

Skelly Unit #965 Wellbore Diagram

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 Updated: 01/15/13 By: TPQJ
 Lease: Skelly Unit
 Field: Fren - Paddock
 Surf. Loc.: 990' FSL & 990' FWL
 Bot. Loc.:
 County: Eddy St.: NM
 Status: Active Oil Well

Well #: 965 Fd./St. #:
 API: 30-015-34647
 Surface Tshp/Rng: S-17 & E-31
 Unit Ltr.: M Section: 15
 Bottom hole Tshp/Rng:
 Unit Ltr.: Section:
 Directions: Carlsbad, NM
 Chevno: JC7203

Surface Casing
 Size: 13 3/8"
 Wt., Grd.: 48# H-40
 Depth: 425
 Sxs Cmt: 448
 Circulate: Yes, 165
 TOC: Surface
 Hole Size: 17 1/2"

Intermediate Casing
 Size: 8 5/8"
 Wt., Grd.: 32# J-55
 Depth: 1,809
 Sxs Cmt: 800
 Circulate: Yes, 180
 TOC: Surface
 Hole Size: 12 1/4"

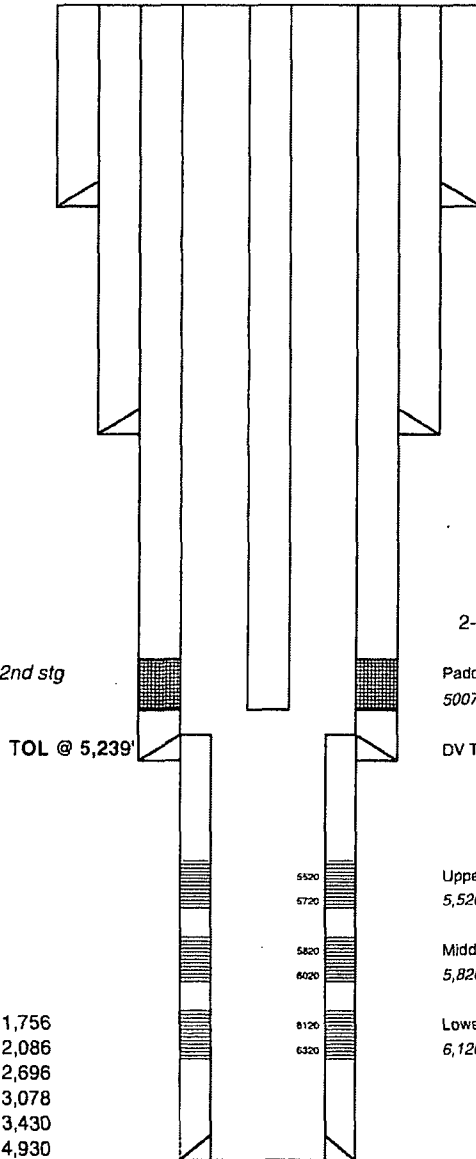
Production Casing
 Size: 5 1/2"
 Wt., Grd.: 17# J-55
 Depth: 5,364
 Sxs Cmt: 1,075
 Circulate: Yes*, 252
 TOC: Surface
 Hole Size: 7 7/8"
 *DV Tool @ 4726', Circ 1st & 2nd stg

Production Casing
 Size: 4"
 Wt., Grd.: 11.6# L-80
 Depth: 6,619
 Sxs Cmt: ?
 Circulate: ?
 TOC: 5,239'
 Hole Size: 4-3/4"
 *DV Tool @ 5241

Geology - Tops
 Yates 1,756
 Seven Rivers 2,086
 Queen 2,696
 Grayburg 3,078
 San Andres 3,430
 Glorietta 4,930
 Paddock 5,007

Perforations
 5007-5216.5' (Squeezed)
 5,520 - 5,720'
 5,820 - 6,020'
 6,120 - 6,320'

PBTD: 6,550'
 TD: 6,619'



KB: 3,863
 DF:
 GL: 3,849
 Ini. Spud: 05/16/06
 Ini. Comp.: 06/06/06

History

6/6/06 Ini Comp: Perf 5007-5216.5 (63 holes), PPI acid 2800 gal 15% HCl, Set pkr @ 4906', acid 32000 gal 20% HCl 54000 gal 40# linear gel, 5000 gal 15% HCl, 2 7/8 tbg, SN 5222. IP 500 300w 100g
 2/21/12: Deepen well to Blinbry. Squeeze existing Paddock perfs. Deepened to 6,619' & cement in 4" liner.

Perf Lower Blinbry (6,120 - 6,320' w/ 1 SPF (24Holes) Acidize w/ 2,500 G 15%. Frac w/ 116,952 G D200 R15 + 147,027# 16/30 sand; flush w/ 750 G 15% + 56 bbls gel.

Perf Middle Blinbry (5,820 - 6,020' w/ 1 SPF (24 holes). Acidize w/ 1,500 G 15%. Frac w/ 110,964 G D200 R15 + 137,713# 16/30 sand; flush w/ 750G 15% + 52 bbls gel.

Perf Upper Blinbry (5,520 - 5,720' w/ 1 SPF (26 holes) Acidize w/ 1,500 G 15%. Frac w/ 119,144 G D200 R15 + 114,847# 16/30 sand; flush w/ 63 bbls gel.

Drill out plugs, CO hole. Back off 4" casing at DV tool at 5,239'.

2-7/8" Production Tubing

Paddock Perfs (Squeezed)
 5007 - 5217'

DV Tool @ 5,239' - top of 4" liner

Tubing Detail

2-7/8" Tbg
 TAC
 SN

Upper Blinbry
 5,520 - 5,720'

Middle Blinbry
 5,820 - 6,020'

Lower Blinbry
 6,120 - 6,320'