

Goetze, Phillip, EMNRD

From: Goetze, Phillip, EMNRD
Sent: Thursday, August 28, 2014 11:41 AM
To: jamesbruc@aol.com; Gary Larson (glarson@hinklelawfirm.com)
Cc: Ezeanyim, Richard, EMNRD; Dawson, Scott, EMNRD; McMillan, Michael, EMNRD
Subject: Case No. 15059 - Request for Proposed Completion Diagram
Attachments: C-108 Blue Quail OCD MOD SWD #1 F-11-25S-32E.PDF; C-108 Blue Quail OCD MOD Pg 10-10A1 F-11-25S-32E.PDF

RE: Case No. 15059 - Request for Proposed Completion Diagram

Gentlemen:

Attached are the two items submitted to me in response to my e-mail dated Friday, August 22, 2014. Of the two attachments, the well completion diagram satisfies the information requested. PRG

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Mesquite SWD, Inc.
 Blue Quail SWD #1
 2100' FNL & 1660' FWL
 Sec. 11, T25S-R32E Lea County, NM

API 30-025-NA

Proposed Drilling/Completion of Blue Quail SWD #1 Well

Proposed New Well Completion Diagram

API: 30025xxxxx
 Operator: Mesquite SWD, Inc.
 Lease: Blue Quail SWD
 Location: Sec 11, T25S-R32E Lea Co., NM
 Footage: 2100' FNL & 1660' FWL

Well No: 1

KB: 3517 Est
 GL: 3497 Est

Surface Csg

Size: 13-3/8" 48# H-40
 Set @: 860
 Sxs cmt: 560
 Circ: Yes
 TOC: Surface
 Hole Size: 17-1/2"

Intermediate Csg

Size: 9--5/8" 36/40# J55/N80
 Set @: 4550
 Sxs cmt: 1255
 Circ: Circ to Surface
 TOC: Surface
 Hole Size: 12-1/4"

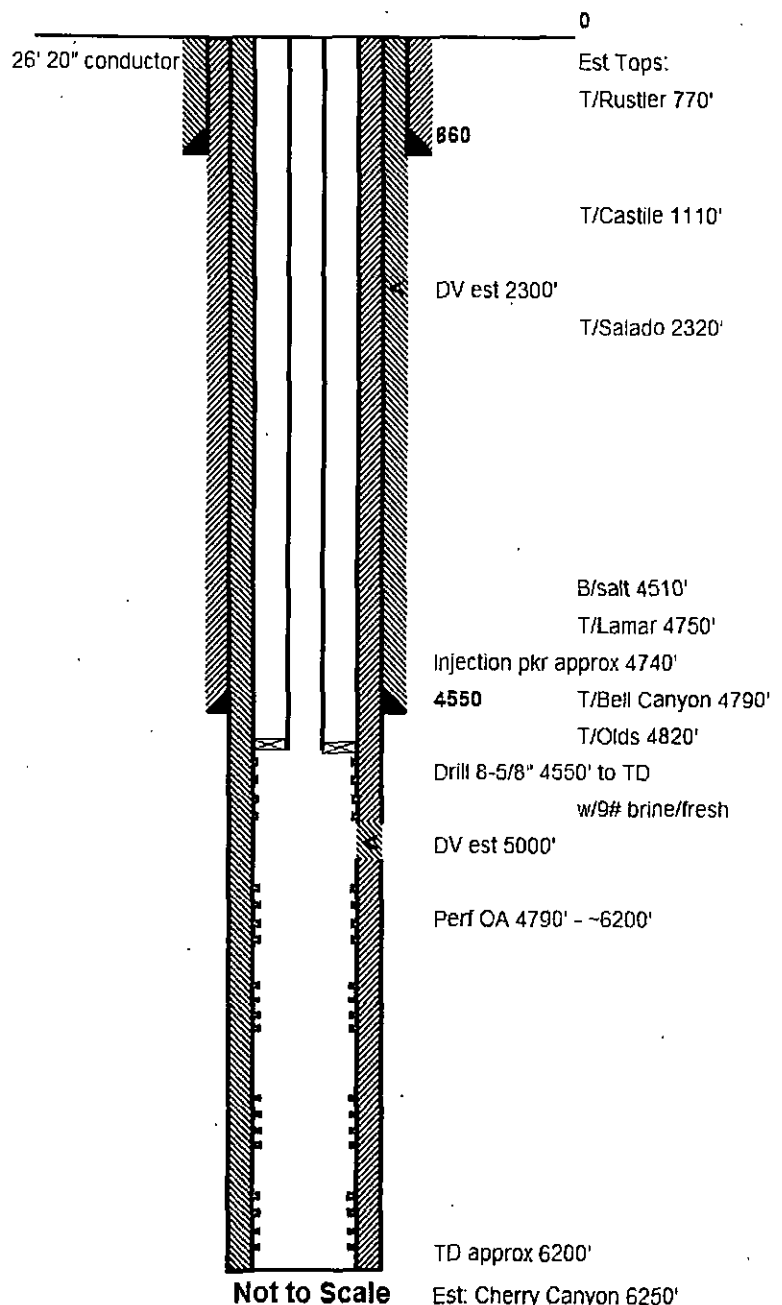
Production Csg

Size: 7" 23/26# J-55
 Set @: ~6200
 Sxs cmt: 850
 Circ: Circ to Surface
 TOC: Surface
 Hole Size: 8-5/8"

Cmt calc @50% excess

Tubular requirements (made-up):
 4740' 4-1/2" L/N80 12.75# upset Fiberglass lined
 Lok-Set (or equivalent) Packer set approx 4740'

Load tubing annulus w/corrosion inhibitor
 Complete surface head for disposal



Mesquite SWD, Inc.
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2100' FNL & 1660' FWL
Sec. 11, T25S-R32E Lea County, NM

API 30-025-NA

Cement Program:

13-3/8" 48# H-40 Set 860' w/560 sx cmt
360 sx C + 4% PF20 + 2% PF1 + .125 pps FR29 + .4 pps PF45
Density 13.5 Yield 1.75 H²O 9.137

200 sx C + 2% PF1
Density 14.8 Yield 1.34 H²O 6.321

9-5/8" 36#/40# J-55/N-80 Set 4550' w/1255 sx cmt
Stage 1
415 sx 35/65 Poz/C + 5% (BWOW) PF44 + 6% PF20 + 1% PF1 + .125 pps pf29 + .4 pps PF45 + 3 pps
PF42
Density 12.9 Yield 1.92 H²O 9.945

200 sx C + .2% PF13
Density 14.8 Yield 1.33 H²O 6.307

Stage 2
540 sx 35/65 Poz/C + 5% (BWOW) PF44 + 6% PF20 + 1% PF1 + .125% pps PF29 + .4 pps PF45 + 3
pps PF42
Density 12.9 Yield 1.92 H²O 9.945

100 sx C NEAT
Density 14.8 Yield 1.32 H²O 6.311

7" 23#/26# J-55 Set approx 6200' w/850 sx cmt
Stage 1
200 sx C + .3% PF13
Density 14.8 Yield 1.33 H²O 6.307

Stage 2
550 sx 35/65 Poz/C + 5% (BWOW) PF44 + 6% PF20 + .125 pps PF29 + .4 pps PF45
Density 12.9 Yield 1.89 H²O 10.051

100 sx C + .2% PF13
Density 14.8 Yield 1.33 H²O 6.331