

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, New Mexico 87505

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

JAN 04 2015

RECEIVED AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42910	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code 308724	Property Name NFE FEDERAL	Well Number 55H
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3770'

Surface Location

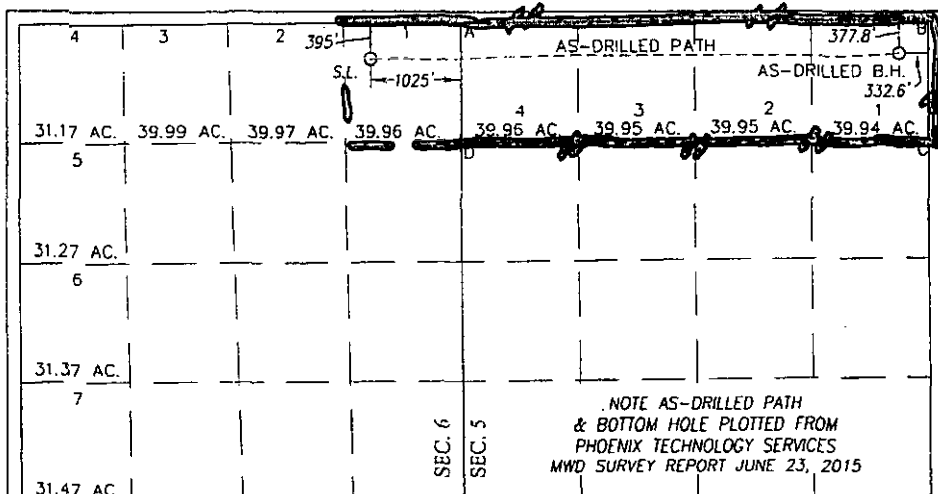
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	6	17-S	31-E		395	NORTH	1025	EAST	EDDY

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
1	5	17-S	31-E		377.8	NORTH	332.6	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
199.76			

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.

Signature: *Emily Follis* Date: *9/30/15*
Printed Name: *Emily Follis*
E-mail Address: *emily.follis@apachecorp.com*

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.

APRIL 18, 2012

Date of Survey: *APRIL 18, 2012*
Signature & Seal of Professional Surveyor:



Ronald J. Eidson 07/09/2015
Certificate Number: *Gary G. Eidson* 12641
Ronald J. Eidson 3239

LSL REL. W.O. 12.11.0744 JWSC W.O. 15.13.0712

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 680332.2 N
X= 632018.8 E
LAT.=32.869577° N
LONG.=103.903353° W
LAT.=32°52'10" N
LONG.=103°54'12" W

CORNER COORDINATES TABLE
NAD 27 NME

A - Y= 680734.2 N, X= 633041.3 E
B - Y= 680770.1 N, X= 638320.6 E
C - Y= 679450.8 N, X= 638328.1 E
D - Y= 679414.4 N, X= 633048.7 E

GEODETIC COORDINATES
NAD 27 NME
AS-DRILLED

BOTTOM HOLE LOCATION
Y= 680390.1 N
X= 637990.3 E
LAT.=32.869667° N
LONG.=103.883904° W
LAT.=32°52'11" N
LONG.=103°53'02" W

GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 680396.3 N
X= 673197.4 E
LAT.=32.869693° N
LONG.=103.903861° W
LAT.=32°52'11" N
LONG.=103°54'14" W

CORNER COORDINATES TABLE
NAD 83 NME

A - Y= 680798.3 N, X= 674219.9 E
B - Y= 680834.3 N, X= 679499.2 E
C - Y= 679514.9 N, X= 679506.7 E
D - Y= 679478.5 N, X= 674227.3 E

GEODETIC COORDINATES
NAD 83 NME
AS-DRILLED

BOTTOM HOLE LOCATION
Y= 680454.3 N
X= 679168.8 E
LAT.=32.869785° N
LONG.=103.884411° W
LAT.=32°52'11" N
LONG.=103°53'04" W

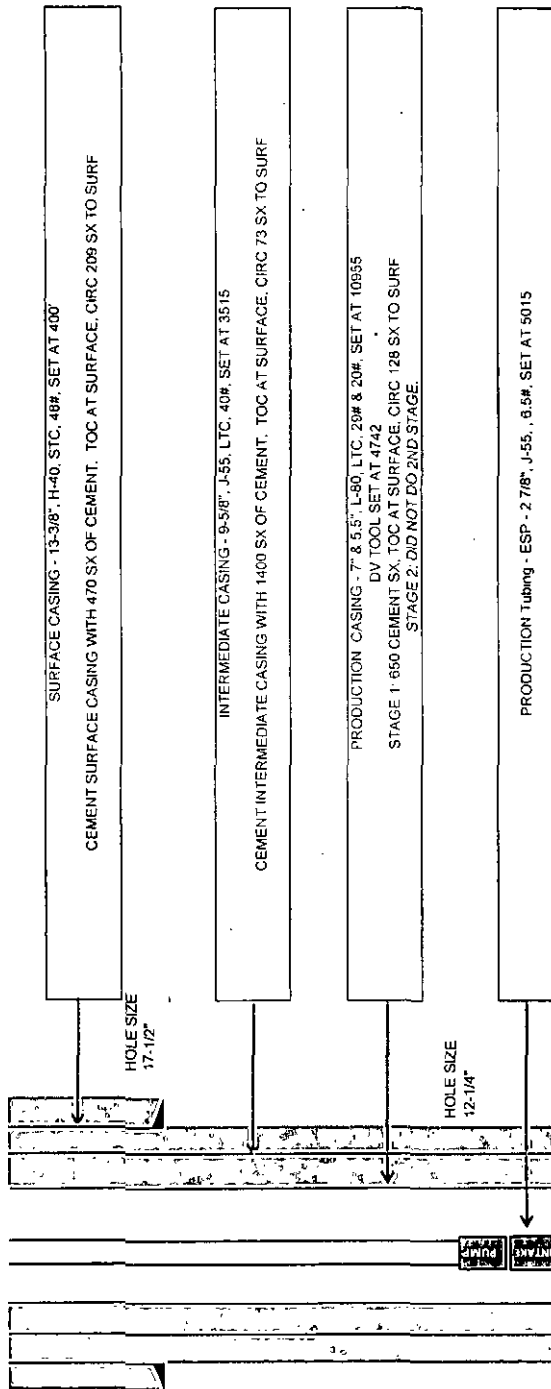
WELL NAME: NFE FEDERAL COM 55H
APL: 30-015-42910
SPUD DATE: 9/10/2015
PRODUCING FORMATION: YESO UPR BLINBRY
FIELD: CEDAR LAKE (BP)
COUNTY: EDDY
STATE: NEW MEXICO
WORKING INTEREST: 100.00%

SURFACE LOC: 395' FNL & 1025' FEL
SECTION: 6
TOWNSHIP: 17-S
RANGE: 31-E
SURVEY: JOHN WEST SURVEYING CO
BOTTOM HOLE LOC: 378' FNL & 333' FEL
SECTION: 5
TOWNSHIP: 17-S
RANGE: 31-E
SURVEY: JOHN WEST SURVEYING CO
DRILL RIG: CAPSTAR 114
RIG RELEASE: 6/27/2015

KB (ft): 3,781.00
GL (ft): 3,770.00
KB/Gl DIFF (ft): 11.00
TMD (ft): 10,992.00
TD OF PILOT HOLE (ft): N/A
FC DEPTH (ft): 10,953.00
PBMD (ft): 10,992.00
RDV DEPTH (ft): N/A
ORIO VALVE (ft): N/A
DEEPEST TVD (ft): 5,344.00

TAPERED CASING STRING:

7" 28# L-80 TO X-OVER @ 4,745'
TAPERING TO 5.5" 20# L-80 SET @ 10,955'



HOLE SIZE
8 1/2"

PACKERS & SLEEVES
TOP PERF (MD): 5,515
BOTTOM PERF (MD): 10,944

KOP (ft): 4,745
LATERAL LENGTH (ft): 5,477
TD OF PILOT HOLE (ft): N/A

TMD (ft): 10,992
FC DEPTH (ft): 10,953
PBMD (ft): 10,992
RDV DEPTH (ft): N/A
ORIO VALVE (ft): N/A

COMPLETION:

STIMULATION:

STATUS:

COMMENTS:

PACKERS & SLEEVES - 20 STAGES

TOTAL ACID (gal)	TOTAL LTR (bbl)	TOTAL PROPPANT (lbs)	MAX WH RATE (bpm)	MAX WH PRESSURE (psi)
3,547	85.439	3,812,092	93.00	6,903

PRODUCTION METHOD	LIFT TYPE	SETTING DEPTH
Pumping	ESP	0

CROSSOVER SUB @ 4,745'

LAST UPDATED BY: HILLARI GOULD
LAST UPDATED: 9/28/2015