

*Well File*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED OOD

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv. - 5 P 2: 24  
 Other: \_\_\_\_\_

2. Name of Operator  
APACHE CORPORATION

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

3a. Phone No. (include area code)  
432.818.1906

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
BIRDIE FEDERAL #017 (308707)

9. APL Well No.  
30-015-39221

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
2435' FNL & 1055' FEL  
At surface

At top prod. interval reported below

At total depth

10. Field and Pool or Exploratory  
LOCO HILLS; GLORIETA YESO<96718>

11. Sec., T., R., M., on Block and Survey or Area SEC17, T17S, R30E

12. County or Parish  
EDDY

13. State  
NM

RECEIVED  
JUL 15 2013  
NMOCD ARTESIA

14. Date Spudded  
07/22/2011

15. Date T.D. Reached  
08/02/2011

16. Date Completed 09/02/2011  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3677' GR

18. Total Depth: MD 6454'  
TVD

19. Plug Back T.D.: MD 6300'  
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?  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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.00	13-3/8 H40	48	0'	377'		450 CL C		CIRC SURF	115 SX
11.00	8-5/8 J55	24	0'	1155		470 CL C		CIRC SURF	55 SX
7.875	5.5 J55	17		6454	STAGE 1	600 POZ 50/50		CIRC SURF	43 SX
					STAGE 2	450 65/35 MIX			
					TAIL	175 50/50 MIX		CIRC SURF	19 SX

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	5535.79							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY			4882-5382		30	PRODUCING
B) PADDOCK/GLORIETA			4199-4582		30	PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
4882-5382	AT w/3500 gal 15% NEFE HCL w/60 BS, Frac w/208,740 gals 20% w/255.0k 16/30 wht sd
4199-4582	AT w/1688 gals 15% HCL w/60 BS, Frac w/196,308 20# w/240.0k 16/30 wht sd

RECLAMATION  
DUE 2-2-12

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
9/2/2011	9-8-11	24 HRS	→	20	130	126	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	
			→				6.500		Pmpg

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	
			→						

ACCEPTED FOR RECORD

OCT 25 2011

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

\*(See instructions and spaces for additional data on page 2)

*9W*

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					
YATES	1191				
SEVEN RIVERS	1464				
QUEEN	2364				
SAN ANDRÉS	2753				
GLORIETA	4193				
PADDOCK	4248				
TUBB	5733				

32. Additional remarks (include plugging procedure):

Grayburg 2070  
Blinberry 4752

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 HATFIELD

Title SR STAFF ENGINEERING TECH

Signature

*Bev Hatfield*

Date 09/02/2011

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.