

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
NMOCD ARTESIA

RECEIVED
FEB 05 2013

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

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

2. Name of Operator
Apache Corporation (873)

3. Address 303 Veterans Airpark Ln., Ste. 3000
Midland, TX 79705

3a. Phone No. (include area code)
(432) 818-1015

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
990' FSL & 330' FEL UL:P Sec:18 T:17S R:31E
At surface
At top prod. interval reported below
At total depth

5. Lease Serial No.
NMLC-029395A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Tony Federal #45 (308738)

9. API Well No.
30-015-40390

10. Field and Pool or Exploratory
Cedar Lake; Glorieta-Yeso (96831)

11. Sec., T., R., M., on Block and
Survey or Area UL:P Sec:18 T:17S R:31E

12. County or Parish
Eddy

13. State
NM

14. Date Spudded
09/27/2012

15. Date T.D. Reached
10/06/2012

16. Date Completed
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3695' GL

18. Total Depth: MD 6400'
TVD

19. Plug Back T.D.: MD 6375'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Dig. Acous/DLL/CNL/CAL

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48#		341'		505 sx Class C		Surface	
11-1/2"	8-5/8"	32#		3515'		1340 sx Class C		Surface	
7-7/8"	5-1/2"	17#		6400'		1170 sx Class C		500'	

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"	6320'								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Blinebry/Tubb	5213'/6137'			5824'-6290'	1 SPF	25 holes	Producing
B) Upper Blinebry	5213'			5130'-5738'	1 SPF	27 holes	Producing
C) Glorieta/Paddock	4561'/4619'			4581'-4987'	1 SPF	24 holes	Producing
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Amount and Type of Material
Depth Interval		
5824'-6290'		159,504 gals 20#, 199,397# sand, 4802 gals acid, 4746 gals gel
5130'-5738'		177,072 gals 20#, 218,780# sand, 4360 gals acid, 3948 gals gel
4581'-4987'		155,274 gals 20#, 184,280# sand, 3908 gals acid, 4410 gals gel

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 Pump
12/07/12	12/24/12	24	→	185	409	203	38.8		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				2211	Producing	

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)

RECLAMATION
DUE 6-7-13

ACCEPTED FOR RECORD
FEB 2 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

amw

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.)
Sold

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
				Yates Seven Rivers	1456' 1755'
				Bowers-SD Queen	2134' 2362'
				Grayburg San Andres	2700' 3080'
				Glorieta Paddock	4561' 4619'
				Yeso Blinbry	4619' 5213'
				Tubb	6137'

32. Additional remarks (include plugging procedure):

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: OCD Forms C-102, C-104, Frac Disclosure

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) Fatima VasquezTitle Regulatory Tech ISignature Date 01/21/2013

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.