



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

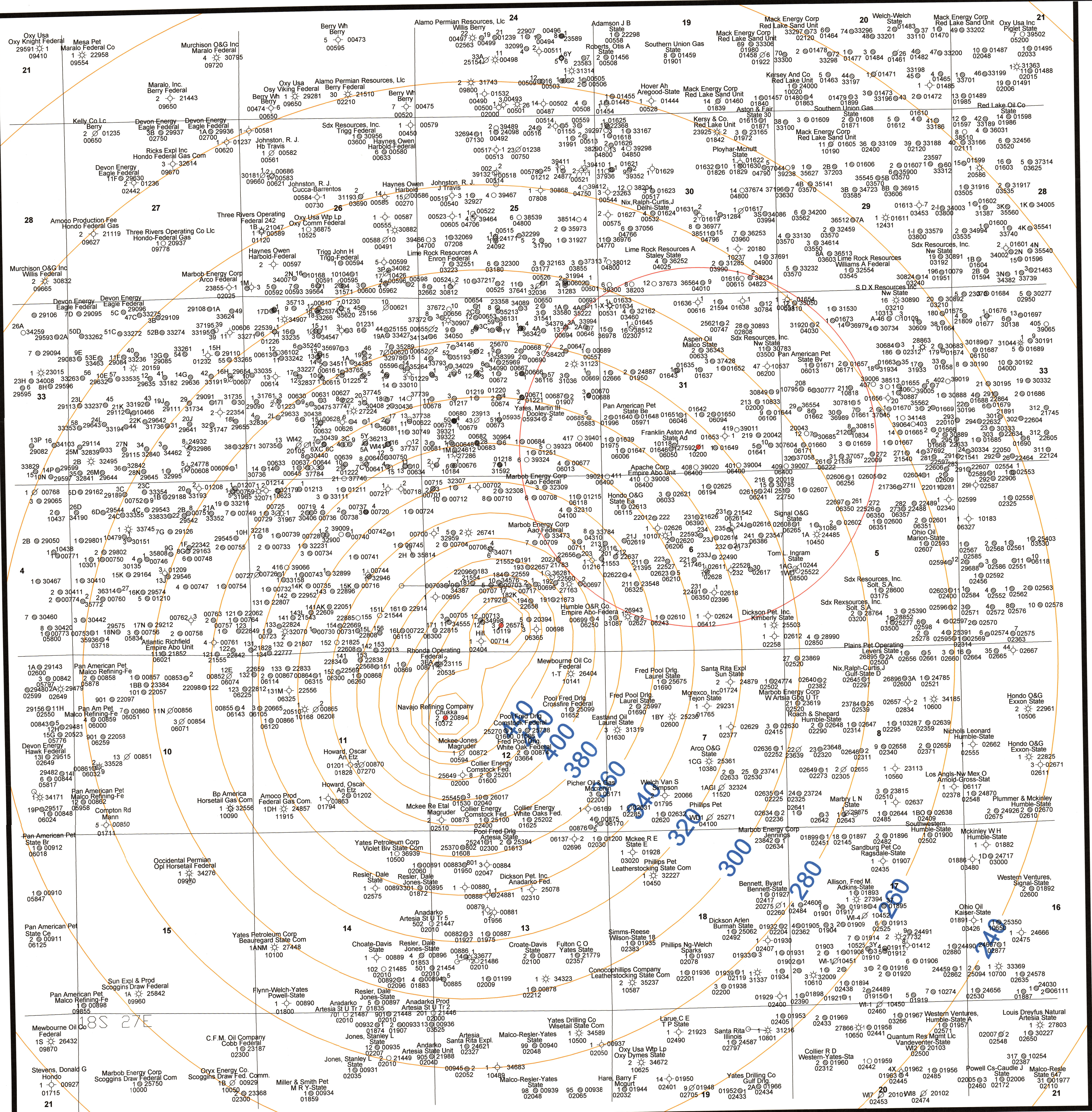
Volume 1 of 3

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

**DRAWINGS
5 OF 5**

**SUBSURFACE TECHNOLOGY, INC.
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BATON ROUGE, LOUISIANA 70806
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PFBR@SUBSURFACEGROUP.COM**

MARCH 2013



LEGEND

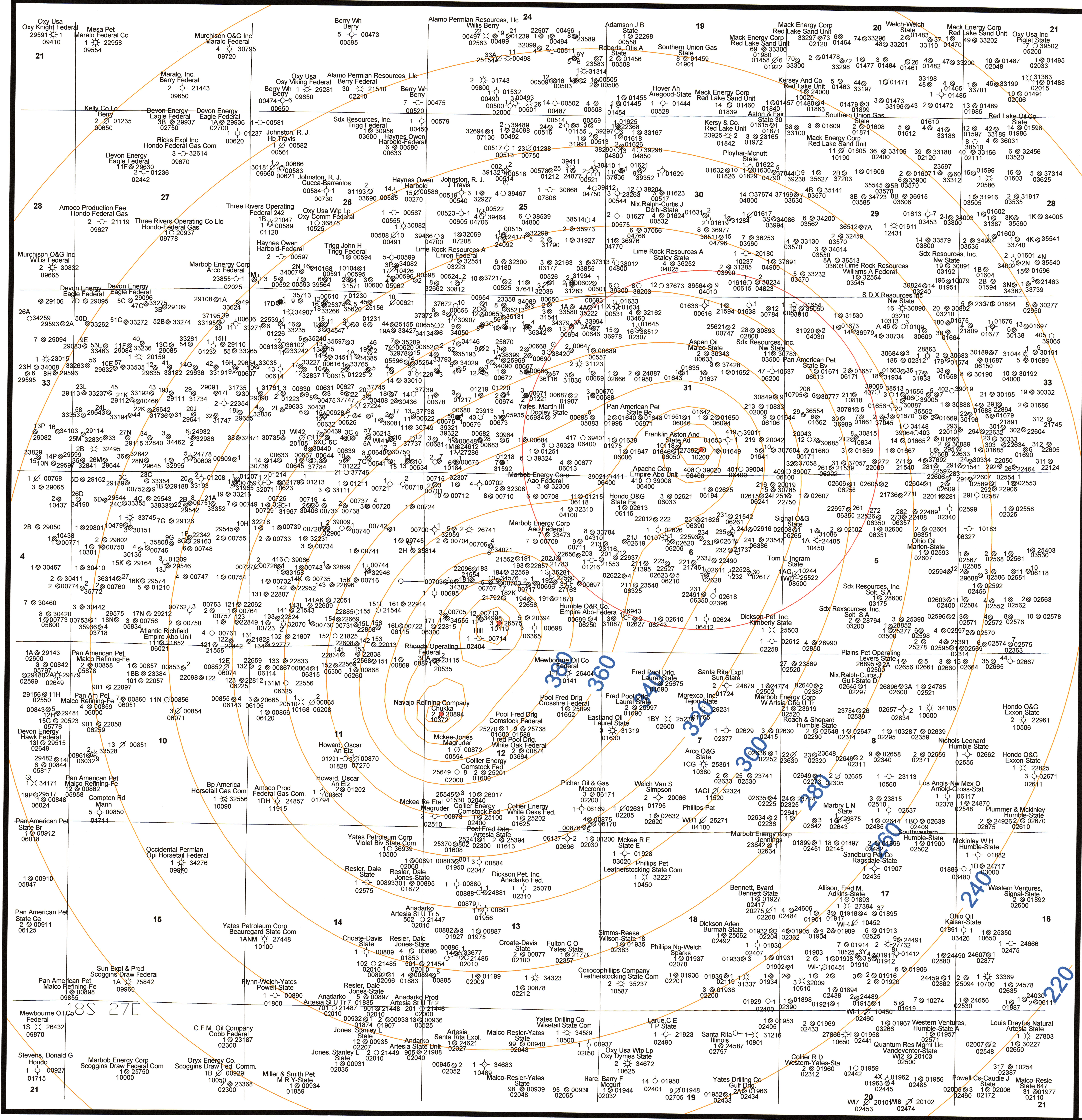
- PERMITTED WELL
 - ⊙ DRY HOLE
 - ⊗ PLUGGED AND ABANDONED WELL
 - ☀ GAS WELL
 - OIL WELL
 - ✱ OIL & GAS WELL
 - ✱ ABANDONED GAS WELL
 - ✱ ABANDONED OIL WELL
 - ✱ ABANDONED OIL & GAS WELL
 - ⊙ INJECTION WELL
 - PLUGGED & ABANDONED INJECTION WELL
 - ⊙ SALTWATER DISPOSAL WELL
 - ✱ PLUGGED SALTWATER DISPOSAL WELL
 - NAVAJO REFINING INJECTION WELLS
- 1-MILE AREA OF REVIEW
- 380** PRESSURE INCREASE CONTOURS
AND LBS/PSI

The diagram illustrates the relationship between three data points for a specific well. A central point labeled '1-T' with a sun-like icon is connected by arrows to three other labels: 'Well Number' (pointing to '1-T'), 'API Number' (pointing to '26404'), and 'Total Depth of Well' (pointing to '10141').

**SCALE
(IN FEET)**

 $C_1 = 20'$

	Houston, TX South Bend, IN Baton Rouge, LA	
DRAWING 15		
NAVAJO REFINING COMPANY ARTESIA, NEW MEXICO		
PREDICTED PRESSURE INCREASE MODELING RESULTS; INJECTION INTO WDW-2 AND WDW-3; NO INJECTION INTO WDW-1		
DATE: 02/11/13	CHECKED BY:	JOB NO: 606D894
DRAWN BY: WDD	APPROVED BY:	DWG NO:



LEGEND

- PERMITTED WELL
- DRY HOLE
- ⊗ PLUGGED AND ABANDONED WELL
- GAS WELL
- OIL WELL
- OIL & GAS WELL
- ⊗ ABANDONED GAS WELL
- ⊗ ABANDONED OIL WELL
- ⊗ ABANDONED OIL & GAS WELL
- INJECTION WELL
- PLUGGED & ABANDONED INJECTION WELL
- ⊗ SALTWATER DISPOSAL WELL
- NAVAJO REFINING INJECTION WELLS

1-MILE AREA OF REVIEW

300

PRESSURE INCREASE CONTOURS AND LBS/PSI

API Number

Well Number

Total Depth of Well

SCALE (IN FEET)

0 1000 2000

SUBSURFACE

Houston, TX
South Bend, IN
Baton Rouge, LA

DRAWING 16

NAVAJO REFINING COMPANY
ARRESTA, NEW MEXICO

PREDICTED PRESSURE INCREASE MODELING RESULTS, INJECTION INTO WDW-1, WDW-2 AND WDW-3

DATE: 02/11/03
DRAWN BY: WDD
CHECKED BY:
APPROVED BY:

JOB NO: 606884
DWS NO: