD)	D ₂	cker Depth (MD)
2-7/8		th Set (MD) 4064	Pac	ker Depth (I	VID)	Size		eput set (MI	رر	1 10.1	rei Depui (ivii	,	Size	Бер	ui ser (i	VID)	14	cker Deput (MD)
25. Producing	Intervals				<u>_</u>		26. Pe	rforation Rec							. 1			
Cl	Formation	n		Top Bottem			Perforated Interval 3914 - 4019						Size 4"	No. Ho	_			Status lucing
Grayburg	<u>. </u>							33	14 -	4017		4					1100	iucing
																		······································
27. Acid, Frac	ture, Treatn Depth Inter		t Squeeze, Etc.							Amount	and Type of I	Vateria I				Ţ.		
3914 - 40	 	Val	Acid	lize w/	3570	gals 15% F	ICL			1 univum	und 1)po of 1	710101101				1	page 1	
371. 1						ls gel & 60		<i>†</i> 16/30 :	sand									
00 D L.E.	Tutumal		l										,					
28. Production Date First		Test		Hours	Test		Oil		Gas		Water		Oil Gravity	Gas		Production	Method	l .
Produced		Date		Tested	Producti	on	BBL		MCF		BBL		Corr. API	Grav	rity			
12/19	/01	12/3	0/2001	24	-			63		97	153	3	37.5				Pun	nping
Choke		Tubing Pressure		Casing	24 Hour Rate		Oil		Gas	E O D	Water C	(J.D.	Gas : Oil Ratio	Well	l Status			
Size		Flwg.		Pressure			PROCEPTED F		FUR	KEUU	الملذا	1540			Pro	duci	nø	
		SI		<u> </u>							a E. Gi	አድር				110	auci	<u>"6</u>
Date First	n - Interval	Test Test		Hours	Test		Oil	i i	Q ₄₈		#17 (A)	والتراك الم	Oil Gravity	Gas		Production	Method	l
Produced		Date		Tested	Producti	on	BBL	J/	Mer	10 2	002		Corr. API	Grav	vity			
					-													
Choke		Tubing		Casing	24 Hour		Oil	D/	VID.	R. GL	BBU EER		Gas : Oil	Wel	l Status			
Size		Pressure Flwg.		Pressure	Rate		BBL	PETR	DM-TE	<u>UM EN</u>	PPH EP		Ratio					
		SI									L							·

28b. Production - Int	enval C												
Date First	Test	Hours	Test	Oil	Gas	Water	Jul Gravity	Gas	Production Method				
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	I fortaction wiedland				
				ŀ									
Choke	ONAL STATE		24.44										
Size	Tubing Pressure	Casing Pressure	24 Hour Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Statu	18				
	Flwg.	1100000		1000	Wich	BBL	Ratio						
	SI												
28c Production - Int Date First													
Produced	Test Date	Hours	Test Production	Oil BBL	Gas	Water	Oil Gravity	Gas	Production Method				
1100000	Date	Tested	rroduction	BBL	MCF	BBL	Corr. API	Gravity					
			─		1								
Choke	Tubing	Casing	24 Hour	Oil	Gas	Water	Gas : Oil	Well Statu	us.				
Size	Pressure	Pressure	Rate	BBL	MCF	BBL	Ratio						
	Flwg.												
20 Disposition of C	SI as (Sold, used for fuel, ver			<u> </u>									
	as (soia, usea for fuel, vei	ntea, etc.)											
Sold													
30. Summary of Pore	ous Zones (Include Aquif	ers):					31. Formation (I	.og) Markers					
Show all import tests, including a and recoveries.	ant zones of porosity and depth interval tested, cush	contents thereof: nion used, time too	Cored intervals and all open, flowing and sh	drill-stem ut-in pressures									
For	mation	Тор	Bottom	T	Descriptions, Co	ontents, Etc.		Name	Тор				
						· · · · · · · · · · · · · · · · · · ·	- In		Measured Depth				
	1						Rustler		1306				
				ŀ			Yates		2618				
							Queen		3440				
							Grayburg		3768				
				İ			San Andre	NG.	4032				
							San Andre	5	4032				
	i												
	l			İ									
	1												
	1]						
•••													
32. Additional remark	ks (include plugging proc	edure):					·						
33. Mark enclosed at													
				-									
	al/Mechanical Logs	s (1 full set r	req'd.)	☐ Geolog	ic Report	☐ DS1	Γ Report	☐ Direc	tional Survey				
									·				
Sundry I	Notice / Plugging	/ Cement Ve	rification	Core A	nalveie	[Z] Oth	Other Deviation Report / C-104 / C-102						
		,		core A	rialysis	ĭ ∑ l Oui	Deviauon	Report / C	C-104 / C-102				
													
34. I hereby certify th	hat the foregoing and atta	ched information i	is complete and correct	as determined from	n all available record	ls (see attached instru	ctions)*						
Name (pl	lease print) I	Debra J. Ar	nderson			Title 9	Sr. Engineering	Technici	an				
J.							JI. LIEUCUIIIB	, i willie	ап				
Çianobu	and all	~ 1	d. 0.	المان									
Signature		M1	UNILO	<u> </u>		Date _	1/8/200	02					
		-											
Title 18 U.S.C. Section	on 1001 and title 43 U.S.C	Section 1212 m	ake it a crime for are-	serson knowingsb	nd willester	to anu d							
fraudulent statements	or representations as to a	ny matter within it	ts iurisdiction		an whitely to make	to any department or	agency of the United Sta	tes any false, fi	ctitious				

Apache Corporation Attn: Dennis Bickford 2000 Post Oak, Suite 100 Houston, Texas 77056

Hawk B-3 # 26 Lea County, NM

470	4.70	3/4	1.31	6.17	6.17
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2463	24.63	2 1/2	4.38	107.76	107.76
2493	24.93	2 3/4	4.81	119.98	119.98
2563	25.63	2	3.50	89.71	89.71
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2626	26.26	1 1/4	2.19	57.44	57.44
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3295	32.95	1/4	0.44	14.42	14.42
3789	37.89	1	1.75	66.31	66.31
4450	44.50	2	3.50	155.75	155.75

Michael Roghair - General Manager

BRANDI ROGHAIR

Notary Public, State of Texas My Commission Expires August 26, 2002

Notary Public

TMON GVAL 40 DABAUR EDIFIO LLEWROR

84:01/14 11 WALL SOOS

BECEINED