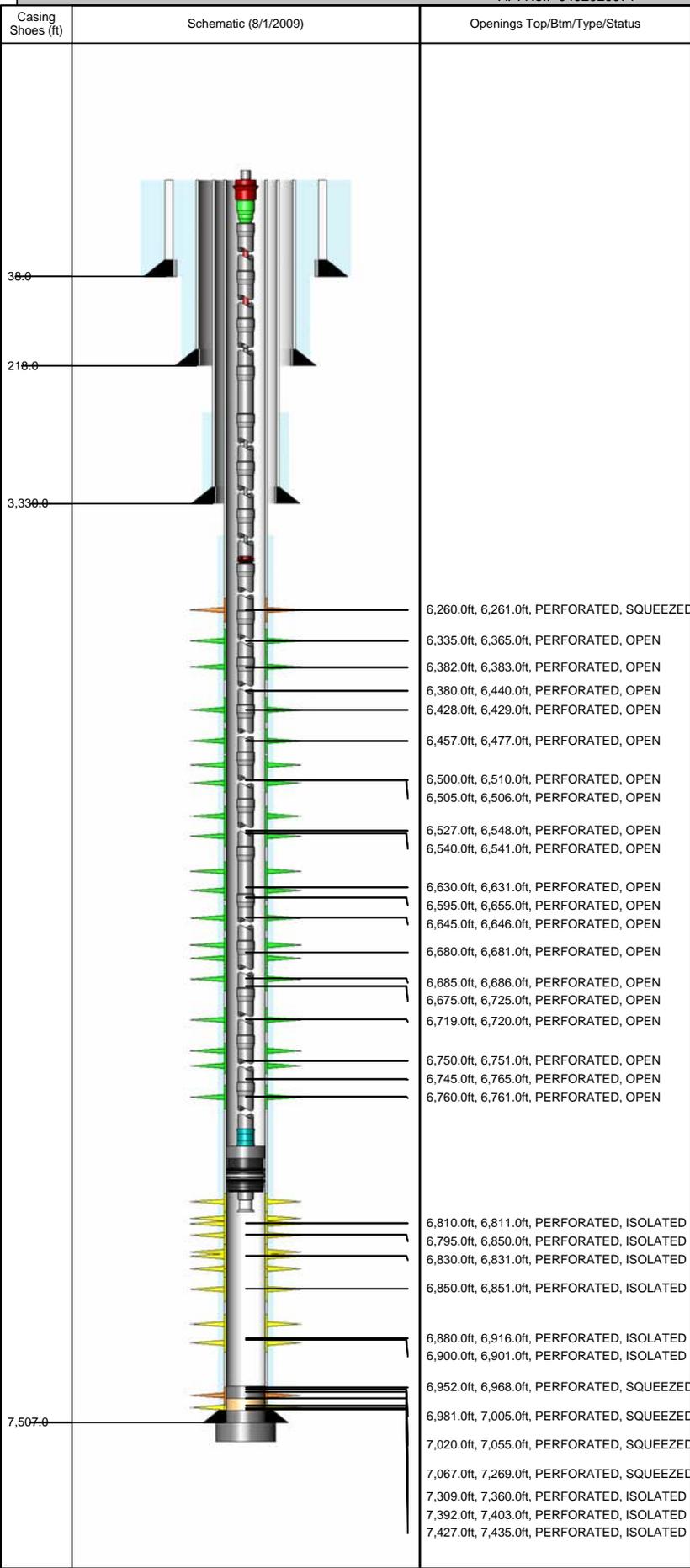


OCcidental of ELK HILLS INC
382-4G

Wellbore: ORIGINAL HOLE
 PBMD: 6,780.0ft
 Btm TMD: 7,510.0ft
 Spud Date: 10/28/1948 00:00
 BH Coord X: 6,145,224.21uss ft
 BH Coord Y: 2,285,643.93uss ft

Event: WELL MAINT - RIG
 Event End: 7/14/2009 00:00
 Sec. Reason: Low Prod--Poss Plugged Intake

Ground Level: 1,072.0ft
 Datum: ORIGINAL KB @ 1,081.00ft (default)
 API No.: 0402929071



ROD STRING			Report Date: 7/14/2009 00:00		
Component	Top MD (ft)	Btm MD (ft)			
POLROD	0.0	30.0			
PNYROD	30.0	34.0			
PNYROD	34.0	38.0			
PNYROD	38.0	46.0			
PNYROD	46.0	54.0			
ROD	54.0	84.0			
R-4PER	84.0	2,034.0			
R-4PER	2,034.0	2,634.0			
ROD	2,634.0	3,534.0			
ROD	3,534.0	6,084.0			
RSTBAR	6,084.0	6,087.0			
INSPMP	6,087.0	6,112.0			

TUBING STRING			Report Date: 7/13/2009 00:00		
Component	Top MD (ft)	Btm MD (ft)			
TH-DBB	9.0	9.6			
FATNIP	9.6	10.3			
CAS	10.3	6,083.6			
AC	6,083.6	6,085.9			
CAS	6,085.9	6,777.0			
STNIP	6,777.0	6,778.1			
CAS	6,778.1	6,809.5			
BELCOL	6,809.5	6,810.0			

PLUG BACK			Report Date: 3/22/2002 00:00		
Component	Top MD (ft)	Btm MD (ft)			
CEMENT	6,780.0	6,790.0			
BP-DR	6,790.0	6,792.0			

PLUG BACK			Report Date: 6/30/1993 00:00		
Component	Top MD (ft)	Btm MD (ft)			
CEMENT	6,930.0	7,144.0			
FILL	7,144.0	7,450.0			

PLUG BACK			Report Date: 3/16/1949 00:00		
Component	Top MD (ft)	Btm MD (ft)			
CEMENT	7,450.0	7,507.0			

PLUG BACK			Report Date: 3/13/1949 00:00		
Component	Top MD (ft)	Btm MD (ft)			
CEMENT	7,507.0	7,510.0			

CONDUCTOR CASING						Report Date: 10/28/1948 00:00			
Component	Top MD (ft)	Btm MD (ft)	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)		
CONDUCTOR CASING JOINT(S)	26.000	38.0	9.0						

SURFACE CASING						Report Date: 12/26/1948 00:00			
Component	Top MD (ft)	Btm MD (ft)	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)		
SURFACE CASING JOINT(S)	16.000	218.0	H-40	65.00	9.0				

INTERMEDIATE CASING						Report Date: 1/7/1949 00:00			
Component	Top MD (ft)	Btm MD (ft)	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)		
INTERMEDIATE CASING JOINT(S)	10.750	61.0	J-55	45.50	9.0				
INTERMEDIATE CASING JOINT(S)	10.750	2,176.0	J-55	40.50	61.0				
INTERMEDIATE CASING JOINT(S)	10.750	3,330.0	J-55	45.50	2,176.0				

PRODUCTION CASING						Report Date: 3/13/1949 00:00			
Component	Top MD (ft)	Btm MD (ft)	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)		
PRODUCTION CASING JOINT(S)	7.000	73.0	N-80	26.00	9.0				
PRODUCTION CASING JOINT(S)	7.000	6,086.0	N-80	23.00	73.0				
PRODUCTION CASING JOINT(S)	7.000	7,507.0	N-80	26.00	6,086.0				

Well: 382-4G S/T/R: 4G/31S/24E

CASING CEMENT DETAIL

 Sfc Csg. Cmt Vol. : 400 skx
 Hole Size (in.): 22"
 Top Job: no
 Rtns to Sfc : not recorded
 TTOC (ft): sfc

Interm Csg. Cmt Vol.: 800 sks
 Hole Size (in.): 15"
 Top Job: no
 Rtns to Sfc : no
 TTOC (ft): 1850' per Thermometric survey

Prod. Csg. Cmt Vol.: 500 sxs
 Hole Size (in.): 9.625
 Top Job: no
 Rtns to Sfc : no
 TTOC (ft): 4800' per Thermometric survey

Liner Cmt Vol. :
 Hole Size (in.):
 Top Job:
 Rtns to Sfc :
 TOC (ft):

 Top of Formation:
 UBA: 6980'
 BLW: N/A

Volume Behind Pipe:
 1.3 Yield Assumed
 Theoretical Calculations (TTOC)