

EOG RESOURCES, INC.
SAVAGE 2 STATE COM #505Y

Permit Information:

Well Name: Savage 2 State Com #505Y

Location:

SHL: 472' FNL & 2211' FEL, Section 2, T-25-S, R-32-E, Lea Co., N.M.

BHL: 100' FSL & 2570' FWL, Section 2, T-25-S, R-32-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' - 955'	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' - 4,740'	9.625"	40#	HCL-80	LTC	1.125	1.25	1.60
8.75"	0' - 15,505'	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
955'	450	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	230	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
4,740'	480	9.0	3.5	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	330	14.4	1.20	Tail: Class C + 10% NaCl + 3% MagOx
15,505'	630	11.0	3.21	Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 4,240')
	1,430	14.4	1.2	Tail: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0' - 955'	Fresh - Gel	8.6-8.8	28-34	N/c
955' - 4,740'	Brine	10.0-10.2	28-34	N/c
4,740' - 10,040'	Cut Brine	8.4-9.0	28-34	N/c
10,040' - 15,505' Lateral	Cut Brine	9.0-9.5	40-42	8-10

Savage 2 State Com #505Y
Lea County, New Mexico

Proposed Wellbore

472' FNL
2211' FEL
Section 2
T-25-S, R-32-E

API: 30-025-*****

KB: 3,555'
GL: 3,530'

Bit Size: 17-1/2"

13-3/8", 54.5#, J-55, STC 0' - 955'

Bit Size: 12-1/4"

9-5/8", 40#, J-55, LTC 0' - 4000'
9-5/8", 40#, HCL-80, LTC 4000' - 4,740'

Bit Size: 8-3/4"

5-1/2", 17#, P-110 or HCP110, LTC @ 0' - 15,505'

TOC: 4,240'

KOP: 10,040'

Bit Size: 8-3/4"

Lateral: 15,505' MD, 10,576 TVD
BH Location: 100' FSL & 2570' FWL
Section 2
T-25-S, R-32-E