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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42762	Pool Code 26770	Pool Name FREN; GLORIETA-YESO
Property Code 308711	Property Name CROW FEDERAL	Well Number 40H
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3906'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	3	17-S	31-E		2208	SOUTH	10	WEST	EDDY

AS-Drilled Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	4	17-S	31-E		2178.4	SOUTH	331.1	WEST	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

				NOTE AS-DRILLED PATH, P.P., K.O.P., F.T.P. & B.H. PLOTTED FROM PHOENIX TECHNOLOGY SERVICES MWD STANDARD SURVEY REPORT 03/23/15 K.O.P. = 2202.2' FSL & 233.3 FEL P.P. = 2200.4' FSL & 81.8' FEL F.T.P. = 2210.6' FSL & 597.8 FEL CORNER COORDINATES TABLE NAD 27 NME A - Y= 678131.4 N, X= 638335.7 E B - Y= 478167.7 N, X= 643616.4 E C - Y= 676849.1 N, X= 643624.5 E D - Y= 676812.0 N, X= 638343.2 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 678195.5 N, X= 679514.2 E B - Y= 678231.9 N, X= 684794.9 E C - Y= 676913.2 N, X= 684803.0 E D - Y= 676876.1 N, X= 679521.8 E		OPERATOR CERTIFICATION 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. <i>Emily Follic</i> 7/20/15 Signature Date <i>Emily Follic</i> Printed Name <i>emily.follic@apachecorp</i> E-mail Address	
NAD 27 NME AS-DRILLED BOTTOM HOLE LOCATION & LAST TAKE POINT Y= 677673.1 N X= 638670.6 E LAT.=32.862191° N LONG.=103.881726° W LAT.=32°51'44" N LONG.=103°53'54" W FIRST TAKE POINT NAD 27 NME Y= 677736.1 N X= 643021.3 E LAT.=32.862313° N LONG.=103.867557° W LAT.=32°51'44" N LONG.=103°52'03" W KICK OFF POINT NAD 27 NME Y= 677730.3 N X= 643385.8 E LAT.=32.862292° N LONG.=103.866370° W LAT.=32°51'44" N LONG.=103°51'59" W PENETRATION POINT NAD 27 NME Y= 677729.7 N X= 643537.3 E LAT.=32.862289° N LONG.=103.865877° W LAT.=32°51'44" N LONG.=103°51'57" W GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 677737.9 N X= 643629.0 E LAT.=32.862310° N LONG.=103.865578° W LAT.=32°51'44" N LONG.=103°51'56" W				SURVEYOR CERTIFICATION 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 11, 2012 Date of Survey Signature & Seal of Professional Surveyor: <i>Ronald J. Eidson</i> 07/15/2015 Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239 LSL REL. W.O.: 15.13.0443 JWSC W.O.: 15.13.0683			
NAD 83 NME AS-DRILLED BOTTOM HOLE LOCATION & LAST TAKE POINT Y= 677737.2 N X= 679849.2 E LAT.=32.862309° N LONG.=103.882233° W LAT.=32°51'44" N LONG.=103°52'56" W FIRST TAKE POINT NAD 83 NME Y= 677800.3 N X= 684199.9 E LAT.=32.862430° N LONG.=103.868064° W LAT.=32°51'45" N LONG.=103°52'05" W KICK OFF POINT NAD 83 NME Y= 677794.5 N X= 684564.3 E LAT.=32.862410° N LONG.=103.866877° W LAT.=32°51'45" N LONG.=103°52'01" W PENETRATION POINT NAD 83 NME Y= 677793.8 N X= 684715.8 E LAT.=32.862406° N LONG.=103.866383° W LAT.=32°51'45" N LONG.=103°51'59" W GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 677802.0 N X= 684807.6 E LAT.=32.862428° N LONG.=103.866085° W LAT.=32°51'45" N LONG.=103°51'58" W							