

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Intent ☒ As Drilled ☐

JUL 30 2018

API #
30-015-45130

RECEIVED

Operator Name: EOG Resources, Inc.	Property Name: Thomas	Well Number 9H
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322163

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	7	19S	25E		2365	N	523	E	Eddy
Latitude 32.6764755					Longitude -104.5172619				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	8	19S	25E		1919	N	1420	W	Eddy
Latitude 32.6776093					Longitude -104.5152375				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	8	19S	25E		1954	N	100	E	Eddy
Latitude 32.6776720					Longitude -104.4986224				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☒

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name: EOG Resources, Inc.	Property Name: Thomas	Well Number 8H

KZ 06/29/2018

State Permit Information:**Well Name:** Thomas #9H**Location:**

SL: 2365' FNL & 523' FEL, Section 7, T-19-S, R-25-E, Eddy Co., N.M.

BHL: 1954' FNL & 100' FEL, Section 8, T-19-S, R-25-E, Eddy Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
12.25"	0'-1250'	9.625"	36#	J-55	LTC	1.125	1.25	1.60
8.75"	0-2246'	7"	29#	L-80	BTC	1.125	1.25	1.60
8.75"	2246'-7774'	5 1/2"	17#	L-80	BTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. lb/gal	Yld Ft ³ /ft	Slurry Description
1250'	265	12.9	1.97	Lead: Class 'C' + 4%PF20(Bentonite Gel) + 2%PF1(Calcium Chloride) + 0.125#/skPF29(Celloflake) + 0.4#/skPF45 (Defoamer) 100% Excess (TOC @ Surface)
	200	1.34	1.34	Tail: Class 'C' + 2%PF1(Calcium Chloride)
7774'	185	11.9	2.47	Lead: Class 50/50 PozC + 5%PF44(BWOW)(Salt) + 10% PF20(Bentonite Gel) +.2%PF153(Anti Settling Agent(+ 3#/sk OF42(Kolseal) + 0.125#/sk PF29 (celloflake) + 0.4#/sk PF45 (Defoamer) (TOC @ Surface) 35% Excess
	1275	13	1.48	Tail: Class PVL + 1.3% PF44(BWOW)(Salt) + 5% PF174 (Expanding Cement) + 0.5% PF606 (Fluid Loss) + 0.1% PF153 (Anti Settling Agent) + 0.4#/sk PF45 (Defoamer) 35% Excess

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1250'	Fresh Water	8.6-8.8	28-32	N/c
1,250' - 7774'	Cut Brine	8.8-9.2	28-32	N/c
Vertical/Curve/Lateral				