

OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. NMLC-029435B	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____										6. If Indian, Allottee or Tribe Name	
2. Name of Operator APACHE CORPORATION										7. Unit or CA Agreement Name and No.	
3. Address 303 VETERANS AIRPARK LN. STE 3000 MIDLAND TX, 79705						3a. Phone No. (include area code) 432.818.1065		8. Lease Name and Well No. NFE FEDERAL #6			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 1650' FSL & 990' FEL At surface  At top prod. interval reported below  At total depth										9. AFI Well No. 30-015-37361	
14. Date Spudded 01/09/2011										15. Date T.D. Reached 01/19/2011	
16. Date Completed 02/22/2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.										10. Field and Pool or Exploratory CEDAR LAKE; GLORIETA YESO 96831	
18. Total Depth: MD 6430' TVD										19. Plug Back T.D.: MD 6373' TVD	
20. Depth Bridge Plug Set: MD TVD										11. Sec., T., R., M., on Block and Survey or Area SEC 8, T17S, R31E	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL/MLL, GR, CS/SGR										12. County or Parish EDDY CT	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)										13. State NM	
23. Casing and Liner Record (Report all strings set in well)										17. Elevations (DF, RKB, RT, GL)* 3812' KB	
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
17.5	13.375/H40	48#	0'	473'		500 sx/CI C		Surface			
11	8.625/J55	24#	0'	1670'		450 sx/CI C		Surface			
7.875	5.5/J55	17#	0'	6430'		550 sx/CI C		Surface			
"	"	"	"	"		500 sx/CI C		Surface			
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	6357.44										
25. Producing Intervals										26. Perforation Record	
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status					
A) Paddock	4832'		5669-5864'		24	Producing					
B) Tubb	6109'		5961-6229'		28	Producing					
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval	Amount and Type of Material										
5961-6229'	Acidize w/2735 gal 15% NEFE, Frac w/106,511 gal 20# w/210k 16/30 wht sd										
5669-5864'	Acidize w/2500 gal 15% NEFE, Frac w/131,405 gal 20# w/166k 16/30 wht sd										
28. Production - Interval A										BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
2/22/11	3/19/11	24	→	13	14	378	38.6		Pumping		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
			→				1077				
28a. 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 (Solid, used for fuel, vented, etc.)

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

Show all important zones of 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	391'				
YATES	1664'				
SEVEN RIVERS	1943'				
QUEEN	2556'				
SAN ANDRES	3263'				
GLORIETA	4774'				
Paddock TUBB	4832' 6264'				

32. Additional remarks (include plugging procedure):

Bureau of Land Management  
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MAR 24 2011

Carlsbad Field Office  
Carlsbad, N.M.

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

- ☒ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic 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) KATIE KAUFFMAN

Title ENG TECH

Signature

Katie Kauffman

Date 03/21/2011

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

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