

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

Form C-104

Revised August 1, 2011

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 Lane Suite 3000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW / 11/15/2013
⁴ API Number 30-015-40578	⁵ Pool Name Fren; Glorieta-Yeso	⁶ Pool Code 26770
⁷ Property Code 308711	⁸ Property Name Crow Federal	⁹ Well Number 014H

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
M	10	17S	31E		923	South	250	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
M	9	17S	31E		906	South	332	West	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/15/2013	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
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
15694	Navajo Refining Co P/L Division PO Box 159 Artesia NM 88211	O

RT 1/30/14

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NMOCD ARTESIA

IV. Well Completion Data

²¹ Spud Date 05/22/2013	²² Ready Date 11/15/2013	²³ TD 10,696' 1685	²⁴ PBTD 10,696'	²⁵ Perforations 5926'-10,592'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	575'	660 sx Class C		
11"	8-5/8"	3454'	1515 sx Class C/Poz		
7-7/8"	5-1/2"	10,696'	1620 sx Class H/PVL		
Tubing	2-7/8"	5554'			

V. Well Test Data

³¹ Date New Oil 11/15/2013	³² Gas Delivery Date 11/15/2013	³³ Test Date 02/16/2014	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 145	³⁹ Water 1362	⁴⁰ Gas 212		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 Vasquez

Title:

Regulatory Analyst II

E-mail Address:

Fatima.Vasquez@apachecorp.com

Date:

02/19/2014

Phone:

(432) 818-1015

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned

Additional data for EC transaction #236015 that would not fit on the form

32. Additional remarks, continued

08/27/2013 Frac w/ 180 bbl 15% HCl & 180,220# sand (100 Mesh & 40/70).
Set CBP @ 9055'. Stage 6 - Perf Yeso @ 9000'-9002', 8898'-8900', 8788'-8790' w/ 5 SPF, 45 holes.
Frac w/ 180 bbl 15% HCl & 181,040# sand (100 Mesh & 40/70).
Set CBP @ 8741'. Stage 7 - Perf Yeso @ 8682'-8684', 8578'-8580', 8470'-8472' w/ 5 SPF, 45 holes.
Frac w/ 180 bbl 15% HCl & 180,660# sand (100 Mesh & 40/70).
Set CBP @ 8420'. Stage 8 - Perf Yeso @ 8364'-8366', 8258'-8260', 8152'-8154' w/ 5 SPF, 45 holes.
Frac w/ 179 bbl 15% HCl & 178,420# sand (100 Mesh & 40/70).
Set CBP @ 8099'. Stage 9 - Perf Yeso @ 8050'-8052', 7940'-7942', 7834'-7836' w/ 5 SPF, 45 holes.
Frac w/ 180 bbl 15% HCl & 181,980# sand (100 Mesh & 40/70).
Set CBP @ 7781'. Stage 10 - Perf Yeso @ 7728'-7730', 7622'-7624', 7516'-7518' w/ 5 SPF, 45 holes.
Frac w/ 180 bbl 15% HCl & 179,780# sand (100 Mesh & 40/70).
Set CBP @ 7463'. Stage 11 - Perf Yeso @ 7410'-7412', 7304'-7306', 7198'-7200' w/ 5 SPF, 45 holes.
Frac w/ 177 bbl 15% HCl & 180,580# sand (100 Mesh & 40/70).
Set CBP @ 7136'. Stage 12 - Perf Yeso @ 7092'-7094', 6986'-6988', 6880'-6882' w/ 5 SPF, 45 holes.
Frac w/ 179 bbl 15% HCl & 180,900# sand (100 Mesh & 40/70).
Set CBP @ 6827'. Stage 13 - Perf Yeso @ 6774'-6776', 6668'-6670', 6562'-6564' w/ 5 SPF, 45 holes.
Frac w/ 178.5 bbl 15% HCl & 180,840# sand (100 Mesh & 40/70).
08/28/2013 Set CBP @ 6506'. Stage 14 - Perf Yeso @ 6456'-6458', 6344'-6346', 6244'-6246' w/ 5 SPF, 45 holes. Frac w/ 179 bbl 15% HCl & 179,000# sand (100 Mesh & 40/70).
Set CBP @ 6191'. Stage 15 - Perf Yeso @ 6144'-6146', 6032'-6034', 5926'-5928' w/ 5 SPF, 45 holes.
Frac w/ 180 bbl 15% HCl & 178,300# sand (100 Mesh & 40/70).
09/14/2013 MIRU coil tbg & flow back equip. Test to 4000# - ok. Start TIH.
09/15/2013 DO plugs - #1@ 6191', #2@ 6506', #3@ 6827', #4@ 7136', #5@ 7463', #6@ 7781', #7@ 8099', #8@ 8420', #9@ 8741', #10@ 9055', #11@ 9371', #12@ 9689', #13@ 10,000'.
09/16/2013 DO plug #14@ 10,325'. Wash to TD @ 10,696'.
10/08/2013 RIH w/ 2-7/8" J-55 6.5# prod tbg. Submersible @ 5224' & Desander @ 5229'. ETD @ 5554'. RDMOSU. SI well.

11/15/2013 POP.