

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-0029395A	
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,										6 If Indian, Allottee or Tribe Name	
Other _____										7 Unit or CA Agreement Name and No	
2 Name of Operator APACHE CORPORATION										8 Lease Name and Well No TONY FEDERAL #34	
3 Address 303 VETERANS AIRPARK LN STE 3000 MIDLAND TX, 79705						3a Phone No (include area code) 432.818.1065		9 AFI Well No 30-015-39342			
4 Location of Well (Report location clearly and in accordance with Federal requirements)* 1120' FSL & 1345' FEL, SEC 18, T17S, R31E, NMPM At surface										10 Field and Pool or Exploratory CEDAR LAKE, GLORIETA-YESO	
At top prod interval reported below										11 Sec, T, R, M, on Block and Survey or Area SEC18, T17S, R31E	
At total depth										12 County or Parish EDDY	
										13 State NM	
14 Date Spudded 09/21/2011				15 Date T D Reached 08/26/2011				16 Date Completed 10/31/2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 Elevations (DF, RKB, RT, GL)* 3708' GR	
18 Total Depth MD 6416 TVD				19 Plug Back T D MD 6384 TVD				20 Depth Bridge Plug Set MD TVD			
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) QUAD COMBO										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 checked="" type="checkbox"/> No <input 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 Cased	<div>RECEIVED DEC 28 2011 Accepted for record NMOCD ARTESIA NMOCD 10/31/11</div>	
17.5	13.37 - H-40	48	0	370	CIRC SURF	1193 C					
11	8.625 - J-55	32	0	3525	CIRC SURF	1350 C					
7.875	5.5 - J-55	17	0	6416	CIRC SURF	1000 C					
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	6364										
25 Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status			
A) LWR BLINEBRY				5803-6297			28	PRODUCING			
B) PADDOCK				4640-4994			23	PRODUCING			
C) UPPER/MIDDLE BLINEBRY				5204-5608			27	PRODUCING			
D)											
27 Acid, Fracture, Treatment, Cement Squeeze, etc											
Depth Interval		Amount and Type of Material									
5803-6297		Acidize w/3000 gals 15% NEFE W/56 BS, Frac w/174115 gals 18#, w/163K 20/40 WHT SD.									
4640-4994		Acidize w/2226 gals 15% NEFE w/46 BS, Frac w/110670g acid, gals 18# w/139.2K 20/40 WHT SD.									
5204-5608		Acidize w/2630gals 15% NEFE w/54 BS, Frac w/184330 gals 18# acid w/1955K# 16/30 WHT SD.									
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 PUMPING		
10/31/11	12/01/11		→	117	277	266	37.4				
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status P	<div>ACCEPTED FOR RECORD DEC 23 2011 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE</div>		
			→				2087				
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
YATES	1636				
7 RIVERS 2ND BSPG SD	1984 7241				
CISCO A QUEEN	9142 2646				
SAN ANDRES	3046				
GLORIETA	4877				
YESO RUSTLER	4958 328				
TUBB PADDOCK	6145 4958				

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

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) BEV HATFIELD

Title SR STAFF REGULATORY TECH

Signature

Date 12/07/2011

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

(Continued on page 3)

(Form 3160-4, page 2)

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1501 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV
14885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-0-15-39342	Pool Code 96831	Pool Name Cedar Lake; Glorieta Yeso
Property Code 308738	Property Name TONY FEDERAL	Well Number 034
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3708'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	18	17-S	31-E		1120	SOUTH	1345	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>LOT 1</p> <p>31.99 AC. LOT 2</p> <p>32.10 AC. LOT 3</p> <p>32.20 AC. LOT 4</p> <p>32.31 AC.</p>	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=666004.0 N X=631780.7 E</p> <p>LAT.=32.830196° N LONG.=103.904318° W LAT.=32° 49' 49" N LONG.=103° 54' 15" N</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> Signature Date 6-6-11</p> <p>Bev Hatfield Printed Name</p> <p>beverly.hatfield@apache E-mail Address corp.com</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JUNE 28, 2011</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor:</p> <p>RONALD J. EIDSON Certificate Number 3239 Gary G. Eidson 12641 Ronald J. Eidson 3239 DSS NEW MEXICO W O 11.11.1175</p>
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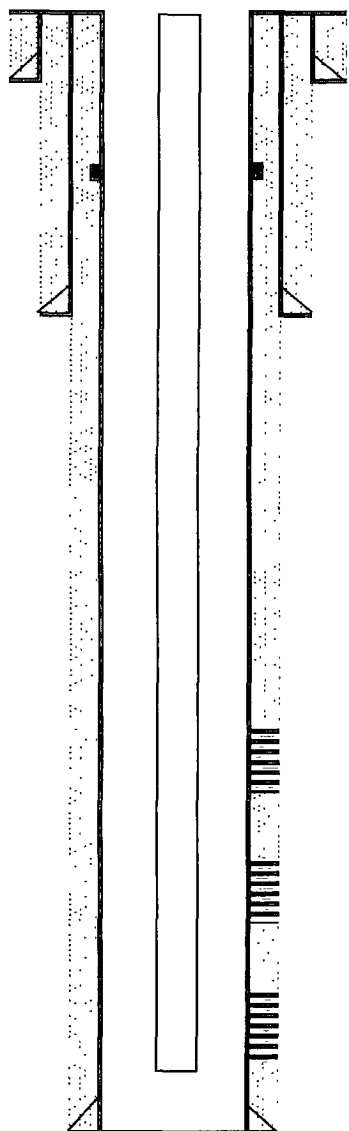
30-015-39342

Apache Corp.

GROUP: Permian North
FIELD: Cedar Lake
LEASE/UNIT: Tony Federal
COUNTY: Eddy County
API #: 30-015-39342

DATE: Nov. 08, 2011
BY: SNH
WELL: #34
STATE: New Mexico

KB = 13'
GL = 3708'



13-3/8" J-55 48# set @ 370'
cmt w/ 600 sx to surface

DV Tool @ 1820'

8 5/8" J-55 32# set @ 3525'
cmt w/ 1350 sx to surface

2-7/8" J-55 8rd EUE 6.5# TBG @ 6364'

10/11: PADDOCK
4640'-4994' (1 JSPF, 23 holes)

10/11: UPPER/MIDDLE BLINEBRY
5204'-5608' (1 JSPF, 27 holes)

10/11: LOWER BLINEBRY/TUBB
5803'-6297' (1 JSPF, 28 holes)

5-1/2" J-55 17# set @ 6416'
cmt w/ 1000 sx to surface

TD = 6416'
PBD = 6384'

OPERATOR Apache
WELL/LEASE Tony Fed 34
COUNTY Eddy

STATE OF NEW MEXICO
DEVIATION REPORT

30-015-39342

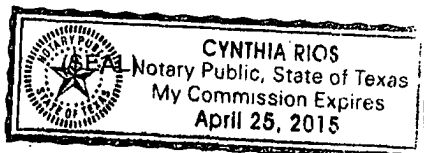
195	0.75
300	1.00
558	0.90
796	1.10
1050	1.90
1336	1.80
1588	0.80
1843	0.30
2097	0.20
2351	0.40
2603	0.40
2859	0.20
3113	0.30
3367	0.40
3727	0.80
3815	1.00
3981	0.20
4107	0.70
4234	0.40
4350	0.30
4605	0.30
4725	0.80
4859	0.30
4996	0.40
5122	0.60
5249	0.20
5375	0.60
5492	0.10
5619	0.80
5778	0.60
5936	0.50
6053	0.30
6254	0.20

SIGNED BY: 

JAMES F. NEWMAN, VP-PERMIAN BUSINESS UNIT

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS and DAY OF November, 2011, BEFORE ME, C RIOS, A NOTARY
PUBLIC, PERSONALLY APPEARED JAMES F. NEWMAN, WHO ACKNOWLEDGED AND EXECUTED
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.




NOTARY PUBLIC