Form 3160-4 (April 2004)

## UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 2008

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

						-		REPURI	8 hn					se Serial No C-032096			
la. Typ	e of Well		Oil We		Gas Well	Dry [		100						idian, Allott		Vame	
• •	e of Comple		<b></b>		w Well	Work Over	Deep	en P	lug Back	X Diff	Resvr		0. H II.	ididii, mioti	cc or Tibe	vaine	
				Other _		<del></del>							7. Uni	t or CA Agr	eement Nan	ne and no.	
2. Nan	ne of Opera	tor	-														
Apache Corporation												8. Lease Name and Well No.  Lockhart B-24 001					
3. Address 3 a Phone No. (Include area code)												9. API Well No.					
6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224 (918)491-4864												30-025-38759 <b>ADC</b> 2					
4. Location of Well (Report location clearly and in accordance with Federal requirements)*													d and Pool,		ory		
At Surface 2310' FSL & 2310' FEL (NW1/4 SE1/4), Unit J, Sec 24, T21S, R37E																Oil & Ga	
At to	At top prod. interval reported below												11. Sec., T., R., M., on Block and Survey or Area Sec 24, T21S, R37E				
At to	otal depth												12. County or Parish 13. State Lea New Mexico				
14. Date	e Spudded			15. D	ate T.D. Read	ched		16 Date C	Complete	d			17 Elevations (DF, RKB, RT, GL)*				
04/1	2/2008			0.	4/23/2008		,	07/01	& A [	X Ready	to Prod						
	al Depth: N	up 7	155'	1 0		Plug Back T.D	).; MD	<del></del>	/2008	20. Dep	th Bride	ge Plug S	3438' GL Plug Set: MD 6805' RBP				
10. 100		rvD_			15.1	ing pack (.D	TVD			20. Бер	ու թւա	ge ring 3		VD 0003	KDI		
21 Type	e of Electric	& Ot	her Me	chanical	Logs Run (S	ubmit copy of	feach)			22. Was	well co	red? X	]No [	Yes (Su	ıbmit analys	is)	
שנו	/MG, SD/	יופעוי	i, Loc	o, bore	hole Volur	ne Piot					DST run? X No Yes (Submit analysis)					,	
22 C		' D	/D -		trings set in	!!\				Dire	ctional	Survey?	X No	Yes	(Submit co	py)	
	7	SI KECI					Stag	e Cementer	No o	f Sks. &	Shi	rry Vol.					
Hole Size	le Size   Size/Grade   Wt. (#/ft.)		#/ft.)	Top (MD)	pp (MD) Bottom (MD)				of Cement		(BBL)		ent Top*	Amoun	t Pulled		
12-1/4"			0'		1540'				lass C 222			0' circ					
7-7/8"	5-1/2"		17#	0'		7153'			1615	Class C	610		122' CBL				
	-												<u> </u>				
					· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·									
<del></del>																	
	ing Record		1	r							,						
Size		h Set (	MD)	Packer	Depth (MD)	Size	Dep	th Set (MD)	Packer I	Depth (MD)	<u> </u>	Size	Dep	oth Set (MD	) Packer	Depth (MD)	
2-7/8" 25. Produ	6749' scing Interv		i														
	Formatic				Тор	Bottom	26.	Perforation Perforated 1			Size	No.	Holes		Perf. Status		
A)Bline		,,,,		5862		5868' - 6152'			uitei vai	57			notes	Producin			
B) Tubb				6335'				4' - 6586'				40			Producing		
C)Drink	card			6683	'			6854' - 6894'			27		Behind F		RBP		
D)	r											.1					
27 Acid,	Fracture, T Depth Inter	reatme rval	ent, Cer	ment Sqe	eze, Etc.			Ar	nount an	d Type of N	1aterial					<del></del>	
5868'	- 6152'			Acid	lize with 3	000 gals 15	% HCl.	Frac with	36K ga	ıls gel &	82K #	20/40	sand.				
	- 6586'			Acid	lize with 3	000 gals 15	% HC1.	Frac with	36K ga	ıls gel &	82K #	20/40	sand.				
6854	-6894'			Acid	lize with 3	000 gals 15	% HCl.	Frac with	39K ga	ıls gel &	62K #	20/40	sand.				
				<u> </u>													
Date First	uction - Inte	Hours		Test	Oil BBL	Gas MCF	Water	Oil Gravi Corr. AP	ty	Gas	ΤP	roduction N	Method				
Produced 6/9/08	7/5/08	Tested 24	1   1	Production	68 BBL	1	BBL	i i	ľ	Gravity				•,			
Choice Size	Tbg. Press.	<del></del>		24 Hr.	Oil BBL	Gas	198 Water	37.5 Gas : Oil		Well Statu		umping	<u>;                                    </u>		<del></del>		
Size	Flwg.	Csg. Press	5.   F	Rate	BBL	Gas MCF	BBL	Ratio			Δ.	CEP	TED	OR RE	CORD		
Prod	SI uction - Inte	rual B						735		Produc	<u></u>	JOL 1	1 ( )			<u> </u>	
Date First	Test	Hours	1	Test	Oil	Gas MCF	Water	Oil Gravi	ty	Gas	<b>S/P</b>	roduction	V L	) <del>  [</del>	ЗЦА	<b>DO</b>	
Produced	Date	Teste	ed   F	roduction	BBL	MCF	BBL	Соп. АР	I <sup>-</sup>	Gravity		8	EP 2	2 1 2008	3		
Choke	Tbg. Press	Csp	-   ,	4 Hr.	Oil	Gas	Water	Gas : Oil		Well Statu				·		<del> </del>	
Size	Flwg.	Csg. Press	i.   Î	Rate	Oil BBL	Gas MCF	BBL	Ratio		TT GII GIAIII	1		AVIDI	R. GLASS	<b>.</b>		
(See Instru	SI ctions and spe	aces for	additio	nal data o	n page 2)	,				<u> </u>		PETF	ROLEU	M ENGIN	EER	<u> </u>	

28h. Produc	ction - Inter	val C											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water ( )(	Oil Gravity '	Gas Gravity	Production Method		· ·		
Choke Size	Tbg. Press. Flwg. SI	1 1033.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas . Oil Ratio	Well Status		,	-		
28c. Produc			Tool	l Oil	Geo	Water	Oil Gravity	Gas	Production Method		······································		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	BBL	Corr. API	Gravity	Froduction Method	*			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oıl Ratio	Well Status					
29. Dispo		as (Sold, u	sed for fuel	vented, etc	.)		<u> </u>	1					
30. Sumn	nary of Porc	ous Zones (	Include Aqu	ifers):				31. Format	tion (Log) Markers				
tests,	all importa inlouding d ecoveries.	nt zones or epth interva	porsity and al tested, cu	contents th shion used,	ereof: Core time tool op	d intervals and en, flowing an	all drill-stem d shut-in pressures						
Forma	ation	Тор	Bottom		Descri	ptions, Conten	ts, etc.		Top 1eas. Depth				
Rustler		1459	<u></u>				/		卍	1930	유목		
Yates		2792									唇室		
Seven Rivers		3037							नि	16			
Queen		3609				t				3	35		
Grayburg		3955								<u>ö</u>			
San Andres		4211			. '				•	57	S		
Glorieta		5463									•		
Blinebry		5862						1					
Tubb		6335											
Drinkard		6683											
Abo		6961									·		
32. Additional remarks (include plugging procedure):  BLINEBRY 5868-74, 5948-54, 6008-12, 6030-34, 6146-52 2 JSPF (Producing)  TUBB 6344-48, 6453-57, 6498-6504, 6582-86 2 JSPF (Producing)  DRINKARD 6854-58, 6869-73, 6890-94 2 JSPF (Behind RBP)													
Ele	ctrical/Mec	hanical Log	gs (1 full set	• •	☐ Ge	e appropriate ological Repoi re Analysis		ort 🗌 D	rirectional Survey				
34. I hereb	y certify the	at the forego	oing and att	ached infor	nation is co	mplete and cor	тесt as determined	from all availa	ble records (see attached instr	uctions)*			
Name (please print) Sophie Mackay							Title Engineering Tech						
Signatu	ire	Joph	ie M	ackar	<u> </u>		Date <u>07/15</u>	Date <u>07/15/2008</u>					
Title 18 U. States and	S.C. Section	n 101 and 7	Fitle 43 U.S	.C. Section ents or repr	1212, make esentations	it a crime for a	any person knowing r within its jurisdic	gly and willfull	y to make to any department of	or agency	of the United		

Form 3160-4

## UNITED STATES DEPARTMENT OF THE INTERIOR

(April 2004) FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007 **BUREAU OF LAND MANAGEMENT** 5. Lease Senal No.
NVILC-032096-B

6. If Indian, Allottee or Tribe Name WELL COMPLETION OR RECOMPLETION REPORT AND I X Oil Well Gas Well la. Type of Well Dry Other Diff. Regulina b. Type of Completion X New Well Work Over Deepen 7. Unit or CA Agreement Name and no. Other Name of Operator Lease Name and Well No. Apache Corporation ockhart B-24 001 Address 3.a Phone No. (Include area code, 9. API Well No. 6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224 (918)491-4864 30-025-38759 Location of Well (Report location clearly and in accordance with Federal requirements)\* 10. Field and Pool, or Exploratory At Surface 2310' FSL & 2310' FEL (NW1/4 SE1/4), Unit J, Sec 24, T21S, R37E Blinebry Oil & Gas 11. Sec., T., R., M., on Block and At top prod. interval reported below Survey or Area Sec 24, T21S, R37E 12. County or Parish 13. State At total depth Lea New Mexico 14. Date Spudded 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL)\* D&A X Ready to Prod. 04/12/2008 04/23/2008 3438' GL 06/09/2008 MD 7113' 18. Total Depth: MD 7155 MD 6255' RBP 19. Plug Back T D.: Depth Bndge Plug Set: TVD TVD Type of Electric & Other Mechanical Logs Run (Submit copy of each) DLL/MG, SD/DSN, LSS, Borehole Volume Plot 22. Was well cored? X No Yes (Submit analysis) Was DST run? X No Yes (Submit analysis) Directional Survey? X No Yes (Submit copy) 23. Casing and Liner Record(Report all strings set in well) Stage Cementer No. of Sks. & Slurry Vol. Cement Top\* Amount Pulled Hole Size Size/Grade Wt. (#/ft.) Bottom (MD) Top (MD) (BBL) Type of Cement Depth 12-1/4" 8-5/8" 24# 0' 1540' 760 Class C 222 0' circ 7-7/8" 5-1/2" 17# 0' 7153 1615 Class C 610 122' CBL 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size Size Depth Set (MD) Packer Depth (MD) 2-7/8" 25. Producing Intervals Perforation Record Formation Perforated Interval Perf. Status Top Botton No. Holes A)Blinebry 5862' 5868' - 6152' 57 Producing B) Tubb 6344' - 6586' 63351 40 Behind RBP C)Drinkard 66831 6854' - 6894' 27 Behind RBP D) 27. Acid, Fracture, Treatment, Cement Sqeeze, Etc Depth Interval Amount and Type of Material 5868' - 6152' Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand. 6344' - 6586' Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand. 6854' -6894' Acidize with 3000 gals 15% HCl. Frac with 39K gals gel & 62K # 20/40 sand. 28. Production - Interval A

Date First | Test | Hours |
Produced | Date | Tested Hours Tested Test Water BBL Oil Gravity Corr. API Gas Gravity Production Method Oil BBL Gas MCF Production 6/9/08 6/25/08 24 70 20 127 37.5 Pumping Choice Size Tbg. Press. 24 Hr. Rate Water BBL Oil BBL Gas MCF Gas : Oil Ratio Well Status Flwg. SI 3500 Producing Production - Interval B Date First Test Date Test Production Water BBL Oil Gravity Corr. API Hours Tested Oil BBL Gas MCF Gas Gravity Production Method Produced

Well Status

Tbg. Press

Flwg. SI

24 Hr. Rate

Oil BBL

Gas MCF

Water BBL

Gas : Oil Ratio

Choke

Date First Produced   Test Date   Hours Production   Dil BBL   Gas MCF   BBL   Corr. API   Gas Gravity   Production Method					
Size   Flwg.   Press.   Rate   BBL   MCF   BBL   Ratio					
28c. Production - Interval D  Date First Produced					
Choke Size Tbg. Press. Csg. Rate BBL Gas MCF BBL Gas Oil Ratio  29 Disposition of Gas (Sold, used for fuel, vented, etc.)  Sold   30. Summary of Porous Zones (Include Aquifers):  Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name					
Size   Press.   Press.   Press.   BBL   MCF   BBL   Ratio    29    Disposition of Gas (Sold, used for fuel, vented, etc.)   Sold *  30. Summary of Porous Zones (Include Aquifers):   31. Formation (Log) Markers   Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.    Formation   Top   Bottom   Descriptions, Contents, etc.   Name   Descriptions   Descriptions					
Sold*  30. Summary of Porous Zones (Include Aquifers):  Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name					
30. Summary of Porous Zones (Include Aquifers):  Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inleuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.    Formation   Top   Bottom   Descriptions, Contents, etc.   Name					
tests, inleuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name					
Rustler 1459	Top Meas. Depth				
Yates 2792					
Seven Rivers 3037					
Queen 3609					
Grayburg 3955					
San Andres 4211					
Glorieta 5463					
Blinebry 5862					
Tubb 6335					
Drinkard 6683					
Abo 6961					
32. Additional remarks (include plugging procedure):  BLINEBRY 5868-74, 5948-54, 6008-12, 6030-34, 6146-52 2 JSPF (Producing)  TUBB 6344-48, 6453-57, 6498-6504, 6582-86 2 JSPF (Behind RBP)  DRINKARD 6854-58, 6869-73, 6890-94 2 JSPF (Behind RBP)					
33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Selectrical/Mechanical Logs (1 full set req'd.)   Geological Report   DST Report   Directional Survey	•				
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instruction	18)*				
Name (please print) Sophie Mackay Title Engineering Tech					
Signature Sophie Mackey Date 06/27/2008	06/27/2008				
Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or ager States and false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.	ncy of the United				

Apache Corporation 6120 S. Yale Ste 1500 Tulsa, OK 74136

30-025-38759

LOCKHART B-24 #1 Lea County, New Mexico J- 24-219-37e 2310/5 + 2310/E

500	5.00	1/2	0.88	4.38	4.38
996	4.96	3/4	1.31	6.51	10.89
1518	5.22	3/4	1.31	6.85	17.74
2019	5.01	1/4	0.44	2.19	19.93
2520	5.01	1	1.75	8.77	28.70
3025	5.05	3/4	1.31	6.63	35.32
3514	4.89	1/2	0.88	4.28	39.60
4001	4.87	1	1.75	8.52	48.13
4505	5.04	1 1/2	2.63	13.23	61.36
4757	2.52	2	3.50	8.82	70.18
5014	2.57	1	1.75	4.50	74.67
5297	2.83	1	1.75	4.95	79.63
5801	5.04	1 1/4	2.19	11.03	90.65
5991	1.90	1 1/4	2.19	4.16	94.81
6715	7.24	3	5.25	38.01	132.82
6904	1.89	2	3.50	6.62	139.43
7155	2.51	2	3.50	8.79	148.22



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 30th day of April , 2008 by Archie Brown - General Manager, CapStar Drilling, L.P.

Notary Public