

District I
1615 N. Frenzh Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 1, 2011

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. MIDLAND TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW - 6/11/14
⁴ API Number 30 - 015-41942	⁵ Pool Name FREN; GLORIETA - YESO	⁶ Pool Code 26770
⁷ Property Code 30871	⁸ Property Name CROW FEDERAL	⁹ Well Number 26H

II. ¹⁰ Surface Location

UL or lot no. H	Section 10	Township 17S	Range 31E	Lot Idn	Feet from the 1650	North/South Line NORTH	Feet from the 330	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. E	Section 10	Township 17S	Range 31E	Lot Idn	Feet from the 1643	North/South line NORTH	Feet from the 332	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 6-11-14	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
252293	HOLLY ENERGY PIPELINE 311 W QUAY ARTESIA NM 88210	O
22115	FRONTIER FIELD SERVICES LLC 4200 EAST SKELLY DRIVE STE. 700 TULSA OK 74135	G
NM OIL CONSERVATION ARTESIA DISTRICT JAN 05 2015 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 3/29/14	²² Ready Date 6/11/14	²³ TD 10251/5799	²⁴ PBTD	²⁵ Perforations 6073 - 10,180	²⁶ DHC, MC
²⁷ Hole Size 17 1/2	²⁸ Casing & Tubing Size 13 3/8 H-40	²⁹ Depth Set 702	³⁰ Sacks Cement 760 SX CC		
11	8 5/8 J-55	3502	1210 SX CC; 35/65 POZ C		
7 7/8	5 1/2 J-55	10251	1640 SX CC; 35/65 POZ H		
TUBING	2 3/8	5303			

V. Well Test Data

³¹ Date New Oil 7/2/14	³² Gas Delivery Date 7/2/14	³³ Test Date 8/27/14	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 586	³⁹ Water 2185	⁴⁰ Gas 226		⁴¹ Test Method P

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: Sandra J. Belt

Printed name:
SANDRA J. BELT

Title:
SR. REGULATORY ANALYST

E-mail Address:
Sandra.belt@apachecorp.com

Date: 12/30/14
Phone: 432-818-1962

OIL CONSERVATION DIVISION

Approved by: [Signature]

Title: Dist J Sepewiso

Approval Date: 1/8/2015

Pending BLM approvals will
subsequently be reviewed
and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 05 2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM 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			6. If Indian, Allottee or Tribe Name		
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. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator APACHE CORPORATION Contact: SANDRA J BELT E-Mail: sandra.belt@apachecorp.com			8. Lease Name and Well No. CROW FEDERAL 26H		
3. Address 303 VETERANS AIRPARK LN. MIDLAND, TX 79705			9. API Well No. 30-015-41942		
3a. Phone No. (include area code) Ph: 432-818-1962			10. Field and Pool, or Exploratory FREN; GLORIETA-YESO		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 1650FSL 330FEL 32.851740 N Lat, 103.849470 W Lon At top prod interval reported below SWNW 1643FNL 332FWL At total depth SENE 1650FSL 330FEL 32.851740 N Lat, 103.849470 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R31E Mer		
14. Date Spudded 03/29/2014		15. Date T.D. Reached 04/12/2014		12. County or Parish EDDY	
				13. State NM	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/11/2014		17. Elevations (DF, KB, RT, GL)* 3941 GL			
18. Total Depth: MD 10251 TVD 5799		19. Plug Back T.D.: MD TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNGR/CCL; MWD GAMMA				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 analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0		702		760	181	0	
11.000	8.625 H-40	32.0		3502		1210	364	0	
7.875	5.500 L-80	17.0		10251		1640	474	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5303							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	6073	9900	6073 TO 9900	0.400	40	PRODUCING
B) PADDOCK	9962	10180	9962 TO 10180	0.400	520	PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
6073 TO 10180	2,478 BBLs. ACID; 2,539,360 LBS. TOTAL PROPPANT; 61,290 BBLs. FLUID

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
07/02/2014	08/27/2014	24	→	586.0	226.0	2185.0	38.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
				586	226	2185	386	POW	

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	Well Status
			→						
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 reverse side)

ELECTRONIC SUBMISSION #286457 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

ADD 1/8/15
Pending BLM approvals will
subsequently be reviewed
and scanned

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.)
SOLD

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	598	747	SANDSTONE/ANHYDRITE	RUSTLER	598
TANSIL SALT	747	1804	SALT	TANSIL SALT	747
BOTTOM SALT	1804	1939	SALT	BOTTOM SALT	1804
YATES	1939	2225	SANDSTONE/ANHYDRITE	YATES	1939
SEVEN RIVERS	2225	2852	SANDSTONE & CARBONATE O/G/W	SEVEN RIVERS	2225
QUEEN	2852	3265	SANDSTONE & CARBONATE O/G/W	QUEEN	2852
GRAYBURG	3265	3608	CARBONATE O/G/W	GRAYBURG	3265
SAN ANDRES	3608	5074	CARBONATE O/G/W	SAN ANDRES	3608

32. Additional remarks (include plugging procedure):

Item 51 Continued: Glorieta 5074 5167 Sandstone O/G/W
Paddock 5167 5755 Dolomite O/G/W
Blaineby 5755 N/A Dolomite O/G/W

Item 52 Continued: Glorieta 5074
Paddock 5167
Blaineby 5755

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 #286457 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) SANDRA J BELT

Title SR. REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/30/2014

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 #286457 that would not fit on the form

32. Additional remarks, continued

Attached: OCD form C102, C104, Survey and Hydraulic Fracturing Disclosure.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMLC029426B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
CROW FEDERAL 29H9. API Well No.
30-015-4194210. Field and Pool, or Exploratory
FREN; GLORIETA-YESO11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: SANDRA J BELT
E-Mail: sandra.belt@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-1962
Fx: 432-818-1193

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 10 T17S R31E SENE 1650FNL 330FEL
32.851740 N Lat, 103.849470 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Apache Corporation wishes to report the completion of this well as follows:

5-8-14 thru 5-20-14: Perf, acidize and frac Stage 1. Stage 1 Perf Paddock 9,962-10,180?, 40 holes. Perf, acidize and frac Stages 2 thru 14. Perf Blinbry 6,073? ? 9,900?, 520 holes. O.A. perfs 6,073? ? 10,180? w/ 560 total holes. 2,478 bbls total acid, 2,539,360 #?s total proppant and 61,290 bbls. fluid.

5-21-14 thru 5-27-14: Drill out plugs. Circulate hole clean. Well ready for production equipment.

6-4-14 thru 6-10-14: Install drive and electric. RIH w/2-3/8? 17#, L-80 tubing @ 5303?.

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 05 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #286456 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

Name (Printed/Typed) SANDRA J BELT

Title SR. REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/30/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APD 1/8/15
Pending BLM approvals will
subsequently be reviewed
and scanned

to any department or agency of the United States

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #286456 that would not fit on the form

32. Additional remarks, continued

6-11-14: Production into battery.