

DISTRICT I  
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State of New Mexico  
Energy, Minerals & Natural Resources  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

ARTESIA DISTRICT  
JUN 30 2014

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

RECEIVED

DIAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-15-40992		Pool Code 26770		Pool Name FREN; GLORIETA-YESO					
Property Code 308711		Property Name CROW FEDERAL						Well Number 18H	
OGRID No. 873		Operator Name APACHE CORPORATION						Elevation 3838'	
Surface Location									
UL or lot No. L	Section 9	Township 17-S	Range 31-E	Lot Idn	Feet from the 1805	North/South line SOUTH	Feet from the 110	East/West line WEST	County EDDY
As-Drilled Bottom Hole Location If Different From Surface									
UL or lot No. I	Section 9	Township 17-S	Range 31-E	Lot Idn	Feet from the 2121	North/South line SOUTH	Feet from the 330.9	East/West line EAST	County EDDY
Penetration Point Location									
UL or lot No. L	Section 9	Township 17-S	Range 31-E	Lot Idn	Feet from the 2083.3	North/South line SOUTH	Feet from the 119.1	East/West line WEST	County EDDY
Dedicated Acres 160		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<b>GEODETIC COORDINATES</b> NAD 27 NME SURFACE LOCATION Y=672017.6 N X=638480.4 E  LAT.=32.846649° N LONG.=103.882424° W  LAT.=32° 50' 48" N LONG.=103° 52' 57" W		<b>KICK OFF POINT</b> NAD 27 NME Y=672322.1 N X=638483.7 E  LAT.=32.847486° N LONG.=103.882409° W  LAT.=32° 50' 51" N LONG.=103° 52' 57" W		<b>CORNER COORDINATES TABLE</b>  A - Y=672852.6 N, X=638365.7 E B - Y=672888.0 N, X=643646.5 E C - Y=671567.1 N, X=643654.3 E D - Y=671532.5 N, X=638373.2 E		<b>OPERATOR CERTIFICATION</b>  I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature _____ Date 05/19/2014 Printed Name Fatima Vasquez E-mail Address Fatima.Vasquez@apachecorp.com	
<b>PENETRATION POINT</b> NAD 27 NME Y=672296.0 N X=638488.0 E  LAT.=32.847414° N LONG.=103.882396° W  LAT.=32° 50' 51" N LONG.=103° 52' 57" W		<b>FIRST TAKE POINT</b> NAD 27 NME Y=672322.3 N X=638482.1 E  LAT.=32.847486° N LONG.=103.882414° W  LAT.=32° 50' 51" N LONG.=103° 52' 57" W		<b>LAST TAKE POINT</b> NAD 27 NME Y=672359.6 N X=643205.9 E  LAT.=32.847532° N LONG.=103.867033° W  LAT.=32° 50' 51" N LONG.=103° 52' 01" W		<b>AS-DRILLED BOTTOM HOLE LOCATION</b> NAD 27 NME Y=672364.5 N X=643318.8 E  LAT.=32.847544° N LONG.=103.866665° W  LAT.=32° 50' 51" N LONG.=103° 52' 00" W	
<p>GRID AZ.=00°19'20" HORIZ. DIST.=304.7' GRID AZ.=89°29'58" HORIZ. DIST.=4838.0' AS-DRILLED WELL PATH PRODUCING AREA PROJECT AREA SEE DETAIL OF S.L. DETAIL 3844.3' 3845.7' 3833.5' 3854.2' 600' 600' NOTE: AS-DRILLED BOTTOM HOLE INFORMATION PLOTTED FROM DATA FURNISHED BY PHOENIX TECHNOLOGY SURVEY REPORT (07 NOVEMBER, 2013)</p>						<b>SURVEYOR CERTIFICATION</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  MAY 18, 2012  Date of Survey Signature & Seal of Professional Surveyor:  Certified Number... Gary L. Eidson 12641 ACK REL. W.O. 2110499 JWSC W.O.: 14.13.0162	