Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED CIMB NO. 1004-1037 Expites: November 30, 2000

												5. Lease Serial No.							
T															LC-03				
1a. Type of Wall: Oil Well				☐ Gas V		Well	II Dry		Other					6. If Indian, Allottee or Tribe Name					
b. Type of Completion: New Well			Workover		cover	☐ Deepen		Plug Back		☐ Diff. R	Diff. Resvr.		7. Unit or CA Agreement Name and No.						
Other															8. Lease Name and Well No.				
2. Name of Operator												Hawk A #16 9. API Well No.							
Apache C	огрог	ation					-			Ja. Ph	one No. An	clude area cod	e)		30-02		75 , or Explora	itary	
6120 S. Y	ale, S	uite 150	00, Tu	ılsa,	OK 7	4136	al requirements)*					91-4957	-		Penro	se Sk	elly; G	raybu	ırg
							4) Unit U										., or Block 1S,R37		ey or Area
At top prod.	interval re	ported below	₩												12. Count	ty or Pari			13. State
At total dep			Tra	Duta 1	T D. Dasai	had.			16 Data Co	mulatad					10 11				NM ———
6/22/02				15. Date T.D. Reached 6/27/02					16. Date Completed ☐ D & A					oduce	17. Elevations (DF, RKB, RT, GL) • 3490) GL				
				4200' 19. Plug Back T.D.:				MD 4154' 20. Depth Bridge						lug Set: MD					
21. True Florin	0. 04	TVD	11 D.	/ 0.4.		c .1. \		TVD				<u> </u>			No		TVD		· - · · · · · · · · · · · · · · · · · ·
21. Type Electr CN/SGR/		Mecremica	ii Logs Ri	in (Suoi	иш сору (or each)						22. Was well Was DS Directio		V	No No No		Yes	(Submit (Submit (Submit	
23. Casing and	Liner Rec	ord (Report	all strings	s set in v	well)							·						<u></u>	
Hole Size	Size/G	rade	Wt. (#/ft.	.)	Top (N	4D)	Bottom (MD)	S	tage Cement Depth	ier		of Sks. & of Cement	8	lurry Vol. (BBL)	Cernent	Top*		Amour	nt Puiled
12-1/4	8-5		24#		0		403					350		84	Su	rf			
7-7/8	5-1	/2	17#	# 0			4200				1	1000		318	Surf				
	-																		
																			
24. Tubing Rec					D 1 (1	(D) I			0.8404	5.		5 4 4 4							
2-7/8	_	th Set (MD) 4106	' 	Packe	er Depth (!	MD)	Size	П	epth Set (M	U)	Pac	ker Depth (MD	2)	Size	De	pth Set (MD)	Pac	eker Depth (MD)
25. Producing I		4100						26. Per	foration Re	cord				1				L	
	Formatio	n		To			Bottom	Perforated Interval						Size		Vo. Holes Perf Status			
Grayburg				3790				3831-4072'						4"		2	Producing		ucing
	,																		
															é				
27. Acid, Fract	ure, Treatr Depth Inter	_	nt Squeeze	e, Etc.							A		(-A		$-I_i^\circ$	* "		e ^g	
	-	Aat	-	cidia	70d 111/	6422	gols 150/	HCI			Amount	and Type of M	atenai		-/-			- 52	
3831-4072' Acidized w/ 6423 gals 15% HCL						7													
			F	rac y	v/ 40,9	92 g	ils gel & 80	0,000	# 16/30) sand	d				<u> </u>	-		127	
															1		- Moor Orio	17.	
28. Production Date First	- Interval .	Test			Hours	Test		Oil	*	Gas	-	Water		Oil Gravity	Gài		Production	Method	
Produced		Date			Tested	Producti		BBL		MCF		BBL		Corr. API	1	vity		посра	
7/12/02		7/21/2002			24	24 Hun			15		25	303		36			Pumping		nping
Choke Size		Tubing Pressure		- 1	asing ressure	=		1		Gas MCF	Water BBL			Gas : Oil Ratio		Well Status			
		Flwg. Sl								<u> </u>				1667			Pro	ducii	ng
28a. Production Date First	ı - Interval	B Test			Hours	Test		Oil		Gas		Water		Oil Gravity	Gas		Production	Method	
Produced Date			1 1		Production	1		MCF		BBL		Corr. API			Gravity		Wiculou		
Choke Tubing			Casing 24 Hour			Oil Ga		Gas		Water	Gas : Oil		We	Il Status	Ļ	.			
Size Pressure Flwg.			1 - 1		Rate	ł l		MCF			BBL		Ratio				•		
		SI		1	1			L		1		l	_		1				

28b Production - Inter	val C				7- to						
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	···	
Produced	duced Date		Production	BBL.	MCF	BBL	Corr. API	Gravity			
Choke	Tubing	Casing	24 Hour	Oil	Gas	Water	Gas : Oil	Well Statu	1		
Size	Pressure	Pressure	Rate	BBL	MCF	BBL	Ratio	Well Statu	s		
	Flwg.										
	SI				<u> </u>						
28c Production - Inter-	val D Test	Hours	Test	To:	la:-	Titi .	To 0.2				
Produced	Date	Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
		1 45.00	-				Con. Ar i	Gravity			
Choke	Tubing	Casing	24 Hour	Oil	Gas	Water	Gas : Oil	Well Statu	ıs		
Size	Pressure	Pressure	Rate	BBL	MCF	BBL	Ratio				
	Flwg.		 	. [
29 Disposition of Gas	SI (Sold, used for fuel, vente	ed etc.)	<u>.</u>								
	(Cold, Med for fact, Penie	ai, eic.)									
Sold	s Zones (Include Aquifers										
Show all importan	it zones of porosity and co	outents thereof:					31. Formation (Log) Markets			
Forma	alion	Тор	Bottom		Descriptions, Co	onlents, Etc.		Name		Тор	
				-		· · · · · · · · · · · · · · · · · · ·	- D - 1		Ме	asured Depth	
				ļ			Rustler			1288	
							Yates			2672	
				I			Seven Riv	ers		2923	
•				1			Queen			3486	
				1			Grayburg			3790	
				1							
							San Andr	es		4068	
										407	
				-					}	er KC	
									'	•	
	1										
	1						1				
	<u> </u>								1		
			1						-		
			1				į				
				ļ							
				l							
32. Additional remarks	(include plugging proceed	dure):									
33. Mark enclosed atta	/Mechanical Logs	(1 full set	req'd.)	Geologic Report			ST Report Directional Survey				
Sundry N	lotice / Plugging /	Cement Ve	erification	☑ Ot	✓ Other NM-OCD C-104						
34. I hereby certify tha	at the foregoing and attack	ned information	is complete and correct	as determined fro	on all available recor	ds (see attached instr	uctions)*				
Name (ple	ease print) <u>K</u>	ara Coda	у	Title	Title Sr. Engineering Tech						
Signature	Kara	Coda	Μ			Date		8/7/2002			
	1		\sim								
	a 1001 and title 43 U.S.C.			erson knowingly	and willfully to mak	e to any department	or agency of the United S	States any false, I	fictitious		