

WELL LOCATION AND ACREAGE DEDICATION PLAT

As Drilled

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	Joint or Infill	Consolidation Code	Order No.
160			

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

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= 643337.3 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

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

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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

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.

DATE MAY 11 2012

Date of Survey _____

Signature & Seal of Professional Surveyor: _____

Ronald J. Eidson

Certificate Number _____ Gary O. Eidson 12641
Ronald J. Eidson 3239

LSL REL. W.O.: 15.13.0443 JWSC W.O.: 15.13.0683