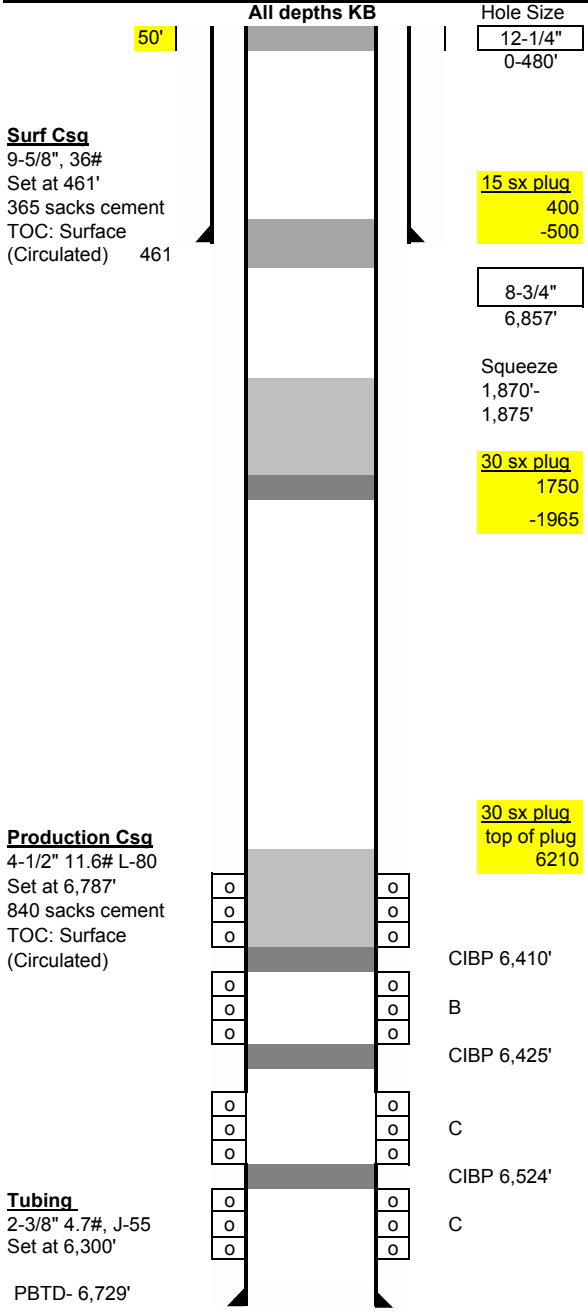
ROBERT L BAYLESS, PRODUCER LLC
PO Box 168
Farmington, New Mexico 87499
505-326-2659
505-326-6911 fax

PA Wellbore Schematic

Well Name:	HELLS HOLE 18-9	Date Prepared:	8/11/2015
S.H.Location:	SESE 18-2S-103W 463' FSL 222' FEL	Last Updated:	5/20/2015
B.H. Location:	NESE 18-2S-103W 2,017' FSL 816' FEL	Spud Date:	11/15/2008
County:	Rio Blanco County, Colorado	Completion Date:	10/15/2009
API #:	05-103-11407	Last Workover Date:	5/20/2015
Co-ordinates:			
Elevations:	GROUND: 6570'		
	KB: 14'		
Depths (KB):	PBTD: 6729'		
	TD: 6857'		



Surface Casing: (11/18/2008)
9-5/8", 36#, J-55 casing at 480'.
Cemented with 365 sacks with 2%CACL2,1/4# FLOCELE

Production Casing: (12/10/2008)
Drilled 8-3/4" hole. Set 4.5", 11.6# L-80 casing (4.000" ID) @ 6,729'
Cemented with 630 sks Premium Grade G 11.0#/gal, wtr 23 gal/sk, yield 3.82 cf/sk
and tailed in with 210 sks 13.1 # 65/35 POZ
TOC @ SURFACE (CIRCULATED)

Tubing: (02/27/2015)	Length (ft)
2-3/8" Tubing 4.6#/ft J-55 EUE Sub	8.1
2-3/8" Tubing 4.6#/ft J-55 EUE Sub	6.10
2-3/8" Tubing 4.6#/ft J-55 EUE Sub	6.00
2-3/8" Tubing 4.6#/ft J-55 EUE -196 jts	6345.80
Seat Nipple	1.1
Tail Joint	19.00
Set at	6400.10 ft

Rods:	Length (ft)
Polish Rod	16
3/4" Guided Rods - 72	1800
3/4" Slick Rods-164	4100
3/4" Guided Rods - 15	375
1-1/4" Sinker Bars-3	75
2 x 1-1/2" x 20 ft Pump	20
	6400

Perforations: (10/15/2009)

DAKOTA A 6,361'-6,399'	UPPER DAKOTA C 6,484'-6,490'
DAKOTA B 6,415'-6,421'	UPPER DAKOTA C 6,502'-6,508'
DAKOTA B 6,428'-6,440'	LOWER DAKOTA C 6,528'-6,538'
	LOWER DAKOTA C 6,550'-6,568'

Initial Test:

Formations: (e-log)		
MESAVERDE	493	6091
UPPER SEGO	1786	4798
LOWER SEGO		
CASTLEGATE	2320	4264
MANCOS	2576	4008
MANCOS A	3208	3376
MANCOS B		
BASE MANCOS	3822	2762
MID-LOWER MANCOS		
FRONTIER		
DAKOTA	6364	220
CEDAR MOUNTAIN	6485	99
MORRISON	6625	-41
TD	6857	-273