

Permit Information:

Well Name: Condor 32 State No. 2

Location:

SL: 1,600' FNL & 1100' FEL, Section 32, T-25-S, R-34-E, Lea Co., N.M.

30-025-42621

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 - 945'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4,000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	4,000' - 5,150'	9.625"	40#	HCK55	LTC	1.125	1.25	1.60
8.750"	0'-13,500'	7"	26#	HCP110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
945'	300	13.5	1.73	Lead: 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	Tail: Class C + 0.005 pps Static Free + 2% CaCl ₂ + 0.25 pps CelloFlake + 0.005 gps FP-6L
5,150'	775	12.7	2.22	Class C + 2% SMS + 0.8% R-3 + 0.25 pps CelloFlake + 0.005 pps Static Free (TOC @ surface)
	200	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
13,500' TOC @ 4650'	200	11.0	3.68	60:40:8 Class C:Poz:Gel + 8% Gel + 0.20% C-45 + 6% STE + 0.5% C-41P + 0.2% Citric Acid + 0.05% C-19 + 0.1% CSA-1000 + 8 pps Plexcrete + 8 pps Kol Seal + 4 pps Gyp Seal + 0.15% C-47B (TOC @ 4650')
	575	14.4	1.38	65:35:0 Class H:Poz:Gel + 0.15% C-20 + 0.75% C-41P + 0.25% C-19 + 0.05% CSA-1000 + 5.0% Magnesium Oxide + 3 pps Plexcrete + 0.25% C-47B

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 945'	Fresh - Gel	8.6-8.8	28-34	N/c
1235' - 5,150'	Oil Base	8.7-9.4	58-68	N/c - 6
5,150' - 13,500'	Oil Base	8.7-9.4	58-68	N/c - 6

JUL 08 2015

Condor 32 State #2
Lea County, New Mexico

1600' FNL
1100' FEL
Section 32
T-25-S, R-34-E

Proposed Wellbore

API: 30-025-

KB: 3342'
GL: 3317'

