

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

5 Lease Serial No.  
NMLC-0029395B1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resrv,  
Other \_\_\_\_\_

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

2 Name of Operator  
APACHE CORPORATION8 Lease Name and Well No.  
LEE FEDERAL (308720) 042

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

3a Phone No (include area code)  
432.818.19069 AFI Well No  
30-015-39223

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

At surface 425 FSL 2185 FEL SEC 17 T17S R31E NMPM

At top prod interval reported below

At total depth

14 Date Spudded  
08/06/201115 Date T D Reached  
08/15/201116 Date Completed 09/27/2011  
☐ D & A ☒ Ready to Prod17 Elevations (DF, RKB, RT, GL)\*  
3677' GR18 Total Depth MD 6428'  
TVD19 Plug Back T D MD 6381'  
TVD20 Depth Bridge Plug Set MD  
TVD

21 Type Electric &amp; 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
17.00	13-3/8 H40	48	0'	377		450 CL C		CIRC SURF	41 SX
11.00	8-5/8 J55	24	0'	1490		481 CL C		CIRC SURF	61 SX
7.875	5.5 J55	17		6428	STAGE 1	580 POZ 50/50		CIRC SURF	52 SX
					STAGE 2	580 65/35 MIX			
					TAIL	175 POZ 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	6238.25							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) LOWER BLINEBRY			5727-6098		27	PRODUCING
B) UPPER BLINEBRY			5173-5610		25	PRODUCING
C) PADDOCK			4594-5006		31	PRODUCING
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5727-6098	AT w/3500 gal 15% NEFE HCL w/40 BS, Frac w/154,183 gals 20% w/206,300# 16/30 wht sd
5173-5610	AT w/4016 gals 15% HCL w/50 BS, Frac w/168,847 20# w/196,900# 16/30 wht sd
4594-5006	AT w/3000 gals 15% HCL w/62 BS, Frac w/194903 20# w/197800# 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
9-27-11	10-3-11	24 HRS	→	106	175	426	39.2		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)

RECLAMATION  
DUE 3-27-12

ACCEPTED FOR RECORD

OCT 26 2011

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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	270				
YATES	1471				
SEVEN RIVERS	1759				
QUEEN	2364				
SAN ANDRES	3066				
GLORIETA	4584				
PADDOCK TUBB	4654 6097				

32 Additional remarks (include plugging procedure)

**Bureau of Land Management**  
**RECEIVED**

OCT 14 2011

**Carlsbad Field Office**  
**Carlsbad, NM**

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 HATEFIELD

Title SR STAFF ENGINEERING TECH

Signature

Date 10/13/2011

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)