

**RECEIVED**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**OCD-HOBBS**FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**

MAR 27 2008

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  
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
Apache Corporation3a. Address 3b. Phone No (include area code)  
6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224 (918)491-4864

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1650 FSL & 330 FEL  
UL 1, Sec 5, T 21S, R 37E

5. Lease Serial No.

NMLC 031741A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No

Hawk A-5 #5

9. API Well No.

30-025-38129

10. Field and Pool, or Exploratory Area

Blinebry O&amp;G/Tubb O&amp;G/Drinkard

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	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Completion Procedure
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat in a new interval, a Form 3160-4 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.)

The Hawk A-5 #5 was completed via the following procedure:

Perf'd Drinkard @ 6710-14, 6730-36, 6761-65, 6796-6800, 6828-32, 6848-53' w/ 2 JSPF. Acidized Drinkard w/ 3000 gals HCl. Frac'd Drinkard w/ 42K gals SS-35 and 62K # 20/40 sand.

Perf'd Tubb @ 6244-48, 6324-28, 6384-88, 6401-06, 6427-32, 6452-58' w/ 2 JSPF. Set RBP @ 6620'. Acidized Tubb w/ 3000 gals HCl. Frac'd Tubb w/ 36K gals SS-25 and 82K # 20/40 sand.

Perf'd Blinebry @ 5846-52, 5876-80, 5930-36, 5960-64, 6048-52' w/ 2 JSPF. Set RBP @ 6200'. Acidized Blinebry w/ 3000 gals HCl. Frac'd Blinebry w/ 36K gals SS-25 and 82K # 20/40 sand.

Tested zones individually to apply for DHC. Tested Blinebry. Pulled RBP @ 6200'. Tested Blinebry/Tubb. Pulled RBP @ 6620'. Put on production Blinebry/Tubb/Drinkard 11/28/2007. Apache has applied to the NMOCB Hobbs District Office for a DHC on this well.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Sophie Mackay

Title Engineering Tech

Signature

*Sophie Mackay*

Date 01/31/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

**ACCEPTED FOR RECORD**Approved by *Chris Williams*

OC DISTRICT SUPERVISOR/GENERAL MANAGER

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.

Office

MAR 25 2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**RECEIVED**  
OCD -  
12E - HOBBSFORM APPROVED  
OMB NO 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other

2. Name of Operator  
Apache Corporation

3 Address 6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224  
3 a Phone No. (Include area code) (918)491-4864

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface 1650' FSL & 330' FEL (NE1/4 SE1/4), Unit I, Sec 5, T21S, R37E

At top prod interval reported below

At total depth

14 Date Spudded 08/17/2007  
15 Date T D Reached 08/26/2007  
16 Date Completed 11/28/2007  
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 7025' TVD  
19. Plug Back T.D: MD 6978' TVD  
20 Depth Bridge Plug Set: MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
DLL/MG, SD/DSN, ISAT

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

## 23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24#	0'	1307'		650 Class C	198	0' circ	
7-7/8"	5-1/2"	17#	0'	7025'		1250 Class C	462	239' CBL	

## 24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	6910'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry C3	5776'		5846' - 6052'		53	Producing
B) Tubb C2	6266'		6244' - 6458'		62	Producing
C) Drinkard C1	6614'		6710' - 6853'		60	Producing
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5846' - 6052'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6244' - 6458'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6710' - 6853'	Acidize with 3000 gals 15% HCl. Frac with 42K gals gel & 62K # 20/40 sand.

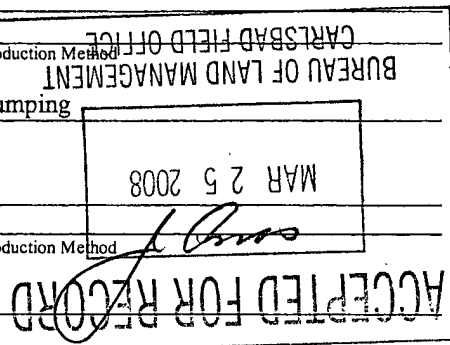
## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/28/07	12/18/07	24	→	40	130	53	36.8		Pumping
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→				3250	Producing	

## Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on page 2)



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29 Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

## 30 Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
Rustler	1305'				
Yates	2716'				
Seven Rivers	2930'				
Queen	3501'				
Grayburg	3802'				
San Andres	4089'				
Glorieta	5272'				
Blinberry	5776'				
Tubb	6266'				
Drinkard	6614'				
Abo	6875'				

## 32. Additional remarks (include plugging procedure):

BLINEBRY 5846-52, 5876-80, 5930-36, 3960-64, 6048-52 2 JSPF  
 TUBB 6244-48, 6324-28, 6384-88, 6401-06, 6427-32, 6452-58 2 JSPF  
 DRINKARD 6710-14, 6730-36, 6761-65, 6796-6800, 6828-32, 6848-53 2 JSPF

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.) 
 ☐ Geological Report 
 ☐ DST Report 
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification 
 ☐ Core Analysis 
 ☐ Other

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Sophie Mackay Title Engineering Tech

Signature *S. Mackay* Date 01/31/2008

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 agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.