

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM 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						8. Lease Name and Well No. NFE FEDERAL #002			
3a. Phone No. (include area code) 432.818.1065						9. AFI Well No. 30-015-37354			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 330' FSL & 1650' FWL UL:N SEC8, T17S, R31E At surface At top prod. interval reported below At total depth						10. Field and Pool or Exploratory CEDAR LAKE; GLORIETA YESO			
11. Sec., T., R., M., on Block and Survey or Area SEC8,T17S,R31E						12. County or Parish EDDY		13. State NM	
14. Date Spudded 01/22/2011						15. Date T.D. Reached 01/30/2011		16. Date Completed 03/01/2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
17. Elevations (DF, RKB, RT, GL)* 3723' KB									
18. Total Depth: MD 6251' TVD						19. Plug Back T.D.: MD 6207' TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SGR, DLL, CNPD						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)			
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
17.5	13.375/H40	48#	0'	464'		470sx/CL C		SURF	
11	8.625/J55	24#	0'	1548'		650sx/CL C		SURF	
7.875	5.5/J55	17#	0'	6251'	STAGE 1	470 sx/CL C		SURF	
					STAGE 2	500 sx/CL C		SURF	
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	5928								
25. Producing Intervals									
Formation		Top	Bottom	Perforation Record		Size	No. Holes	Perf. Status	
A) PADDOCK		4832'		5878-6058'			20	PRODUCING	
B)				5589-5781'			22	PRODUCING	
C)									
D)									
26. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5878-6058'		ACIDIZE W/2700 GAL 15% NEFE, FRAC W/94,710 GAL 20# W/119,120 16/30 WHT SD							
5589-5781'		ACIDIZE W/3K GAL 15% NEFE, FRAC W/93,167 GAL 20# W/136K 16/30 WHT SD							
27. 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
3/1/2011	3/20/11	24	→	19	48	430	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	
			→						
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)

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ACCEPTED FOR RECORD

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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	318'				
YATES	1522'				
SEVEN RIVERS	1799'				
QUEEN	2429'				
SAN ANDRES	3124'				
GLORIETA	4609'				
PADDOCK TUBB	4664' 6109'				

32. Additional remarks (include plugging procedure):

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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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