

District I
1625 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.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	10	17S	31E		1650	NORTH	330	EAST	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
E	10	17S	31E		1643	NORTH	332	WEST	EDDY

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	P	6-11-14			

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	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
3/29/14	6/11/14	10251/5799		6073 - 10,180	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8 H-40	702	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	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
7/2/14	7/2/14	8/27/14	24 HRS.		
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
	586	2185	226	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: <i>RP Dade</i>	Title: <i>Dist J Sepewski</i>
Approval Date: <i>1/8/2015</i>	
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

5. Lease Serial No.
NMLC029426B

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

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 3a. Phone No. (include area code)
Ph: 432-818-1962

9. API Well No.
30-015-41942

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

10. Field and Pool, or Exploratory
FREN; GLORIETA-YESO

At surface 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

At top prod interval reported below SWNW 1643FNL 332FWL

12. County or Parish
EDDY 13. State
NM

At total depth SENE 1650FSL 330FEL 32.851740 N Lat, 103.849470 W Lon

14. Date Spudded 03/29/2014 15. Date T.D. Reached 04/12/2014 16. Date Completed
 D & A 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? 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 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. St	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
			→					
Choke Size	Tbg. Press. Flwg. St	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

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

(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 **

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 MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
CROW FEDERAL 29H

2. Name of Operator
APACHE CORPORATION
Contact: SANDRA J BELT
E-Mail: sandra.belt@apachecorp.com

9. API Well No.
30-015-41942

3a. Address
303 VETERANS AIRPARK LANE
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-818-1962
Fx: 432-818-1193

10. Field and Pool, or Exploratory
FREN; GLORIETA-YESO

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

11. County or Parish, and State
EDDY COUNTY, NM

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 recomplete 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 Blinebry 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
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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 _____

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

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.

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

32. Additional remarks, continued

6-11-14: Production into battery.