

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ARTESIA DISTRICT  
AUG 10 2015

OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029426B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
CROW FEDERAL SWD 1

9. API Well No.  
30-015-42469

10. Field and Pool, or Exploratory  
SWD;DEVONIAN-ELLENBERGER

11. Sec., T., R., M., or Block and Survey  
or Area Sec 9 T17S R31E Mer

12. County or Parish  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3909 GL

1a. Type of Well  Oil Well  Gas Well  Dry  Other: INJ

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
APACHE CORPORATION

Contact: REESA FISHER  
E-Mail: reesa.fisher@apachecorp.com

3. Address 303 VETERANS AIRPARK LN  
MIDLAND, TX 79705

3a. Phone No. (include area code)  
Ph: 432-818-1062

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

At surface NENE 890FNL 625FEL *THIS IS AN SWD WELL -*

At top prod interval reported below NENE 890FNL 625FEL *R2DMS & STOWS*

At total depth NENE 890FNL 625FEL *OIL WELL*

14. Date Spudded  
09/02/2014

15. Date T.D. Reached  
11/05/2014

16. Date Completed  
 D & A  Ready to Prod.

18. Total Depth: MD 14000  
TVD

19. Plug Back T.D.: MD 13914  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CH 1 MD-NL/GR CCL/RCBL

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

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 Pulled
17.500	9.625 H-40	48.0		600		580		0	
12.500	9.625 J-55	40.0		4490		2350		0	
8.750	7.000 P-110	29.0		13960		1700		2420	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
4.500	13263	13250						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DEVONIAN	13080		13300 TO 13500	2.000	400	SI
B)			13720 TO 13840	2.000	240	SI
C)						
D)						

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

Depth Interval	Amount and Type of Material
13300 TO 13840	30,660 GALS 15% HCL NEFE ACID

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
			→						
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	
			→						

ACCEPTED FOR RECORD

AUG 14 2015

REESA FISHER

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #309781 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

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(Sold, used for fuel, vented, etc.)  
UNKNOWN

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	532	680	SS/ANHYDRITE - N/A	RUSTLER	532
YATES	1868	2146	SS/ANHYDRITE - OIL, GAS & WATER	YATES	1868
WOLFCAMP	8746	11012	CARBONATE/SHALE-OIL, GAS & WATER	WOLFCAMP	8746
STRAWN	11012	11259	SHALE - OIL, GAS & WATER	STRAWN	11012
ATOKA	11259	11507	SANDSTONE - OIL, GAS & WATER	ATOKA	11259
MORROW	11507	12017	CARBONATE/SHALE-OIL, GAS & WATER	MORROW	11507
MISSISSIPPIAN	12017	13080	CARBONATE - OIL, GAS & WATER	MISSISSIPPIAN	12017
DEVONIAN	13080		CARBONATE - OIL, GAS & WATER	DEVONIAN	13080

32. Additional remarks (include plugging procedure):  
Attachments - OCD Forms C-102 & C-104. Logs mailed 03/20/2015.

Tansil Salt 680'-1306' Salt - N/A  
 Bottom Salt 1306'-1868' Salt - N/A.  
 Seven Rivers 2146'-2761' Sandstone/Carbonate - Oil, Gas & Water  
 Queen 2761'-3495' Sandstone/Carbonate - Oil, Gas & Water  
 San Andres 3495'-4999' Carbonate - Oil, Gas & Water  
 Gloriaeta 4999'-5049' Sandstone - Oil, Gas & Water

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #309781 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) REESA FISHER Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission) Date 07/21/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #309781 that would not fit on the form**

**32. Additional remarks, continued**

Paddock	5049'-5687'	Dolomite - Oil, Gas & Water
Blinebry	5687'-6455'	Dolomite - Oil, Gas & Water
Tubb	6455'-7136'	Sandstone/Carbonate - Oil, Gas & Water
Abo	7136'-8746'	Carbonate - Oil, Gas & Water

\*SS - Sandstone

\*Devonian - didn't drill far enough to get bottom depth of Blinebry