

CURRENT WELL SCHEMATIC

Well Name Hovenweep E-3 (HE-3)
Pilot API # 05-083-06458-00
S/T API # : 05-083-06458-01
Section 35 Township 38N Range 19W
Surface Hole: 2147' FSL, 1268' FEL Section 35, T38N R19W NMPM Elevation 6449'

Spud Date: 10/18/1985
Pilot Completion Date: 11/21/1985
S/T Completion Date: 9/26/2009

Conductor Casing

Size 16 in
Set at 109 ft Conductor @ 109 ft

Surface Casing

Size 10-3/4 in
Set at 2939 ft
Wt. 40.5 ppf Grade K-55 surface to 2939 ft
Hole Size 14-3/4 in
Est. T.O.C. surface ft
Csg Shoe @ 2939 ft

Production Casing

Size	<u>7-7/8</u> in	
Wt.	<u>26.4</u> ppf	Grade <u>13 CR</u> from <u>surface</u> to <u>3830</u> ft
Wt.	<u>29.7</u> ppf	Grade <u>13 CR</u> from <u>3830</u> to <u>6068</u> ft
Wt.	<u>33.7</u> ppf	Grade <u>SS-95</u> from <u>6068</u> to <u>7675</u> ft
Wt.	<u>29.7</u> ppf	Grade <u>13 CR</u> from <u>7675</u> to <u>7697</u> ft
Wt.	<u>29.04</u> ppf	Grade <u>13 CR</u> from <u>7697</u> to <u>8149</u> ft
Hole Size	<u>9-1/2</u> in	
Est. T.O.C.	<u>surface</u> ft	

Conductor Cement

cement with ready-mix to surface

Surface Cement

Date Cemented: 10/21/1985
Lead : 1600 sx Lite, 2% CaCl2, 1/4#/sk flocele
Tail : 300 sx Class C, 2% CaCl2, 1/4#/sk flocele,
1% Halad-9
Note : circ 160 bbl to pits

Prod Cement

Date Cemented: 11/4/1985
Lead: 250 sx Class H, 4% Halad-9, .5% CFR-2, .1% HR7
2350 sx 50/50/POZ, 2% gel, 12% SA, .5% CFR-2
Tail: 100 sx Class H, 10% salt, .2% H4-A
Note : 1st stage circ 10 bbls to pits

Tubing

	<u>Top</u>	<u>Bottom</u>
KB	0	28
11" x 5.5" HANGER W/ SUB	28	31
1 JT 5.5" 17# 13CR STL TBG	31	69
3 - 5.5" 17# 13CR STL SUBS	69	96
210 JTS 5.5" 17# 13CR STL TBG	96	8044
5.5" X 3.5" 13CR X/O SUB	8044	8045
3.5" 13CR STL ON/OFF TOOL (2.81 PROFILE)	8045	8047
3.5" 13CR STL NIPPLE	8047	8047
AREOSET 7.625" X 3.5" 13CR STL PKR	8047	8055
3.5" 13CR STL SUB	8055	8059
2.75 "F" NIPPLE W/ 3.5" 13CR STL THREADS	8059	8060
3.5" 13CR STL SLOTTED SUB	8060	8070
1 JT 3.5" 13CR STL TBG	8070	8080
2.56 "R" NIPPLE W/ WLREG	8080	8083

Set Date: 11/8/85

Pkr Set @ 8047 ft

Csg Shoe @ 7675 ft

Leadville Top 8236'

DV Tool @ 7675'

Acid Date: 9/26/09

Acidize lateral w/ 7.240 gal 28% HCl

PBTD Date: 7/31/09

PBTD/KOP 8154'

Acid Date: 11/21/85

Acidize OH with 7,900 gal 15% HCl

Leadville Bottom 8356'

TD Date: 11/7/85

6-1/2"OH TD 8400'

TD Date: 7/27/09

6-1/2"OH TD 8555'

TD Date: 8/10/09

Open hole 4-3/4" 8154 - 9597' MD

TVD 8339'