

CURRENT WELL SCHEMATIC

Well Name <u>Moqui C5 (MC 5)</u>	Spud Date: <u>6/2/1985</u>	Completion Date: <u>6/25/1985</u>
Pilot API # <u>05-083-06438-00</u>	Prep Start Date: <u>8/3/2010</u>	Prep Completion Date: <u>8/19/2010</u>
S/T API # : <u>05-083-06438-01</u>	S/T Start Date: <u>9/22/2010</u>	S/T Completion Date: <u>10/19/2010</u>
Section <u>31</u> Township <u>37N</u> Range <u>17W</u>		
Surface Hole: <u>1383' FSL, 1924' FWL Section 31, T37N R17W NMPM Elevation 6762'</u>		

Conductor Casing

Size 16 in
Set at 109 ft

Conductor @ 109 ft

Conductor Cement

cement with ready-mix to surface

Surface Casing

Size 10-3/4 in
Set at 2851 ft
Wt. 40.5 ppf Grade K-55 surface to 2851 ft
Hole Size 14-3/4 in
Est. T.O.C. surface ft

Csg Shoe @ 2851 ft

Surface Cement

Date Cemented: 6/7/1985
Lead : 1550sx Lite, 2% CaCl2, 1/4#/sk flocele
Tail : 285sx Class C, 2% CaCl2, 1/4#/sk flocele, 0.6% Halad-9
Note : did not bump plug, circ 31bbl to pit

Production Casing

Size 7-5/8 in
Wt. 26.4 ppf Grade K-55 from surface to 3867 ft
Wt. 29.7 ppf Grade L-80 from 3867 to 5929 ft
Wt. 33.7 ppf Grade SS95 from 5929 to 7560 ft
Wt. 33.7 ppf Grade L-80 from 7560 to 8044 ft
Hole Size 9-1/2 in (13CR)
Est. T.O.C. ft

Prod Cement

Date Cemented: 6/21/1985
Lead: 225sx Class H, 0.4% Halad-9, 0.5% CFR-2, 0.1% HR-7
Tail: 1865sx 50/50/POZ, 2% gel, 12% salt, 0.5% CFR-2, 100sx Class H, 10% salt, 0.2% HR-4
Note : no cmt to surface

Tubing

Size 4-1/2 in Connection: NK3SB
Wt. 12.75 ppf Grade 13CR from surface to 7813 ft

Production BHA

KB	26.00
1 - 9" TBG HANGER W/ 4 1/2' MAC TOP 4 1/2" NK3SB BTM	1.90
1 - JT 4 1/2" 12.75# NK3SB 13 CHROME TUBING	31.58
1 - 4 1/2" 12.75# NK3SB 13 CHROME TUBING SUB	6.00
244JT'S - 4 1/2" 12.75# NK3SB 13 CHROME TUBING	7709.34
1 - 3 1/2" ON OFF TOOL W/ 2.81 PLUG IN PROFILE NIPPLE	1.70 TOP SET @ 7774.91'
1 - 7 5/8" ARROW SET PACKER TYPE 1-X CHROME	4.80
1 - 3 1/2" EUE CHROME TUBING SUB	3.65
1 - 3 1/2" EUE 2.75 "F" NIPPLE	1.10 Pkr Set @ 7775 ft
1 - 3 1/2" EUE CHROME SLOTTED TUBING JT.	9.65
1 - 3 1/2" EUE CHROME SLICK JT.	9.65
1 - 3 1/2" EUE 2.56 "R" NIPPLE W/ WL REENTRY GUIDE	2.08
TOTAL END OF TUBING	7813'

Csg Shoe @ 8044 ft

DV tool @ 7535'

PBTD/KOP 8052'

Open hole 4-3/4" 8052 - 9473' MD
TVD 8215'
PB to 9230' MD / 8205' TVD

Note: While drilling lateral the well started flowing (H2O), After flow testing the toe was plugged

Original OH TD 8290'