



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

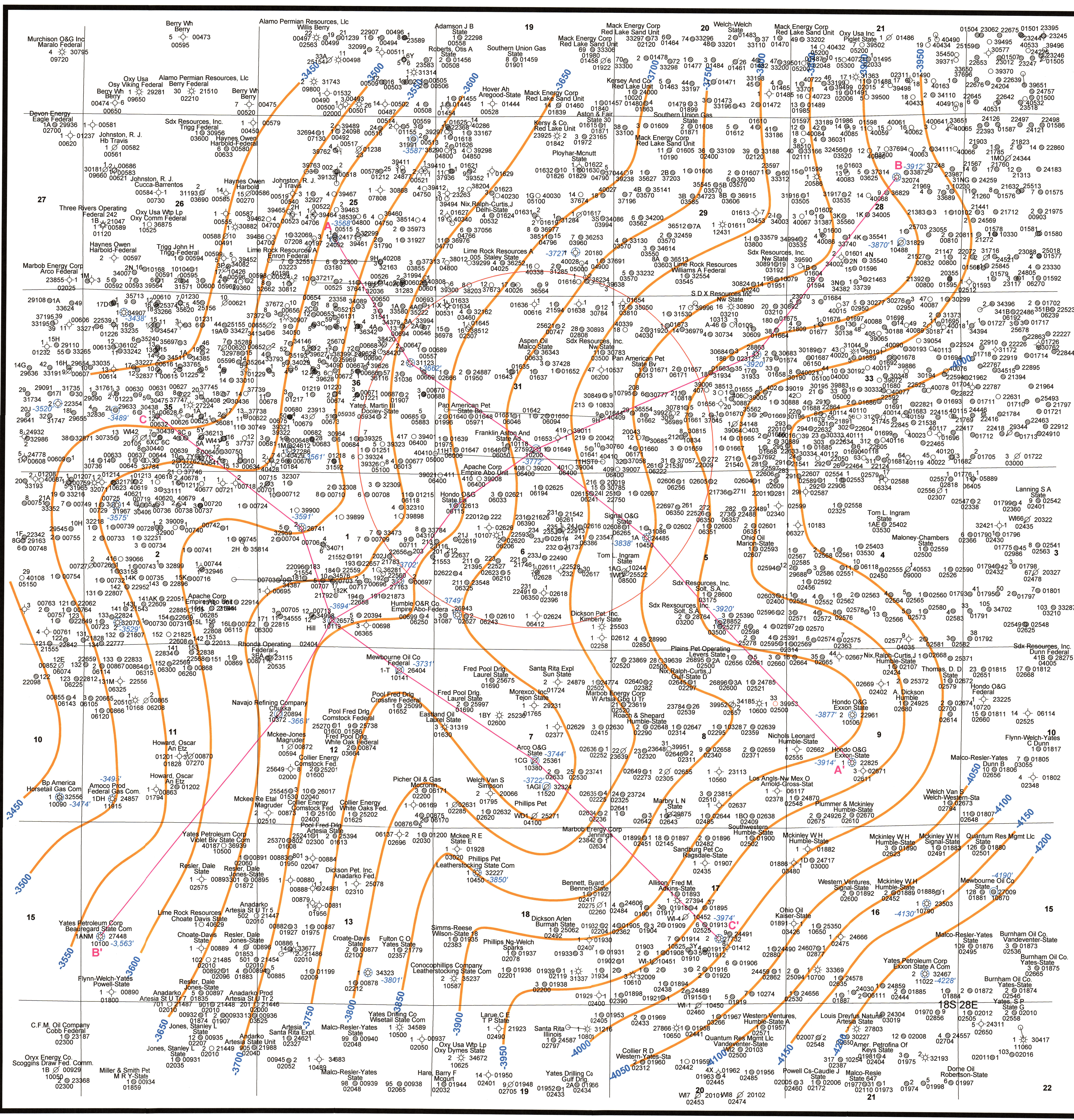
Volume 1 of 3

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

**DRAWINGS
3 OF 5**

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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

— 1-MILE AREA OF REVIEW

— LINE OF GEOLOGIC CROSS SECTION

— -3700 — STRUCTURE CONTOUR OF TOP OF INJECTION ZONE

Well Number API Number

— 1-T 26404 — — 10141 -3731' — Elevation Top of Injection Zone (ft msl)

Total Depth of Well

SCALE
(IN FEET)

0 1000 2000

SUBSURFACE

HOUSTON, TX
SOUTH BEND, IN
BATON ROUGE, LA

DRAWING 8

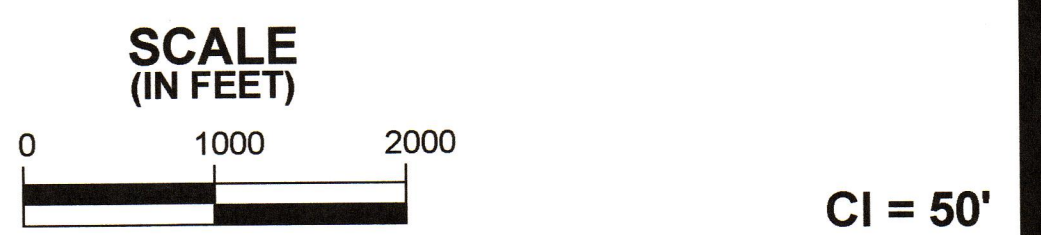
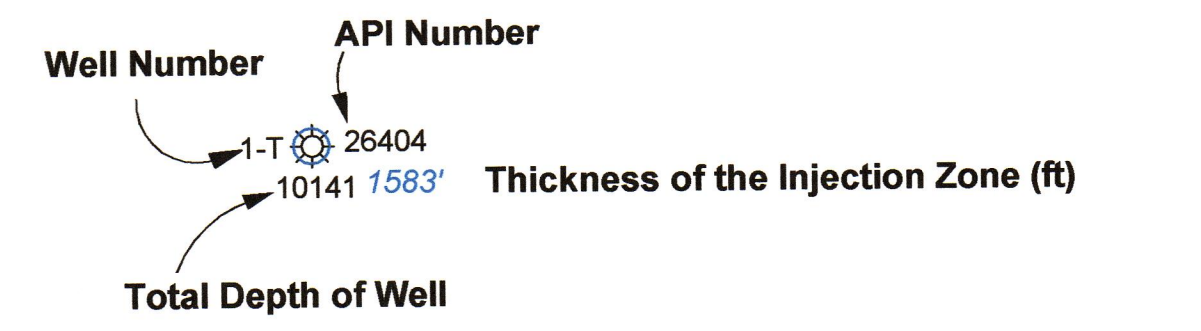
NAVAJO REFINING COMPANY
ARTESIA, NEW MEXICO

**STRUCTURAL CONTOUR MAP
TOP OF INJECTION ZONE**

DATE: 01/14/13 CHECKED BY: JOB NO: 606884
DRAWN BY: MDO APPROVED BY: DWS NO: 606884



- 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
- 1-MILE AREA OF REVIEW
- LINE OF GEOLOGIC CROSS-SECTION
- 1500
- ISOPACH CONTOUR OF THE INJECTION ZONE



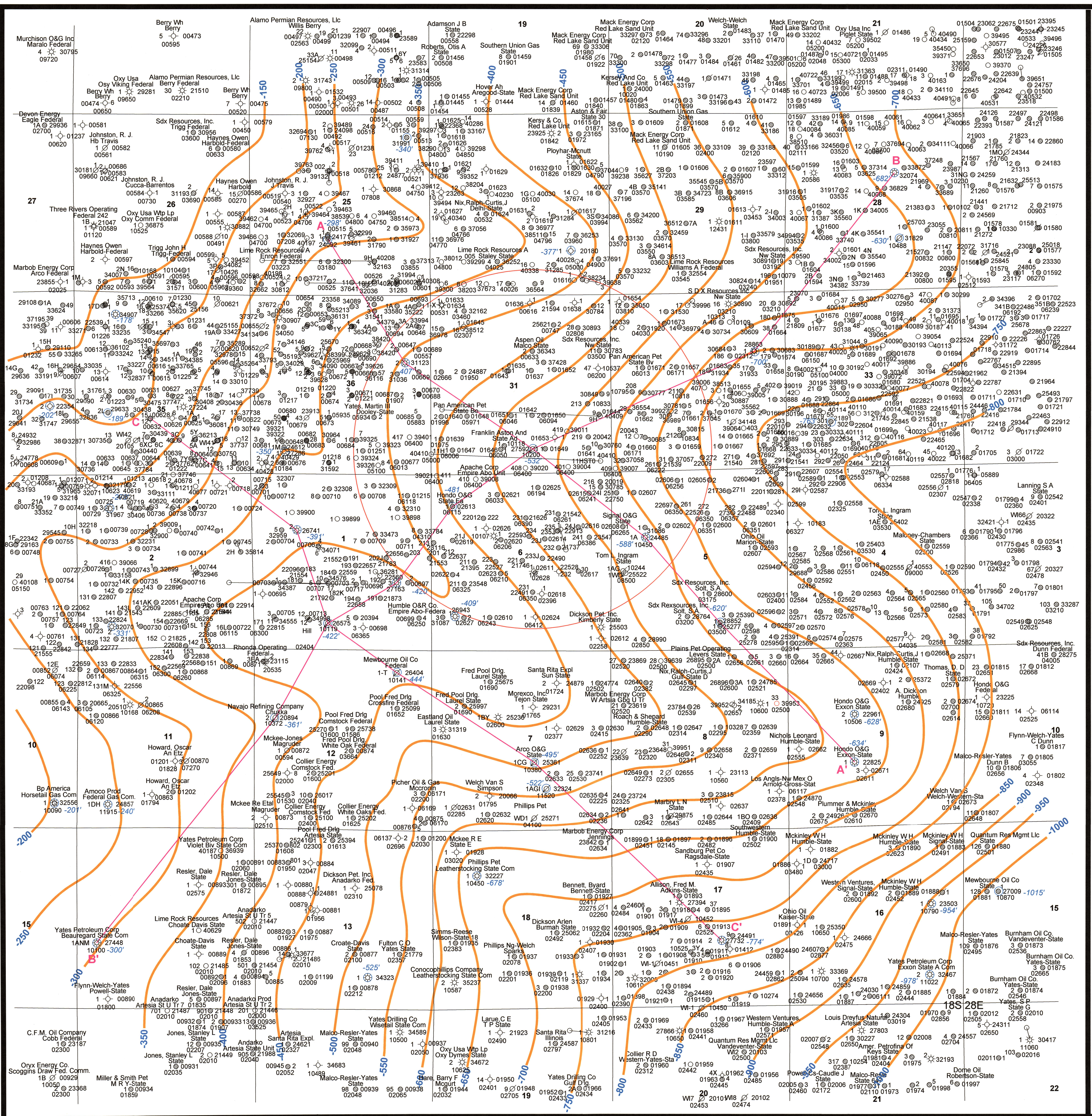
SUBSURFACE

DRAWING 9

NAVAJO REFINING COMPANY
ARTESIA, NEW MEXICO

ISOPACH CONTOUR MAP OF THE INJECTION ZONE

DATE: 01/16/13 CHECKED BY: JOB NO: 600894
DRAWN BY: WDD APPROVED BY: DWG NO:



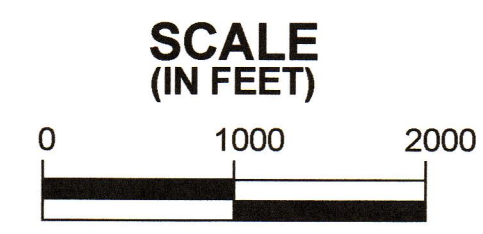
LEGEND

-  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
-  PLUGGED SALTWATER DISPOSAL WELL

 1-MILE AREA OF REVIEW
 LINE OF GEOLOGIC CROSS-SECTION
 -700 STRUCTURE CONTOUR OF TOP OF UPPER CONFINING ZONE

The diagram illustrates a well profile with the following components:

- API Number:** 26404
- Well Number:** 1-T
- Elevation Top of Upper Confining Zone (ft msl):** 10141 -444'
- Total Depth of Well:** Indicated by a downward arrow from the well head.



		Houston, South Bend, Baton Rouge,	
DRAWING 10			
NAVAJO REFINING COMPANY ARTESIA, NEW MEXICO			
STRUCTURAL CONTOUR MAP TOP OF UPPER CONFINING ZONE			
DATE: 01/14/13	CHECKED BY:	JOB NO: 6006894	
DRAWN BY: WOD	APPROVED BY:	DWS NO:	