



# WELL SCHEMATIC

Well Name : Hovenweep D3 (HD 3) Spud Date : 8/30/1997  
API # : 05-083-06583-00  
Section : 13 Township : 37N Range 19W  
Surface Hole : 2486' FNL, 2770' FEL Section 13, T37N R19W NMPM Elevation 6341'

Rig Release Date : 10/6/1997  
Completion Date : 12/19/1997  
Plugback Date : 9/9/2011  
Tbg Install Date : 5/24/2012

Updated: 8/29/12 VC

## Conductor Casing

Size 20 in  
Set at 96 ft Conductor @ 96 ft

## Surface Casing

Size 13 3/8 in  
Set at 2957 ft  
Wt. 54.5 ppf Grade K-55 surface to 2684 ft  
Wt. 61 ppf Grade K-55 2684 to 2957 ft  
Hole Size 17 1/2 in  
Est. T.O.C. surface ft

Csg Shoe @ 2957 ft

## Production Casing

Size 9 5/8 in  
Wt. 47 ppf Grade 13 CR surface to 6127 ft  
Wt. 53.5 ppf Grade 13 CR 6127 to 7575 ft  
Wt. 47 ppf Grade 13 CR 7550 to 8076 ft  
Hole Size 12 1/4 in  
Est. T.O.C. surface ft

Tubing	Run Date: 5/21/12	Top	Bottom
KB		0	20
TBG HANGER		20	31
2 JTS 4.5" 12.75# 13CR80 NK3SB SUBS		31	46
257 JTS 4.5" 12.75# 13CR80 NK3SB TBG		46	8012
9.875" x 4.5" 13CR ON/OFF TOOL		8012	8014
3.81 "F" 13CR PROFILE		8014	8015
<b>MESQUITE 9.875" x 4.5" AS1-X PACKER</b>		<b>8015</b>	<b>8023</b>
1 JT 4.5" 12.75# 13CR80 ULTRA SUB		8023	8027
3.75" F NIPPLE		8027	8029
1 JT 4.5" 12.75# 13CR80 ULTRA SLOTTED SUB		8029	8038
1 JT 4.5" 12.75# 13CR80 ULTRA TBG		8038	8048
2.81 "R" NIPPLE W/ 13CR WL RE GUIDE		8048	8050

Set Date: 5/17/12

Pkr Set @ 8015 ft

Leadville Top @ 8035'

Csg Shoe @ 8076 ft

Leadville Bottom @ 8236'

TD Date: 10/5/97  
8 1/2" Hole TD 8330'

## Conductor Cement

cement with ready-mix to surface

## Surface Cement

Date Cemented: 9/12/1997  
Lead : 1555 sx Class G, 2% gel, 6.5#/sk Flocele,  
2% CaCl2, 0.5% Veraset  
Tail : 570 sx Class G, 0.2% CFR3, 6.5#/sk Gilsonite,  
0.25#/sk Flocele, 0.3% Veraset  
Note : circ 60 bbl to pit

## Prod Cement

Date Cemented: 10/2/1997  
Lead : 3600 sx Class C, 4% gel, 0.3% HALAD 344,  
0.2% Veraset; foamed  
Tail : 2000 sx Class C, 2% gel, 0.3% HALAD 344,  
0.2% Veraset  
Note : circ 80 bbls to pit

## Plugback Cement

Date Cemented: 9/8/11 & 9/9/11  
Cmt: dumped 129gal of HIP cement  
Note: made 7 runs with dump bailer

TD Date: 9/9/11  
PBTD @ 8215'