District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

RECEIVED
NOV 20 2019
DISTRICT II-ARTESIA O.C.D.

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-015- 46459	96718	LOCO HILLS; GLORIETA-YESO

4 Property Code	5 Property Name	6 Well Number
326054	THUNDERBIRD DEVELOPMENT UNIT	4H

7 OGRID NO.	8 Operator Name	9 Elevation
873	APACHE CORPORATION	3738'

10 Surface Location

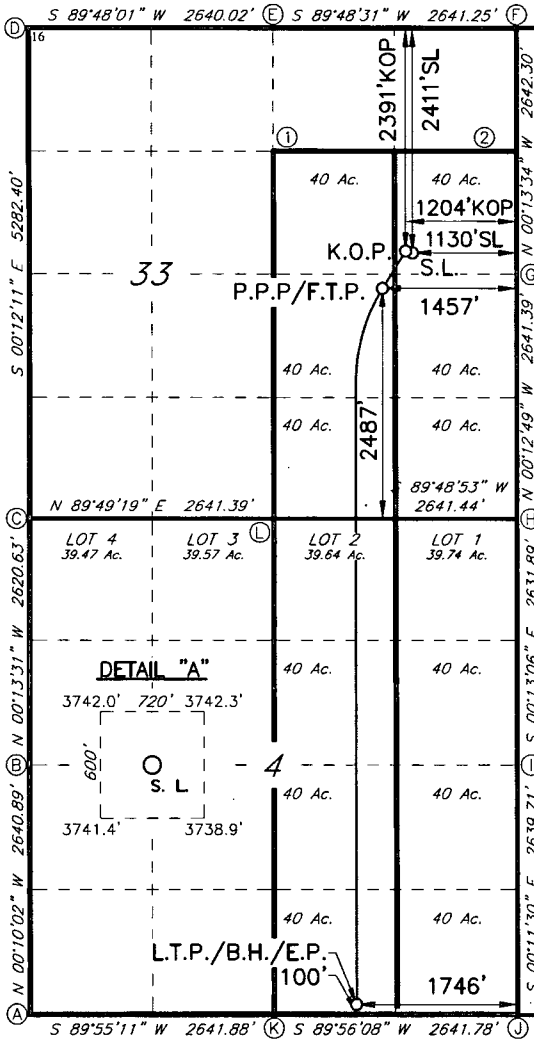
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
H	33	16S	30E		2411	NORTH	1130	EAST	EDDY

11 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
O	4	17S	30E		100	SOUTH	1746	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
279.64			

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



GEODETIC DATA
NAD 83 GRID – NM EAST

SURFACE LOCATION (S.L.)
N 683581.5 – E 652252.1
LAT: 32.8786638° N
LONG: 103.9720438° W

KICK OFF POINT (K.O.P.)
N 683601.4 – E 652177.9
LAT: 32.8787193° N
LONG: 103.9722851° W
MD 4562.8 – TVD 4561.5

PROPOSED PENETRATION POINT (P.P.P.) / FIRST TAKE POINT (F.T.P.)
N 683195.4 – E 651926.7
LAT: 32.8776057° N
LONG: 103.9731079° W
MD 5312.8 – TVD 5039.0

LAST TAKE POINT (L.T.P.) / BOTTOM HOLE (B.H.) / EXIT POINT (E.P.)
N 675541.1 – E 651665.3
LAT: 32.8565697° N
LONG: 103.9740442° W
MD 13021.1 – TVD 5129.0

CORNER DATA
NAD 83 GRID – NM EAST

A: FOUND BRASS CAP "1916"
N 675436.4 – E 648128.9

B: FOUND BRASS CAP "1916"
N 678076.6 – E 648121.2

C: FOUND BRASS CAP "1916"
N 680696.5 – E 648110.9

D: FOUND BRASS CAP "1916"
N 685977.6 – E 648092.2

E: FOUND BRASS CAP "1916"
N 685986.8 – E 650731.5

F: FOUND BRASS CAP "1916"
N 685995.6 – E 653372.1

G: FOUND BRASS CAP "1916"
N 683354.0 – E 653382.5

H: FOUND BRASS CAP "1916"
N 680713.3 – E 653392.4

I: FOUND BRASS CAP "1916"
N 678082.1 – E 653402.4

J: FOUND BRASS CAP "1916"
N 675443.0 – E 653411.2

K: FOUND BRASS CAP "1916"
N 675440.1 – E 650770.1

L: FOUND BRASS CAP "1916"
N 680704.7 – E 650751.6

CALCULATED POINTS
1: N 684666.1 – E 650736.5
2: N 684674.8 – E 653377.3

17 OPERATOR CERTIFICATION

I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sorina L. Flores 2/7/2019
Signature Date

SORINA L. FLORES
Printed Name

sorina.flores@apachecorp.com
E-mail Address

18 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.

06-01-2016
Date of Survey

Signature and Seal of Professional Surveyor

JEFFREY L. FANSLER
NEW MEXICO
10034
PROFESSIONAL SURVEYOR

10034
Certificate Number

Job No.: LS1605194B DP

RWP 12-3-19