

Permit Information:**OCD - HOBBS****06/27/2016****RECEIVED**Well Name: Braswell 16 State Com No. 705H **30-025-43321****Location:**

SL: 180' FSL & 1902' FWL, Section 16, T-26-S, R-33-E, Lea Co., N.M.

BHL: 2409' FSL & 2312' FWL, Section 9, T-26-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
14.75"	0 - 875'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-8,000'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
8.75"	8,000'-10,800'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0'-19,684'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
875'	375	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	200	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
10,800'	550	14.4	1.20	50:50 PozLClass H + 0.25% CPT-20A + 0.40% CPT-49 + 0.20% CPT-35 + 0.80% CPT-16A + 0.25% CPT-503P
	1400	14.8	1.42	Class C + 5% Gypsum + 3% CaCl ₂ + 0.1 gps Plexfoam 7
19,684'	990	14.4	1.34	65:35 Class H + 0.2% C-20 + 0.75% C-41P + 0.05% CSA-1000 + 5% MagOx + 0.35% C-47B (TOC @ 10,300')

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 875'	Fresh - Gel	8.6-8.8	28-34	N/c
875' - 10,800'	Brine	8.7-9.4	58-68	N/c - 6
10,800' - 11,703'	Oil Base	8.7-9.4	58-68	N/c - 6
11,703' - 19,684' Lateral	Oil Base	9.0-11.5	58-68	N/c - 6

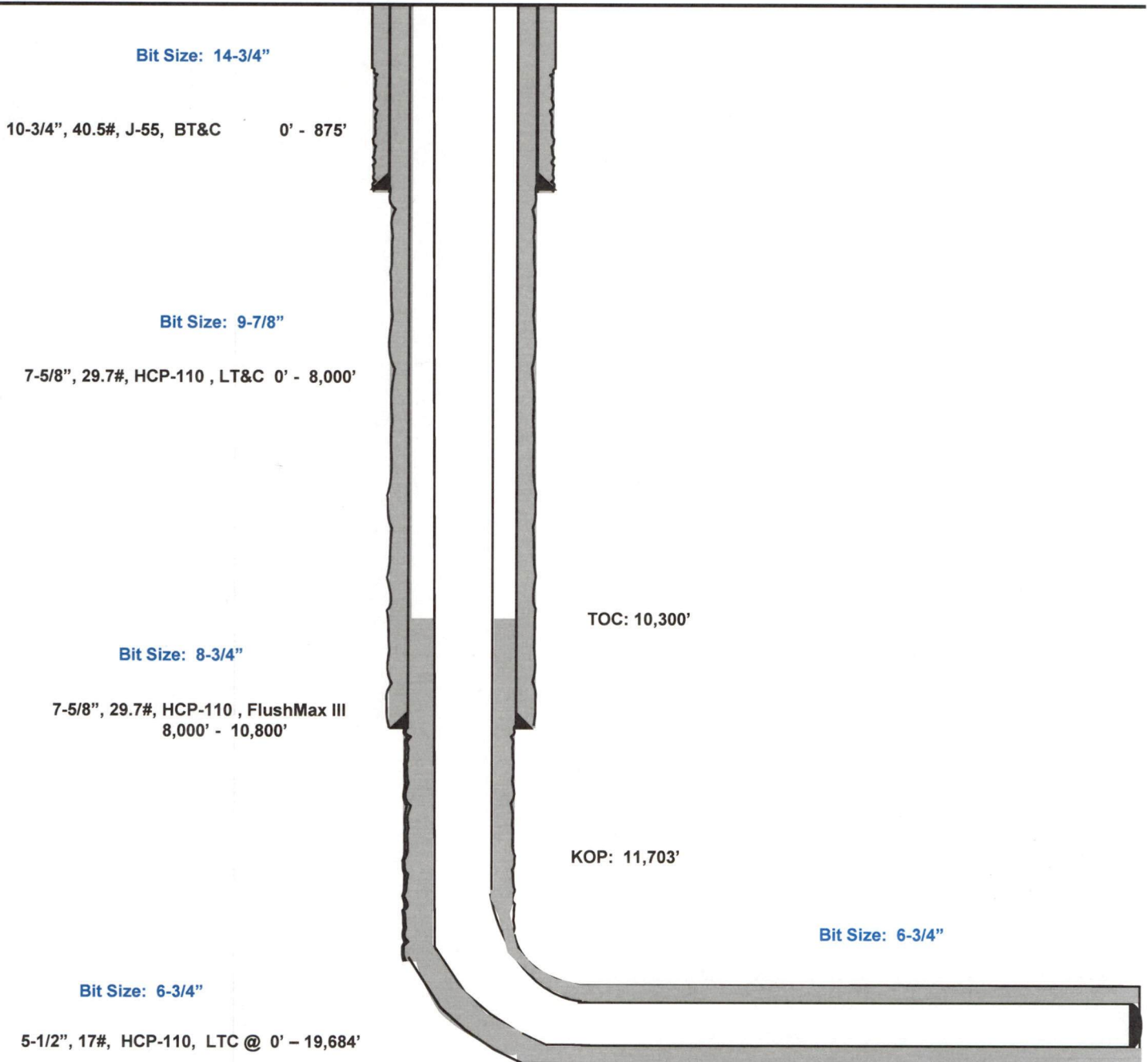
Braswell 16 State Com #705H

Lea County, New Mexico
Proposed Wellbore

180' FSL
1902' FWL
Section 16
T-26-S, R-33-E

API: 30-025-*****

KB: 3,296'
GL: 3,271'



Lateral: 19,684' MD, 12,275' TVD

BH Location: 2419' FSL & 2312' FWL
Section 9
T-26-S, R-33-E