SUBSURFACE

PERMIT RENEWAL APPLICATION
CLASS I NONHAZARDOUS WASTE INJECTION WELL
WDW NO. 1

Volume 1 of 3

NAVAJO REFINING COMPANY, L.L.C.
ARTESIA, NEW MEXICO
SUBSURFACE PROJECT NO. 60D6894

DRAWINGS
2.1 OF 5

SUBSURFACE TECHNOLOGY, INC.
8212 KELWOOD AVE.
BATON ROUGE, LOUISIANA 70806
225-753-2561
PFBR@SUBSURFACEGROUP.COM

MARCH 2013

SOUTHWEST - NORTHEAST DIP
GEOLOGIC CROSS-SECTION B - B'

DATE: 01/03/13	CHECKED BY:
DRAWN BY: MDD	APPROVED BY:
JOB NO: 60D6894	DWG. NO:

SUBSURFACE
HOUSTON, TX
SOUTH BEND, IN
BATON ROUGE, LA

DRAWING 6

NAVAJO REFINING COMPANY
ARTESIA, NEW MEXICO

SOUTHWEST B

NORTHEAST B'

VERTICAL SCALE 0 200 HORIZONTAL SCALE 0 1000 Feet

(Refer to Drawing 4)

N

Elevation (ft msl)

-6800' -6600' -6400' -6200' -6000' -5800' -5600' -5400' -5200' -5000' -4800' -4600' -4400' -4200' -4000' -3800' -3600' -3400' -3200' -3000' -2800' -2600' -2400' -2200' -2000' -1800' -1600' -1400' -1200' -1000' -800' -600' -400' -200' -0' 200' 400' 600' 800' 1000' 1200' 1400' 1600' 1800' 2000' 2200' 2400' 2600' 2800' 3000' 3200' 3400' 3600' 3800' 4000'

ATOKA
STRAWN
CANYON
CISCO
LOWER WOLFCAMP
UPPER WOLFCAMP
ABO
YESO
TUBB
TOP OF CONFINING ZONE
GLORIETA
SAN ANDRES
GRAYBURG

INJECTION ZONE
UPPER CONFINING ZONE

VATES PETROLEUM CORP.
BEAUREGARD AAM ST NO. 1
L-14 T18S R27E
TD: 10,100' KB: 3475'
ACTIVE - GAS
API NUMBER 30-015-27448

841'

NAVAJO REFINING COMPANY
WDW NO. 2
E-12 T18S R27E
TD: 10,327' KB: 3607'
ACTIVE - INJECTION
API NUMBER 30-015-20894

3283'

NAVAJO REFINING COMPANY
WDW NO. 3
M-01 T18S R27E
TD: 10,119' KB: 3609'
ACTIVE - INJECTION
API NUMBER 30-015-26575

268'

MEWBOURNE OIL CO.
CHALK BLUFF FED COM NO. 3
I-01 T18S R27E
TD: 10,150' KB: 3643'
ACTIVE - GAS
API NUMBER 30-015-27163

275'

APACHE CORPORATION
EMPIRE ABO UNIT NO. 218
D-06 T18S R26E
TD: 9,119' KB: 3673'
ACTIVE - OIL
API NUMBER 30-015-02613

284'

NAVAJO REFINING COMPANY
WDW NO. 1
31 T17S R26E
TD: 10,200' KB: 3678'
ACTIVE - INJECTION
API NUMBER 30-015-27592

720'

LRE OPERATING, LLC
NW STATE NO. 33
H-32 T17S R26E
TD: 10,610' KB: 3690'
ACTIVE - GAS
API NUMBER 30-015-28863

6,685'

OXY USA WTP LTD PARTNERSHIP
OXY SPARRY FEDERAL NO. 001
G-28 T17S R26E
TD: 10,305' KB: 3638'
ACTIVE - GAS
API NUMBER 30-015-32074