

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 ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resrvr,
Other _____

2 Name of Operator
APACHE CORPORATION

3 Address 303 VETERANS AIRPARK LN STE 3000 MIDLAND TX, 79705

3a Phone No (include area code)
432.818.1065

4 Location of Well (Report location clearly and in accordance with Federal requirements)*

SEC 19 T17S R31E SWNE LOT G, 1810' FNL & 1650' FEL

At surface

At top prod interval reported below

At total depth

14 Date Spudded
08/29/201115 Date T D Reached
09/13/201116 Date Completed
☐ D & A ☒ Ready to Prod17 Elevations (DF, RKB, RT, GL)*
3632 GL18 Total Depth MD 6415'
TVD19 Plug Back T.D MD 6379'
TVD20 Depth Bridge Plug Set MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

QUAD COMBO

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 Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.5	13-3/8 H-40	48#		388		1287 SX CL C		SURF	
11	8-5/8 J-55	32#		3502		1650 50/50 POZ		SURF	
7.875	5-1/2 J-55	17#		6415		1000 50/50 POZ		SURF	

Accepted for record
NMOCD

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	6379							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) LWR BLINEBRY/TUBB			5806-6326	3-1/8" GUN	26	OPEN
B) UP/MID BLINEBRY			5100-5647	3-1/8" GUN	28	OPEN
C) PADDOCK			4603-4870	3-1/8" GUN	16	OPEN
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5806-6326	ACIDIZE W/3500 GALS 15% NEFE; FRAC WITH 205,000 GALS FRAC FLUID
5100-5647	ACIDIZE W/3516 GALS 15% NEFE; FRAC WITH 232,000 GALS FRAC FLUID
4603-4870	ACIDIZE W/3000 GALS 15% NEFE; FRAC WITH 140,250 GALS FRAC FLUID

RECLAMATION
DUE 4-21-12

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
10/21/11	10/28/11	24	→	129	512	427	38.6		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				3969		

ACCEPTED FOR RECORD

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	
			→						

DEC 10 2011

RECEIVED

DEC 14 2011

NMOCD ARTESIA

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(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	335			TOPS CONT GLORIETA	4532
SALT	492			YESO	4587
B/SALT	1197				
YATES	1350				
SEVEN RIVERS	1669				
QUEEN	2283				
SAN ANDRES	3051				

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 11/29/2011

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)

OPERATOR Apache
WELL/LEASE Tony Federal 35
COUNTY Eddy

30-015-39225

STATE OF NEW MEXICO
DEVIATION REPORT

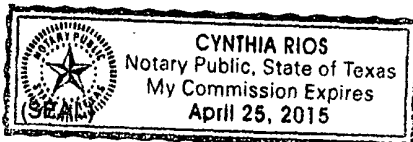
76	0.50
239	1.00
296	1.00
417	0.50
676	0.75
827	1.00
1019	1.50
1179	1.50
1338	1.25
1497	1.25
1748	1.25
1907	1.00
2099	1.25
2258	1.25
2446	1.25
2605	0.25
2923	1.00
3082	1.25
3238	0.50
3460	0.75
3549	0.75
3866	1.00
4087	0.50
4372	0.50
4595	0.50
4870	0.50
5158	0.75
5452	0.75
5664	1.00
5949	1.00
6207	1.00

SIGNED BY: *James F. Newman* 10/15/11

JAMES F. NEWMAN, VP-PERMIAN BUSINESS UNIT

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 15 DAY OF October, 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.



Cynthia Rios
NOTARY PUBLIC

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

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

DISTRICT IV
11120 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

11120 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

'As DRILLED'

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30 015 39225	Pool Code 96831	Pool Name Cedar Lake ; Glorieta-Yeso
Property Code 308738	Property Name TONY FEDERAL	Well Number 035
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3632'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	19	17-S	31-E		1810	NORTH	1650	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>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>Signature: <i>Ben Hatfield</i> Date: 11/29/11</p> <p>Printed Name: Ben Hatfield</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>DECEMBER 22, 2010</p> <p>Date Surveyed: _____</p> <p>Signature & Seal of Professional Surveyor: <i>Ronald G. Eidson</i> 12/22/2010</p> <p>Certificate No. GARY G. EIDSON 12641 RONALD G. EIDSON 3239</p>

HOBBS OCD

DEC 01 2011

RECEIVED

OPERATOR Apache
WELL/LEASE Tony Federal 35
COUNTY Eddy

30-015-39225

STATE OF NEW MEXICO
DEVIATION REPORT

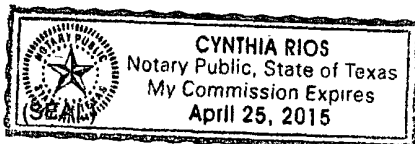
76	0.50
239	1.00
296	1.00
417	0.50
676	0.75
827	1.00
1019	1.50
1179	1.50
1338	1.25
1497	1.25
1748	1.25
1907	1.00
2099	1.25
2258	1.25
2446	1.25
2605	0.25
2923	1.00
3082	1.25
3238	0.50
3460	0.75
3549	0.75
3866	1.00
4087	0.50
4372	0.50
4595	0.50
4870	0.50
5158	0.75
5452	0.75
5664	1.00
5949	1.00
6207	1.00

SIGNED BY:

James F. Newman 10/15/11
JAMES F. NEWMAN, VP-PERMIAN BUSINESS UNIT

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 15 DAY OF October, 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.



Cynthia Rios
NOTARY PUBLIC

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised October 15, 2009

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address APACHE CORPORATION 303 VETERANS AIRPARK LN. STE 3000 MIDLAND, TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW 10-21-2011
⁴ API Number 30-015-39225	⁵ Pool Name CEDAR LAKE;GLORIETA-YESO	
		⁶ Pool Code 96831
⁷ Property Code 308738	⁸ Property Name TONY FEDERAL	⁹ Well Number 035

II. ¹⁰ Surface Location

UL or lot no. G	Section 19	Township 17S	Range 31E	Lot Idn	Feet from the 1810	North/South Line N	Feet from the 1650	East/West line E	County EDDY
--------------------	---------------	-----------------	--------------	---------	-----------------------	-----------------------	-----------------------	---------------------	----------------

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code P	¹³ Producing Method Code pmpg	¹⁴ Gas Connection Date 10-21-2011	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

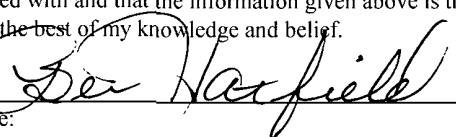
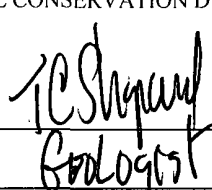
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
221115	FRONTIER FIELD SERVICES, LLC 4200 E. SKELLY DR. STE 700 TULSA, OK 74135	G
15694	NAVAJO REFINING CO PO BOX 159 ARTESIA, NM 88211	O

IV. Well Completion Data

²¹ Spud Date 8/29/2011	²² Ready Date 10/21/2011	²³ TD 6415'	²⁴ PBTD 6379'	²⁵ Perforations 4603-4870' 5100- 5647' 5806-6326'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	388'	1287 SX 10 SX TO SURF		
11	8.625	3502'	1 st stage Lead 280 Tail 100 circ 30 sx 2 nd 935 sx didn't circ; pmpd 400 sx dwn backside		
7.875	5.5	6415'	1000 SX CIRC 56 SX TO SURF		
	2 7/8	6379'			

V. Well Test Data

³¹ Date New Oil 10/21/2011	³² Gas Delivery Date 10/21/2011	³³ Test Date 11/28/2011	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 129	³⁹ Water 427	⁴⁰ Gas 512		⁴¹ Test Method PMPING

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: BEV HATFIELD		Approved by: 	
Title: SR STAFF REGULATORY TECH		Title: Geologist	
E-mail Address: BEVERLY.HATFIELD@APACHECORP.COM		Approval Date: 12/19/2011	
Date: 11/29/2011	Phone: 432.818.1906		