Form 3/160-5 . (April/2004)

## UNITEDSTATES

	FORMAPPROVED
	OM B No 1004-0137
_	Expires March 31, 200

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.  SUBMIT IN TRIPLICATE - Other instructions on reverse side.  1. Type of Well on the sum of the s	DEPARTMENT OF THE INTERIO	
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3180-3 (APD) for such proposals.  SUBMIT IN TRIPLICATE - Other instructions on reverse side.  7 If Unit or CA/Agreement, Name amifor No Recomplete (Compared to the Compared to the Com	BUREAU OF LAND MANAGEMEN'	25 Zenase Senai NO
SUBMIT IN TRIPLICATE - Other instructions on reverse side.  1. Type of Well On Well Gas Well Other Submitted Control of West Blinebry Drinkard Unit #066 Apache Corporation (873)  2. Nameof Operator Apache Corporation (873)  3. Addives 3. B. PhoncNo (include area code)  4. Addives 3. Addives 3. B. PhoncNo (include area code)  5. Yale Ave, Suite 1500 Tulsa OK 74136-4224 (918)491-4864  10. Field and Pool, or Exploratory Area Location of Well (Footage, Se. T. R. M. or Survey Description)  11. Sport Field Size Location of Well (Footage, Se. T. R. M. or Survey Description)  12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPEOF SUBMISSION  12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPEOF SUBMISSION  13. Describe Proposed or Completed Operation Clearly state all pertinent deaths, including estimated stating date of any proposed wink and approximate dumation thereof. If the proposal is to depen directionally for recomplete incomardly, give abarbace locations and measured and rus extract adopts of all pertinent markess and consc. Attach the Boal under which the work will be performed or provide the Boal No. on the with BLMBIA. Recumental subcognant reports shall be filled winds. Additional from the series in early dependent of permitted between the series in early dependent of the involved operations. If the operation shall not an antiplic completion or recompletion of the involved operations. If the operation shoot permitted subcognant reports shall be filled only after all requirements, including reclamation, have been completed, and the operation the death matter desires and that the size is ready from larguage composed to recomplete to permitted the permitted subcognant reports the Size Park (Park 1) and the operation state of the permitted subcognant reports absorption of the involved operation still to a matter all repairments, including reclamation, have been completed, and the operation state and repairments. Including reclamation, have been		
Type of Capture   Gas Well   Other	Do not use this form for proposals to drill or abandoned well. Use Form 3160 - 3 (APD) for	10 10 011101 011
2 Nameof Operator Apache Corporation (873) 3 Adviews 3 Ab PhoneNo (include area code) 9, API Well No 30-025-06638 10 Filed and Pool, or Exploration Area Location of Well (Footage, Sec. T. R. M. or Survey Description) 10 Field and Pool, or Exploration Area Location of Well (Footage, Sec. T. R. M. or Survey Description) 11 County or Parish, State Lea County New Mexico  12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION 12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION 13. Address 14. Acidize 15. Deepen Production (Start/Resume) 15. Subsequent Report 15. Casing Repair 16. Casing Repair 17. New Construction 18. Recomplete 19. Casing Repair 19. New Construction 19. Recomplete 19. Casing Repair 19. New Construction 19. Recomplete 10. Change Plans 19. Deepen Production (Start/Resume) 19. Subsequent Report 19. Casing Repair 19. New Construction 19. Recomplete 10. Change Plans 19. Deepen directionally or recomplete horizontally, give absurface locations and measured and true vertical depths of all pertinent markes and zones. Attach the Bond under which the work will be performed or provide the Bond No. on it lies with BIAMPIA. Required subsequent stable filed with BIAMPIA. Required subsequents and zone vinteral. A Form 31:00-4 shall be filed once testing his bone completed filed Abandoment Notices shall be filed only after all requirements, including reclamation, have been completed. Brine 30:04-3 shall be filed once testing his bone completed filed by a sharp stable filed with BIAMPIA. Required subsequent and stable filed with BIAMPIA. Required subsequent and the operator has determined that the site ready for final inspection of recomplete to include the Tubb, and re-open the Blinebry.  1		on reverse side.  7 If Unit or CA/Agreement, Name and/or No
Apache Corporation (873)  3. Address  6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224 (918)491-4864  10 Field and Rool, or Exploratory Area  Eunice; Bil-Tu-Dr., North (22900)  11 County Parish, State  Lea County  Notice of Intent    Acidize	1. Type of Well Gas Well Other	
6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224 (918)491-4864  10 Field and Fool, or Exploratory Area  Lunice; Bili-Tu-Dr, North (22900)  11 Cuntry Parsh, State  Lea County  New Mexico  12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPEOF SUBMISSION  TYPEOF ACTION    Acidize	Apache Corporation (873)	9. API Well No
Eunice; Bli-Tu-Dr, North (22900)		3)491-4864 10 Field and Pool, or Exploratory Area
Lea County   New Mexico	/	Eunice; Bli-Tu-Dr, North (22900) ✓
TYPEOF SUBMISSION    Acidize		Lea County
Acidize	12. CHECK APPROPRIATE BOX(ES)TO INDICATI	E NATURE OF NOTICE, REPORT, OR OTHER DATA
Noticeof Intent	TYPE OF SUBMISSION	TYPEOF ACTION
Subsequent Report   Change Plans   Plug and Abandon   Temporarily Abandon   Convert to Injection   Plug Back   Water Disposal	X Notice of Intent	Treat Reclamation Well Integrity
Final Abandonment Notice	Change Plans Plug and	
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 31604 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)  SEE ATTACHED FOR  CUrrent Profile:  Blinebry perforations fr/ 5610-5900', squeezed off.  Drinkard perforations fr/ 66481-6602', currently producing.  Drinkard open hole fr/ 6629-6645', below CIBP @ 6610'.  Apache proposes to re-enter the lower Drinkard, recomplete to include the Tubb, and re-open the Blinebry:  1. MIRU pulling unit. Pull production equipment. DO CIBP @ 6610'. DO cmt to TD @ 6645'.  2. Perforate Drinkard at interval selected by engineer.  3. Set packer @ +/- 6400 and acidize Drinkard perfs and open hole.  4. POOH packer. Set RBP @ +/- 6400.  5. Perforate Tubb at interval selected by engineer.  6. Set packer @ +/- 6100'. Acidize and fracture stimulate Tubb.  7. POOH packer. Reset RBP @ +/- 6000'. Perforate Blinebry at interval selected by engineer.  8. Set packer @ -/- 6100'. Acidize and fracture stimulate Blinebry.  9. POOH packer and RBP. Run production equipment.  10. Place well on production from the Blinebry-Tubb-Drinkard per R-12538.  14. Interby certify that the foregoing is true and correct Name (PrintedTyped)  Sophie Mackay  Title Engineering Tech  Title Engineering Tech  This SPACE FOR FEDERAL OR STATE OFFICE USE		
Drinkard open hole fr/ 6629-6645', below CIBP @ 6610'.  Apache proposes to re-enter the lower Drinkard, recomplete to include the Tubb, and re-open the Blinebry:  1. MIRU pulling unit. Pull production equipment. DO CIBP @ 6610'. DO cmt to TD @ 6645'.  2. Perforate Drinkard at interval selected by engineer.  3. Set packer @ +/- 6400 and acidize Drinkard perfs and open hole.  4. POOH packer. Set RBP @ +/- 6400.  5. Perforate Tubb at interval selected by engineer.  6. Set packer @ +/- 6100'. Acidize and fracture stimulate Tubb.  7. POOH packer. Reset RBP @ +/- 6000'. Perforate Blinebry at interval selected by engineer.  8. Set packer @ +/- 5500'. Acidize and fracture stimulate Blinebry.  9. POOH packer and RBP. Run production equipment.  10. Place well on production from the Blinebry-Tubb-Drinkard per R-12538.  14. I hereby certify that the foregoing is true and correct Name (PrintedTyped)  Sophie Mackay  Title Engineering Tech  Title Engineering Tech  Title Engineering Tech  Title Engineering Tech	If the proposal is to deepen directionally or recomplete horizontally, give subsulation the Bond under which the work will be performed or provide the Bond following completion of the involved operations. If the operation results in a mit testing has been completed. Final Abandonment Notices shall be filed only after determined that the site is ready for final inspection.)  Current Profile:  Blinebry perforations fr/ 5610-5900', squeezed off.	urface locations and measured and true vertical depths of all pertinent markers and zones. No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days sultiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once er all requirements, including reclamation, have been completed, and the operator has   SEE ATTACHED FOR
3. Set packer @ +/- 6400 and acidize Drinkard perfs and open hole. 4. POOH packer. Set RBP @ +/- 6400. 5. Perforate Tubb at interval selected by engineer. 6. Set packer @ +/- 6100'. Acidize and fracture stimulate Tubb. 7. POOH packer. Reset RBP @ +/- 6000'. Perforate Blinebry at interval selected by engineer. 8. Set packer @ +/- 5500'. Acidize and fracture stimulate Blinebry. 9. POOH packer and RBP. Run production equipment. 10. Place well on production from the Blinebry-Tubb-Drinkard per R-12538.  14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Sophie Mackay  Title Engineering Tech  Signature  Date 06/16/2009  THIS SPACE FOR FEDERAL OR STATE OFFICE USE	Drinkard open hole fr/ 6629-6645', below CIBP @ 661 Apache proposes to re-enter the lower Drinkard, recomp. 1. MIRU pulling unit. Pull production equipment. DO CIB	10. lete to include the Tubb, and re-open the Blinebry:
5. Perforate Tubb at interval selected by engineer. 6. Set packer @ +/- 6100'. Acidize and fracture stimulate Tubb. 7. POOH packer. Reset RBP @ +/- 6000'. Perforate Blinebry at interval selected by engineer. 8. Set packer @ +/- 5500'. Acidize and fracture stimulate Blinebry. 9. POOH packer and RBP. Run production equipment. 10.Place well on production from the Blinebry-Tubb-Drinkard per R-12538.  14	<ol> <li>Set packer @ +/- 6400 and acidize Drinkard perfs and</li> <li>POOH packer. Set RBP @ +/- 6400.</li> </ol>	d open hole.
10.Place well on production from the Blinebry-Tubb-Drinkard per R-12538.  14 Thereby certify that the foregoing is true and correct Name (Printed/Typed)  Sophie Mackay  Title Engineering Tech  Date 06/16/2009  THIS SPACE FOR FEDERAL OR STATE OFFICE USE	<ol> <li>Set packer @ +/- 6100'. Acidize and fracture stimulate</li> <li>POOH packer. Reset RBP @ +/- 6000'. Perforate Blin</li> <li>Set packer @ +/- 5500'. Acidize and fracture stimulate</li> <li>POOH packer and RBP. Run production equipment.</li> </ol>	e Tubb. nebry at interval selected by engineer. e Blinebry.
Signature	10.Place well on production from the Blinebry-Tubb-Drink	kard per R-12538.
Signature Lophiu Mackay Date 06/16/2009 APPROVED THIS SPACE FOR FEDERAL OR STATE OFFICE USE	Name (Printed/Typed)	Title Engineering Tech
	Signature Sophie Mackay	Date 06/16/2009 APPROVED
Approved by PETROLEUM ENGINEER Data JUL 1 1 2000	THIS SPACE FOR FEDERAL	OR STATE OFFICE USE
	Approved by	PETROLEUM ENGINEER DateJUL 1 7 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

WESLEY W. INGRAM PETROLEUM ENGINEER

## Present

WELL DATA SHEET Last Update: 1-19-09 Lease Name: WBDU #66 (Lockhert A-17 #3) API No: 30-025-06638

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			Csg Size: 9%	% 32. % Wt: 36	## <b>G</b> rd: <u>J-5</u>	Dpth: <u>252</u>	TOC: <u>J582 CB</u> L 2	·c)
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30/755x	A STATE OF	1742.		Pump: 2	" <u>X   "4" x</u>	16	(1-15-	09)
	\$ 1.50 e.c. \$ 7.0000			<i>(a</i>	# J-5	·-		
	7	لنست	Csg Size: 7	" Wt:_ <u>23</u>	Grd: <u>N-8</u>	o Dpth: 662	9′ Cmt: <u>500 sx</u>	
	10:0	6645´		•				

## Proposed

WELL DATA SHEET

Last Update: 6-/2-09 Lease Name: WBDU 66 (Lockhart A-17 #3) API No: 30-025-06638 1980'N/660'E Location: C-SE-NE, Sec 17 5-215, R-37E County: Lea ST: NM Spud Date: 7-7-47 Well Elev: 3473 GL 10 KB TD Date: 9-10-47 Completion Date: 9-19-47 TD: 6645' PBTD: - TOC: 3582'(CPL) Csg Size: 956 Wt: 36 Grd: J-55 Dpth: 2529 Cmt: 500 SX Producing Formation: Blinebry / Tubb / Drin Kard Perfs: From 5615 to 5895' 1/spf 6481 to 6579'-15FF
6228 to 6316' 2/spf 6629 to 45'-04 5 Q-1505x 3 Grayburg IP: BOPD BWPD MCF/D 3727,33,43 3752,59,64 Well History: (See Attached) 3770,73 59/1775X Blinebry 5610-48' 5615,24,28,40 5672,80,86,90, 50/100x < 5700,16, 5670-5720' 5816,22,26,43 5853,60,67,88 \_ 5814-5900' -5892,95 5a/1005x Tubb 6228-561 Well Equipment: 6280-6316 Pumping Unit: \_ \_ C 228-246-86 Motor Type: HP: 20 POC: Tbg:  $\frac{t}{222}$  Jts  $2^{7/8}$  Size  $\frac{6.5}{5.55}$  Grade Prinkard 6481, MA @ \_\_\_\_\_ SN @ 6600′ TAC @ 5550 ´ 6503,25,37 6557,70,79 Pump: \_\_\_ 2"x 1"4"x 16" 6000 Csg Size: 7" Wt: 23" Grd: N-80 Dpth: 6629' Cmt: 5005x TD:6645'

## West Blinebry Drinkard Unit #066 30-025-06638 Apache Corporstion July 11, 2009 Conditions of Approval

- 1. Submit documentation that the work approved to add perforations to the Grayburg formation in 2002 was completed.
- 2. Submit documentation regarding the current status of the Grayburg perforations as there is no record of these perforations being squeezed and production was still shown for them through 2008 based on MMS data. The Grayburg formation is not part of the unitized formations.
- 3. Order R-12538 placed all of the formations in one pool, but does not grant downhole commingle privileges. A sundry requesting approval to downhole commingle these formations is to be submitted and the NMOCD form filed as per Rule 19.15.12.11.E.
- 4. Work to be completed by 08/15/2009.
- 5. Install 2M BOPE and test.
- 6. Submit subsequent sundry detailing work.
- 7. Submit new completion report with details for all formations.

WWI 071109