

GENERAL DRILLING PROGRAM- Attachment to Form C-101

Southwestern Energy Production Company- Bimini "13" State #3

Surface Location: 1850' FSL 1650' FWL

Proposed Bottom Hole Location: 2250' FSL 1735' FWL

Point of Entry (Blinebry @ 6975' TVD): 2150' FSL 1700' FWL

Section 13-T17S-R35E

Lea County, New Mexico

Elevation: 3916' GR

Proposed Total Depth: 7250' TVD / 7312' MD

Estimated Formation Tops (TVD)

Rustler	1760'
Base of Salt	2050'
Seven Rivers	3480'
Queen	4070'
Glorieta	6150'
Blinebry	6930'

Casing/Cement Program

26"	20" Conductor pipe	40'	ready mix	surface
17-1/2"	13-3/8" 54.5# J-55 ST&C	400'	355 sx 15:85 Poz: Class C + 0.25 pps D29+2% S1+2% D20	surface
12-1/4"	8-5/8" 32# J-55 ST&C	3400'	Lead:915 sx 35:65 Poz: Class C + 6% D20+ 0.25 pps D29+5% D44 Tail: 200 sx Class C+ 2% S1	surface
7-7/8"	4-1/2" 11.6# N-80 LT&C	7250'	400 sx 50:50 Poz: Class H + 5% D44 +2% D20+0.4% D59+ 0.2% D65	5600'

Drilling Fluids Program

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Comments</u>
0-400'	8.6-9.0	32-35	NC	spud mud, paper
400'-3400'	9.0-10.3	32-34	NC	fresh/brine water, native oil, caustic, paper, lime
3400'-6000'	8.3-8.4	28-29	NC	fresh/cut brine, paper, lime
6000'-7250'	8.6-9.0	34-40	12-15 cc	soda ash, fresh gel, caustic, drispac

Blowout Prevention Program- Attachment to Form C-101

0'-400'	None
400'-3400'	20" 2000# annular preventer system.