

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

AMENDED REPORT

EOG RESOURCES, INC.
OSPREY 10 #302H

Revised Permit Information 11/7/2019:

Well Name: Osprey 10 #302H

Location:

SHL: 200' FSL & 1700' FWL, Section 10, T-25-S, R-34-E, Lea Co., N.M.

BHL: 2535' FSL & 2310' FWL, Section 3, T-25-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' - 940'	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"	4000' - 5210'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0' - 10,644'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60
8.5"	10,644' - 17,932'	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
940'	410	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	160	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
5,210'	470	9.0	3.5	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	320	14.4	1.20	Tail: Class C + 10% NaCl + 3% MagOx
17,932'	1,590	11.0	3.21	Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 4,710')
	2,550	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' - 940'	Fresh - Gel	8.6-8.8	28-34	N/c
940' - 5,210'	Brine	10.0-10.2	28-34	N/c
5,210' - 9,894'	Cut Brine	8.4-9.0	28-34	N/c
9,894' - 17,932' Lateral	Oil Base	9.0-9.5	40-42	8-10