

District I

1625 N. French 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 ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

Form C-104

Revised August 1, 2011

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 3000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW / 02/03/2014
⁴ API Number 30-015-40990	⁵ Pool Name Fren; Glorieta-Yeso	⁶ Pool Code 26770
⁷ Property Code 308711	⁸ Property Name Crow Federal	⁹ Well Number 16H

II. ¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	09	17S	31E		1745	South	110	West	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
I	09	17S	31E		1741	South	331	East	Eddy

¹² Lsc Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 02/03/2014	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O

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APR 08 2014

NMOCD ARTESIA

IV. Well Completion Data

²¹ Spud Date 08/09/2013	²² Ready Date 02/03/2014	²³ TD 9625'	²⁴ PBTB 9625'	²⁵ Perforations 5215'-9523'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	475'	520 sx Class C		
11"	8-5/8"	3500'	1400 sx Class C		
7-7/8"	5-1/2"	9625'	1550 sx Class H & PVL		
Tubing	2-7/8"	4995'			

V. Well Test Data

³¹ Date New Oil 02/03/2014	³² Gas Delivery Date 02/03/2014	³³ Test Date 03/28/2014	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 357	³⁹ Water 1155	⁴⁰ Gas 512		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:

Printed name:
Fatima VasquezTitle:
Regulatory Analyst IIE-mail Address:
Fatima.Vasquez@apachecorp.comDate:
04/04/2014Phone:
(432) 818-1015

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

4-10-14

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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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 <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: FATIMA VASQUEZ E-Mail: fatima.vasquez@apachecorp.com		
3. Address 303 VETERANS AIRPARK LANE STE 3000 MIDLAND, TX 79705			3a. Phone No. (include area code) Ph: 432-818-1015		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 1745FSL 110FWL 32.846597 N Lat, 103.883049 W Lon At top prod interval reported below At total depth NESE 1741FSL 331FEL			8. Lease Name and Well No. CROW FEDERAL 16H		
14. Date Spudded 08/09/2013			15. Date T.D. Reached 08/20/2013		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/03/2014			9. API Well No. 30-015-40990		
18. Total Depth: MD TVD 9625 5166			19. Plug Back T.D.: MD TVD 9625		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory FREN; GLORIETA-YESO		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN/RBGR-CCL/(2)GAMMA-ROP(5")			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)* 3838 GL			12. County or Parish EDDY		
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)			17. Elevations (DF, KB, RT, GL)* 3838 GL		

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	13.375 H-40	48.0		475		520		0	
11.000	8.625 J-55	32.0		3500		1400		0	
7.875	5.500 L-80	17.0		9625		1550		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)
2.875	4995							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4910		5215 TO 9523	5.000	630	PRODUCING
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5215 TO 9523	2505 GALS ACID & 2,536,530# SAND

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
02/03/2014	03/28/2014	24	→	357.0	512.0	1155.0	36.7		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	
			→				1434	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	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 reverse side)

ELECTRONIC SUBMISSION #241294 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending Copy for BLM approval

Accepted for record
APR 10 2014

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.)

FLARED

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
				QUEEN SAN ANDRES GLORIETA PADDOCK	2610 3330 4848 4910

32. Additional remarks (include plugging procedure):

Attachments - Frac Disclosure, WBD, OCD Forms C-102 & C-104. Logs mailed 03/05/2014.

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 #241294 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) FATIMA VASQUEZTitle REGULATORY ANALYST II

Signature _____ (Electronic Submission)

Date 04/07/2014

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.

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