Form 3160-4 (August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OF RECOMPLETION PERCON

N.M. Oil Cons. Division 162: N. French Dr.

1020 N			
Hobbs,	NM	88240	FORM APPROVED OMB NO: 1004-1037

Expires: November 30, 2000

		WE	LL C	OMPLI	ETION	OR RECO	OMPLE	TION	REPORT	AND LO	G		5 Lease Serial I			
la. Type of Well													NM-9016			
	Oil Well	I		🗌 Ga	s Well	0 🗌	ry		Other				6. If Indian, Allo			
	New W	ell		🗌 Wa	orkover	D	eepen	F	Plug Back	🗌 Dif	f. Resvr		7. Unit or CA A	greement Na	ime and No.	
L	Other								-				8. Lease Name a			
2. Name of Operator					······						· · · · ·		Hawk B-1	#28		
Apache Corp 3 Address	oration	1											30-025-35			
6120 S. Yale	, Suite	1500,	Tulsa	a, OK	74136				3a. Phone No. 918	(include area -491-49;			10. Field and Po Penrose S			
4. Location of Well (Report loca	tion clearl	y and in	accordance	e with Fede	ral requirements,)*						11. Sec., T., R.,	M., or Block	and Survey or A	геа
At surface 420	J'FSL (& 198	0' FE	L (SW	/4 SE/4	4) Unit O							Sec. 9, T-2			
At top prod. interv	al reported	below											12. County or Pa	ırish	13. Sta	ie
At total depth													Lea	a Co.	1	NM
14. Date Spudded 05/	08/02		15. Da	ate T.D. Re 05/12			1	6. Date Co				,	17. Elevations (E	OF, RKB, RT	', GL) *	
007	00.02		1	03/12	/02				0 & A	[⊻] Rea	ady to P 05/24			10/1	GL	
18 Total Depth:	MD		4200)'	19. Plu	Back T.D.:	MD		4155'			pth Bridge Plug		<u>186'</u> мd	<u>UL</u>	
	TVD						TVD							TVD		
21. Type Electric & O)ther Mecha	inical Logs	Run (S	ubmit copy	of each)					22. Was	well cored!		No	Yes	(Submit analysis	
CPNL										Was	DST run?] No		(Submit report)	
12 (Dire	ctional Sur	vey? 🗸	No		(Submit copy)	
23 Casing and Liner I Hole Size Siz	kecord (<i>Rep</i> ke/Grade			1			Sta	ige Cement	er No	of Sks. &		lurry Vol.		T		
		Wt. (i			(MD)	Bottom (MD)	ļ	Depth		e of Cement		(BBL)	Cement Top*		Amount Pulled	
	- <u>5/8</u> -1/2	24)	400'				350		84	Ci to surf	ļ		
	-1/2	17	#)	4200'				1250	_	404	<u>Surf</u>	┽────		
							1	<u> </u>						┼───		
													<u></u>	<u>+</u>		
24 Tubics D																
24 Tubing Record Size	Depth Set (1	MD)	Pad	ker Depth	(MD)	Size	Der	pth Set (MI	<u>)) P</u>	icker Depth (I			Deeth Fire	(1.17)		
2-7/8	4067				<u>, , , , , , , , , , , , , , , , , , , </u>						(VILD)	Size	Depth Set	(MD)	Packer Depi	.h (MD)
25. Producing Interval	s		· · · · · ·		K		26. Perfo	oration Rec				·				
Form	ation			Top		Bottom			rforated Interval			Size	No. Holes		Perf Status	
Grayburg			3	723'			<u> </u>	3	<u>758-4002'</u>			4"	258	<u> </u>	Producing	<u></u>
					<u> </u>		<u> </u>				-					
										· · · · · · · · · · · · · · · · · · ·	-					
27 Acid, Fracture, Tre Depth Ir		ment Sque	eze, Etc.								<u></u>	ACCI	PTED F	ORR	FCORD	
3758-4002'			Acid	ized w	/ 5.888	gals 15%	HCI		Amou	nt and Type o						+
					2,000		11017		· · · ·							+
	• • • • • •		Frac	w/ 44,	478 ga	ls gel & 80	0,000#	12/20	sand				JUN T	200	2	
28 Production - Interv	al A												y f			
Date First Produced	Test			Hours	Test		Oil		Gas	Water		Oil Gravity	GARY G	Bioferior	Vethod	+
05/24/02	Date	20/20/		Tested	Productio	n .	BBL		MCF	BBL,		Corr. API PE	TROLEUN	ENGI	VEER	
		30/200)2	24				16	359	27	/1	38.8			Pumping	-
Choke Size	Tubing Pressure			Casing Pressure	24 Hour Rate		Oil BBL		Gas MCF	Water BBL		Gas : Oil Ratio	Well Status			
	Flwg. SI				—							1662		Pro	ducing	
28a Production - Inter-	vai B		1		ł			L		.L			l			<u> </u>
Date First Produced	Test Date			Hours Tested	Test Productio	n	Oil BBL		Gas MCF	Water BBL		Oil Gravity Corr. APl	Gas Gravity	Production	Method	
	- Suit			1 63160			556			LIDEL		COIL API	Gravity			
Choke				<u> </u>			0.1							L		
Size	Tubing Pressure			Casing Pressure	24 Hour Rate		Oil BBL		Gas MCF	Water BBL		Gas : Oil Ratio	Well Status			
	Flwg.															
	SI									1						

(See instructions and spaces for additional data on reverse side)

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Date First	Test	Hours	Test	Oil	Gas	Water	Uil Gravity		D-1-1-1
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gas	Production Method
					MCr	DBL	Con. API	Gravity	
Choke	Tubing	Casing	24 Hour	Oil			0.01		
ize	Pressure	Pressure	Rate	BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well State	45
	Flwg.	riessuic	Rate	565	MCF	BBL	Kano		
	SI	1	· · · · · · · · · · · · · · · · · · ·						
Sc. Production - I			L	<u>t</u>			l	· I	
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
roduced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	Troduction Method
		i I							
Thoke	Tubing	Casing	24 Hour	Oil	Gas	Water	Gas : Oil	Well Statu	10
ize	Pressure	Pressure	Rate	BBL	MCF	BBL	Ratio		
	Flwg.	1							
	SI		P	-					
9. Disposition of	Gas (Sold, used for fuel, s	vented, etc.)	<u>.</u>						
Sold									
	orous Zones (Include Aqu					···	31. Formation (Log) Markers	
Show all impo	rtant zones of porosity an g depth interval tested, cus	d contents thereof	Cored intervals and al l open, flowing and sh	l drill-stem ut-in pressures			31. Formation ()	Log) Markers	
Show all impo tests, including and recoveries	rtant zones of porosity an g depth interval tested, cus	d contents thereof	Cored intervals and al open, flowing and sh Bottom	l drill-stem ut-in pressures	Descriptions, Co	ontents, Etc.	31. Formation (Log) Markers Name	Top Measured Depth
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l drill-stem ut-in pressures	Descriptions, Co	ontents, Etc.	31. Formation ()		
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l dril-stem ut-in pressures	Descriptions, Co	ontents, Etc.			Measured Depth
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l driil-stem ut-in pressures	Descriptions, Co	ontents, Etc.	Rustler Yates	Name	Measured Depth 12 26
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l driil-stem ut-in pressures	Descriptions, Co	ontents, Etc.	Rustler Yates Seven Riv	Name	<u>Measured Depth</u> 12 26 28
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l driil-stem ut-in pressures	Descriptions, Co	ontents, Etc.	Rustler Yates Seven Riv Queen	Name	Measured Depth 12 26 28 34
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l dril-stem ut-in pressures	Descriptions, Co	ontents, Etc.	Rustler Yates Seven Riv Queen Grayburg	Name /CTS	<u>Measured Depth</u> 12 26 28
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l dril-stem ut-in pressures	Descriptions, Co	ontents, Etc.	Rustler Yates Seven Riv Queen	Name /CTS	Measured Depth 12 26 28 34
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l drill-stem ut-in pressures	Descriptions, Ca	ontents, Etc.	Rustler Yates Seven Riv Queen Grayburg	Name /CTS	Measured Depth 12 26 28 34 37
Show all impo tests, including and recoveries	rtant zones of porosity an depth interval tested, cu	d contents thereof shion used, time tool	l open, flowing and sh	l drill-stem ut-in pressures	Descriptions, Ca	ontents, Etc.	Rustler Yates Seven Riv Queen Grayburg	Name /CTS	Measured Depth 12 26 28 34 37
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32. Additional remarks (include plugging procedure):

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3 Mark enclosed attachments:		
Electrical/Mechanical Logs (1 full set req'd.)	🛄 Geologic Report	DST Report Directional Survey
Sundry Notice / Plugging / Cement Verification	Core Analysis	✓ Other Deviation Rpt/NM-OCD C-104
I hereby certify that the foregoing and attached information is complete and corre	et as determined from all available records (s	see attached instructions)*
Name (please print) Kara Coday		Title Sr. Engineering Tech
Signature Lan Coday	and the second sec	Date 6/6/2002