Burlington

Current Schematic

ConocoPhillips

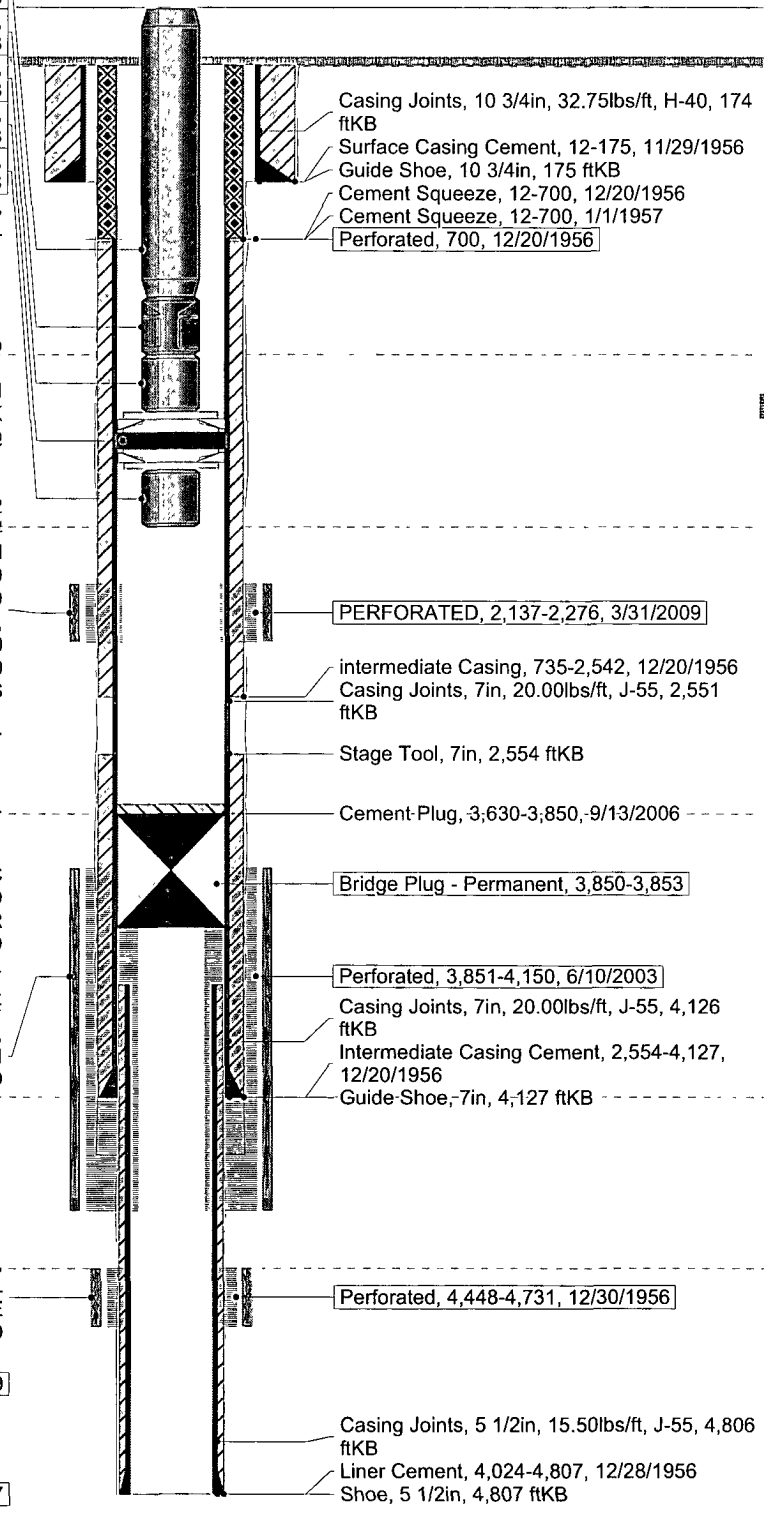
Well Name: THURSTON LS #1

API / UWI	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type
3004510151	031-031N-011W	HBR_SAN JUAN		NEW MEXICO	

Ground Elevation (ft)	Original KB Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,828.00	5,840 00	12 00		

Well Config: - Original Hole, 4/19/2009 3:46:57 AM

ftKB (MD)	Schematic - Actual	Frm Final
6	Tubing, 3 1/2in, 9.30lbs/ft, L-80, 1,760 ftKB	
	Profile Nipple, 3 1/2in, 9.30lbs/ft, L-80, 1,761 ftKB	
12	Tubing, 3 1/2in, 9 30lbs/ft, L-80, 1,792 ftKB	
174	Packer, 5 3/4in, 9.30lbs/ft, J-55, 1,800 ftKB	
175	Tubing, 3 1/2in, 9.30lbs/ft, J-55, 1,804 ftKB	
700	Hyd Frac-Gelled N2, 4/1/2009, FRUITLAND COAL STIMULATION· (2,137'-2,276')	
1,760	START 2% KCL WATER BREAKDOWN THE ZONE AT no break. START 12 BBLS OF 10% FORMIC ACID AT 5.0 BPM AT 1237 PSI. START X-LINK PRE-PAD 90 BBLS @ 15 BPM @ 1490 PSI,	
1,792		
1,800		
1,804	FRAC THE ZONE WITH 133,392 GALS· OF 75 QUALITY·25# LINER GELL FOAM AT 30 BPM WITH , W/ 121,011# 20/40 BRADY SAND RAN B271 3.0 GL/1000, J318 @ 1.0 GAL/1000, J218 @ 7.0 GL/1000, J479 @ 4.0 GL/1000. TOTAL N2: 2,2,300,600 SCF PUMPED 9.6 BBLS FLUIDW/ 13,900 SCF N2 FLUSH MIN RATE: 17 BPM. MAX RATE· 33 BPM AVG. RATE· 28 BPM.	
2,137		
2,276		
2,551		
2,554		
3,850	MIN. PSI: 1136 PSI MAX. PSI. 3200 PSI AVG. PSI: 2850 PSI MAX. SAND CONC· 10 1 PPA. ISIP. 1460 PSI FRAC GRADIENT. 9 PSI/FT. (BASED OFF ISDP) FLUID TO RECOVER (BREAKDOWN, ACID AND FRAC· 794.2 CLEAN BBLS). PUMPED 924 5 SLURRY BBLS. TOTAL N2 USED 1,312,400 SCF Hyd Frac-Foam N2, 6/10/2003, STIM MENEFEE W/70% FOAM W/84000# SAND	
3,851		
3,853		
4,024		
4,126		
4,127		
4,135		
4,150		
4,448	Hyd Frac-Slickwater, 12/30/1956, WATER FRAC W/59,500 GAL WATER, 60,000# RADIOACTIVE SAND	
4,731		
4,749	PBTD, 4,749	
4,806		
4,807	TD, 4,807	



RCVD MAY 14 '09
OIL CONS. DIV.
DIST. 3