

NIGHTHAWK PRODUCTION LLC

SNOWBIRD 16-15
SE SE Sec 15, T6S, R54W
LINCOLN COUNTY, COLORADO
API No. 05-73-06561-00

PROPOSED

ELEVATION
R.B. 5,256
G.L. 5,241
KB 15'
BHT 210'
BHP
Spud date: 09/25/14
TD Date: 10/10/14
Completion 11/04/14

Lat: 39.522910
Long: 103.419160
620' FSL 772' FEL

Not to scale

Prepared By: Joe Rezendes
Date: 4/7/2016

Geological tops:

Niobrara	3740	Atoka	7633
Dakota	4620	Morrow	7860
Dockum	5170	M 2	8028
Wolfcamp	6186	M 1	8052
LKC	6910	Spergen	8106
Marmaton	7221	Simpson	8173
Cherokee	7455	Granite Wa	8313

Drilled hole 12 1/4"
SURFACE CSG: 9 5/8" 36# J55 ST&C @ 309'
Cmt: 185 sks Class G 14 PPG, 1.54 yield,
7 bbls cmt to surface

Drilled hole 8 3/4"
Production Casing: 5 1/2" 17# N80 LT&C @ 8,399'
Cmt: Lead: 1155 skx TIX 12 ppg
Cmt: Tail: 480 skx TIX 13 ppg
Cmt to surface, 85 bbls

Production Tubing

5 1/2" 17# N80

I.D.	4.892
Drift	4.767
Burst	7,740
Lin ft/bbl	43.01
BBL/linft	0.0232

2 7/8" J55 EU 8RD

I.D.	2.441
Drift	2.347
Burst	7,260
Lin ft/bbl	172.7500
BBL/linft	0.00579

2 7/8" X 5 1/2"

Lin ft/bbl	65.71
BBL/linft	0.0152

	Qty	Length	Depth in hole
Tubing			
KB difference			0.00
Compression			0.00
2 7/8" EU 8RD J55 tbg			0.00
ON-OFF tool W/2.31 profile			0.00
5 1/2" X 2 7/8" ASI PKR			0.00
Seating Nipple			0.00
			0.00

Marmaton
7,266'-7,274' Squeezed

7,396'-7,404' Squeezed

Cherokee
7,428'-7,431' Squeezed

On-Off Tool, nickle coated, 2.31 Profile.

ASI packer, Nickle coated.

Spergen
8,141'-8,146'

PBTD @
Collar @ 8,306'
Shoe @ 8,399'

TD 8,400'

