

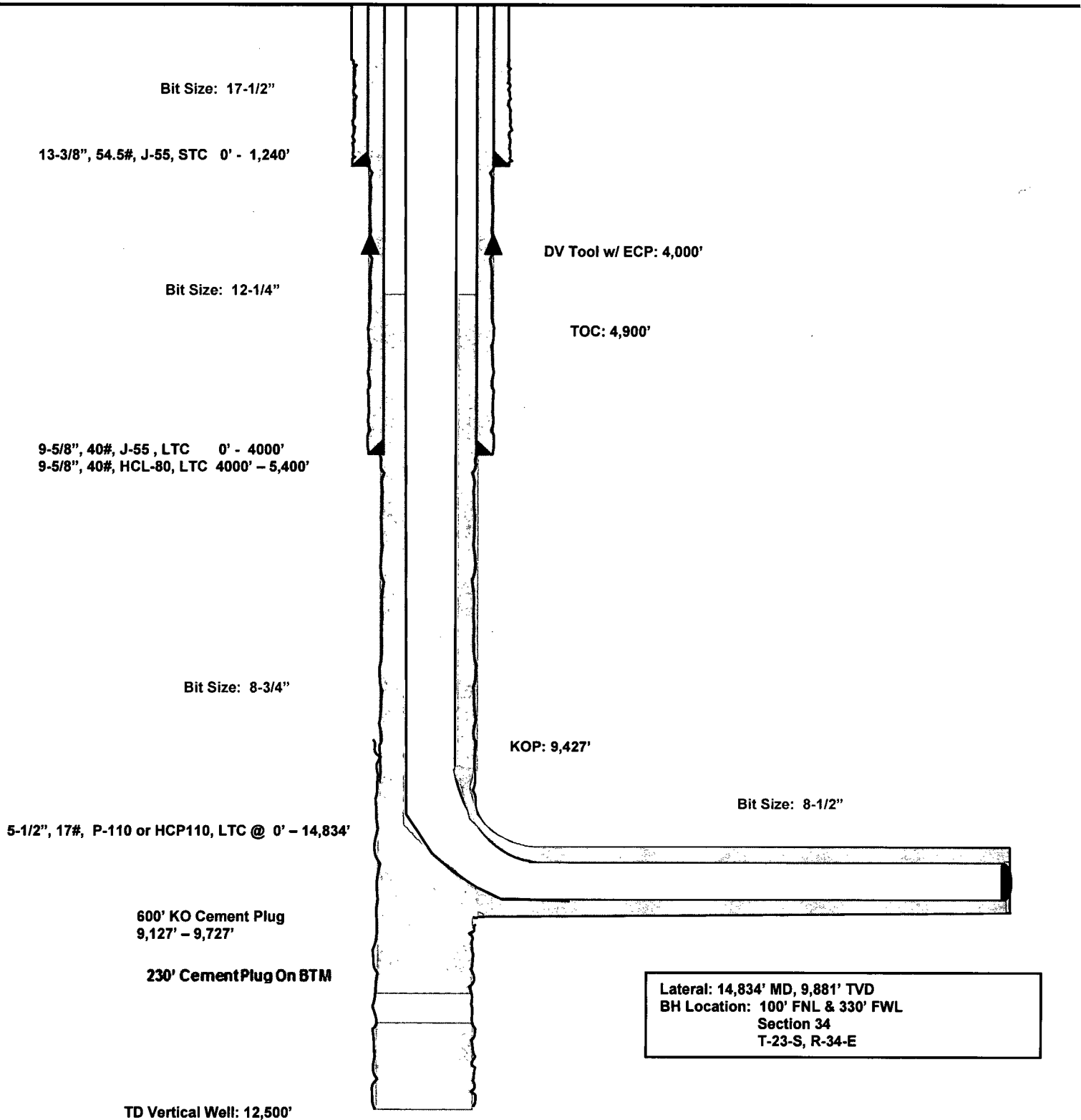
Gladiator 34 State Com #301H
Lea County, New Mexico

Proposed Wellbore

328' FSL
792' FWL
Section 34
T-23-S, R-35-E

API: 30-025-*****

KB: 3,432'
GL: 3,407'



EOG RESOURCES, INC.
GLADIATOR 34 STATE COM #301H

Permit Information:

Well Name: Gladiator 34 State Com No. 301H

Location:

SHL: 328' FSL & 792' FWL, Section 34, T-23-S, R-34-E, Lea Co., N.M.

BHL: 100' FNL & 330' FWL, Section 34, T-23-S, R-34-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0' – 1,240'	13.375"	54.5#	J-55	STC	1.125	1.25	1.60
12.25"	0' – 4,000'	9.625"	40#	J-55	LTC	1.125	1.25	1.60
12.25"	4,000' – 5,400'	9.625"	40#	HCL-80	LTC	1.125	1.25	1.60
8.75"	0' – 9,427'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60
8.5"	9,427' – 14,834'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Mix Water Gal/sk	Slurry Description
13-3/8" 1,240'	1075	13.5	1.74	9.17	Class C + 4% Gel + 2% CaCl ₂ + 0.25 pps Celloflake (TOC @ Surface)
	385	14.8	1.34	6.35	Class C + 2.0% CaCl ₂
9-5/8" 5,400' DV Tool w/ ECP @ 4,000'	235	12.7	1.90	9.96	Stage 1 Lead: 35:65 Poz:Class C + 3.0% Salt + 6.0% Gel + 0.4% CPT-20 + 0.5% CPT-45 (TOC @ 4,000')
	200	14.8	1.33	6.32	Stage 1 Tail: Class C + 0.2% CPT-19
	785	12.7	1.90	9.96	Stage 2 Lead: 35:65 Poz:Class C + 3.0% Salt + 6.0% Gel + 0.5% CPT-45 + 0.2% CPT-20 (TOC @ Surface)
	100	14.8	1.33	6.32	Stage 2 Tail: Class C + 0.2% CPT-19
12,500'	110	17.8	0.91	4.81	230' Btm Hole Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
9,127' - 9,727'	350	17.8	0.91	4.81	600' Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
5-1/2" 14,834'	220	11.0	3.21	19.24	50:50 Poz:H + 5.0% Salt + 3.0% CPT-45 + 0.4% CPT-503P + 1.0% CPT-19 + 5.0% Gypsum + 0.15% CPT-20 + 0.15% Citric Acid (TOC @ 4,900')
	850	14.4	1.20	4.81	50:50 Poz:H + 0.25% CPT-503P + 0.8% CPT-16A + 0.2% CPT-35 + 0.4% CPT-39 + 0.25% CPT-20

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0' – 1,240'	Fresh - Gel	8.6-8.8	28-34	N/c
1,240' – 4,455'	Brine	10.0-10.2	28-34	N/c