

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) 334-0178 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, New Mexico 87505

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

APR 25 2016

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42903	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code 315935	Property Name CEDAR LAKE FEDERAL CANFE FEDERAL	Well Number 643H 43H
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3756'

Surface Location

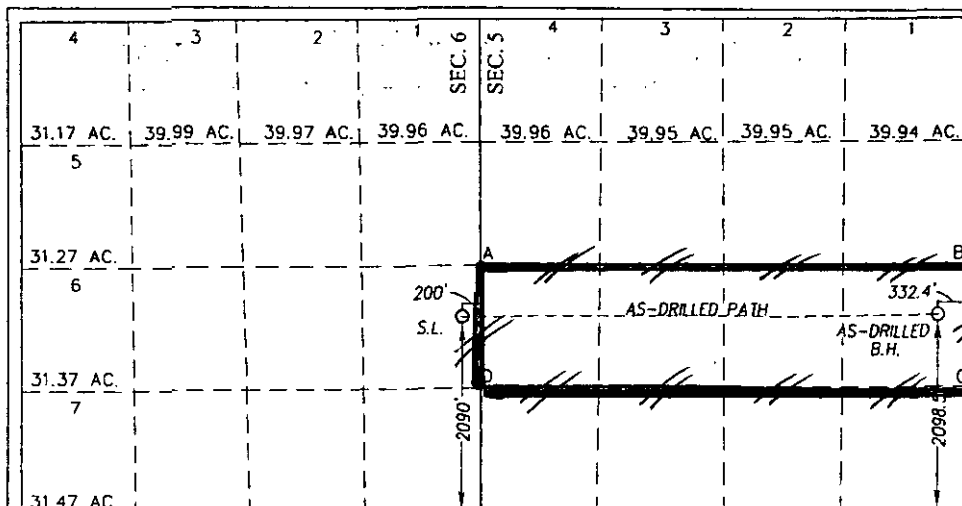
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	6	17-S	31-E		2090	SOUTH	200	EAST	EDDY

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
I	5	17-S	31-E		2098.5	SOUTH	332.4	EAST	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



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.

Reesa Fisher 9/3/15
Signature Date

REESEA FISHER
Printed Name

Reesa.fisher@apachecorp.com
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.

APR 13 2012
Date of Survey
Signature & Seal of Professional Surveyor:

RONALD J. EIDSON
NEW MEXICO
REGISTERED SURVEYOR
3239
Ronald J. Eidson 9/10/2015
Certificate Number
Ronald J. Eidson 12641
3239

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 677543.3 N
X= 632859.2 E
LAT.=32.861902° N
LONG.=103.900653° W
LAT.=32°51'43" N
LONG.=103°54'02" W

CORNER COORDINATES TABLE
NAD 27 NME

A - Y=678094.7 N, X=633056.1 E
B - Y=678131.4 N, X=638335.7 E
C - Y=676812.0 N, X=638343.2 E
D - Y=676775.0 N, X=633063.5 E

CORNER COORDINATES TABLE
NAD 83 NME

A - Y=678158.7 N, X=674234.7 E
B - Y=678195.5 N, X=679514.2 E
C - Y=676876.1 N, X=67952.8 E
D - Y=676839.0 N, X=674242.1 E

NOTE: AS-DRILLED PATH AND
B.H. PLOTTED FROM
PHOENIX TECHNOLOGY SERVICES MWD
REPORT DATE AUGUST 12, 2015

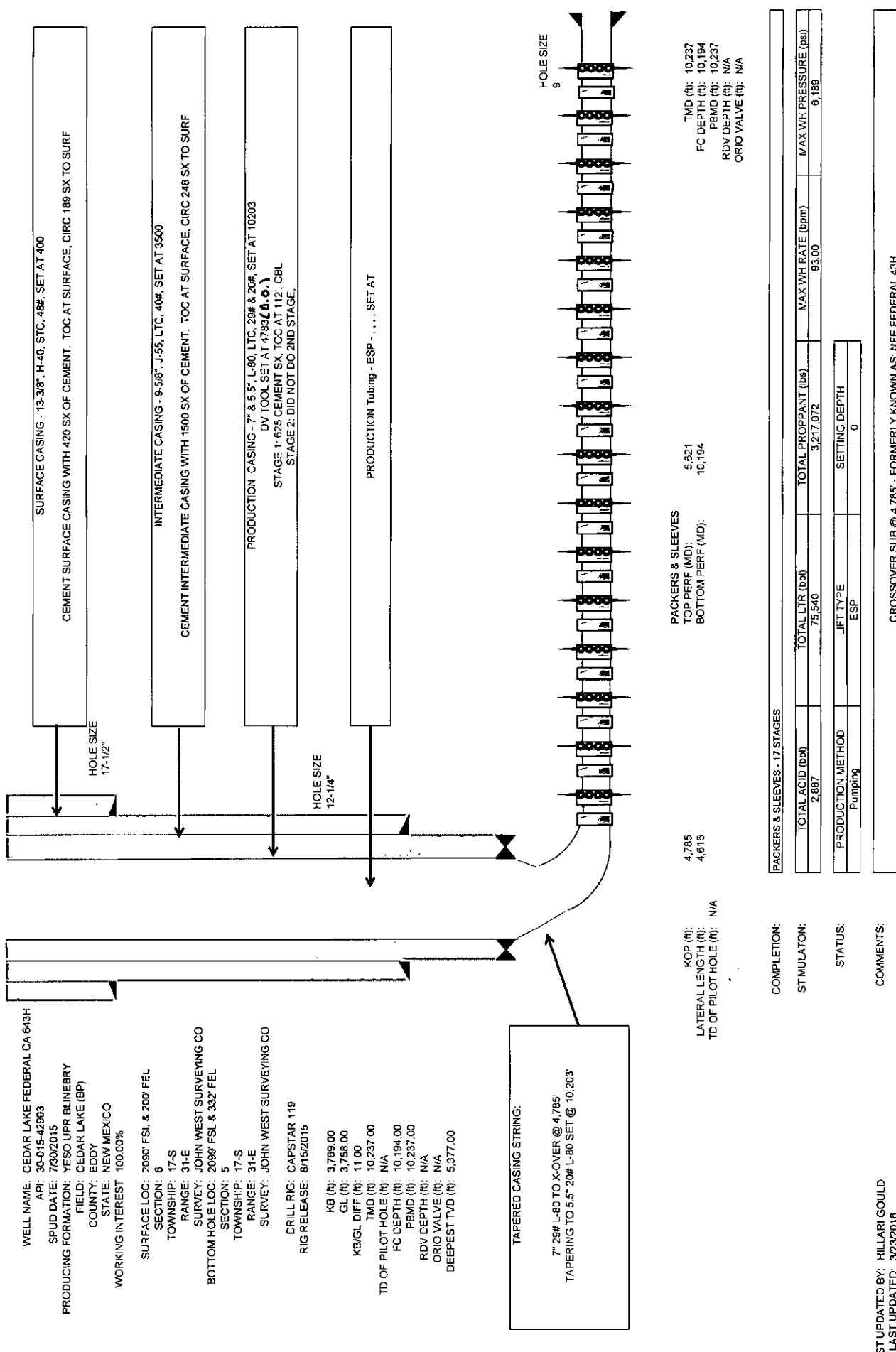
AS-DRILLED
BOTTOM HOLE LOCATION
NAD 27 NME

Y= 677588.2 N
X= 638006.5 E
LAT.=32.861966° N
LONG.=103.883890° W
LAT.=32°51'43" N
LONG.=103°53'02" W

AS-DRILLED
BOTTOM HOLE LOCATION
NAD 83 NME

Y= 677652.3 N
X= 679185.1 E
LAT.=32.862083° N
LONG.=103.884397° W
LAT.=32°51'43" N
LONG.=103°53'04" W

LSL REL. W.O.: 12.11.0716 JWSC W.O.: 15.13.0820



WELL NAME: CEDAR LAKE FEDERAL CA 643H
API: 30-015-42903
SPUD DATE: 7/30/2015
PRODUCING FORMATION: YESO UPR BLINEBRY
FIELD: CEDAR LAKE (BP)
COUNTY: EDDY
STATE: NEW MEXICO
WORKING INTEREST: 100.00%

SURFACE LOC: 2090' FSL & 200' FEL
SECTION: 6
TOWNSHIP: 17-S
RANGE: 31-E
SURVEY: JOHN WEST SURVEYING CO
BOTTOM HOLE LOC: 2089' FSL & 332' FEL
SECTION: 5
TOWNSHIP: 17-S
RANGE: 31-E
SURVEY: JOHN WEST SURVEYING CO
DRILL RIG: CAPSTAR 119
RIG RELEASE: 8/15/2015

KB (ft): 3,769.00
GL (ft): 3,758.00
KB/GL DIFF (ft): 11.00
TMD (ft): 10,237.00
TD OF PILOT HOLE (ft): N/A
FC DEPTH (ft): 10,194.00
RBMD (ft): 10,237.00
RDV DEPTH (ft): N/A
ORIO VALVE (ft): N/A
DEEPEST TVD (ft): 5,377.00

TAPERED CASING STRING:
7" 28# L-80 TO X-OVER @ 4,785'
TAPERING TO 5.5" 20# L-80 SET @ 10,203'

KOP (ft):
LATERAL LENGTH (ft):
TD OF PILOT HOLE (ft): N/A

PACKERS & SLEEVES
TOP PERF (MD): 5,621
BOTTOM PERF (MD): 10,194

TMD (ft): 10,237
FC DEPTH (ft): 10,194
RBMD (ft): 10,237
RDV DEPTH (ft): N/A
ORIO VALVE (ft): N/A

PACKERS & SLEEVES - 17 STAGES			
TOTAL ACID (bbl)	2,887	TOTAL LTR (bbl)	75,540
TOTAL PROPPANT (lbs)	3,217,072	MAX WH RATE (bpm)	93.00
MAX WH PRESSURE (psi)	6,189		
PRODUCTION METHOD	Pumping	LIFT TYPE	ESP
SETTING DEPTH	0		
CROSSOVER SUB @ 4,785' - FORMERLY KNOWN AS NFE FEDERAL 43H			

COMPLETION:
STIMULATION:
STATUS:
COMMENTS:

LAST UPDATED BY: HILLARI GOULD
LAST UPDATED: 3/23/2016