

Brooks, David K., EMNRD

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Monday, March 11, 2013 10:24 PM
To: Ezeanyim, Richard, EMNRD; Brooks, David K., EMNRD
Cc: Ocean Munds-Dry; Jeff Kendall; Jones, William V., EMNRD
Subject: ConocoPhillips VGEU Case No. 14964: Supplemental Information Attachment No. 4 to C-108
Attachments: VGEU 15-02 WBD.PDF; VGEU 37-02 WBD.PDF; EVGSAU 0524-403 (VGEU 16-01) WBD.PDF; updated pages for 37-03.pdf; VGEU 002-07.xls; 3-11-13 Copy of Attach3VGEU2012_inj_permit_wells_csgcmt.xls

Richard and David,

As Richard requested, ConocoPhillips reviewed Attachment No. 4 to the C-108 (located at Tab No. 4 of the Exhibit) to tally the number of wells identified in the AOR and the number of those wells which are plugged and abandoned and temporarily abandoned. That revised Attachment 4 is attached to this email. The updated spreadsheet is under the "Modified" tab of the spreadsheet. At the bottom of the spreadsheet is a box that contains the sum for each category of well – total, TA'd, and PA'd wells.

While undertaking this review, ConocoPhillips identified a few wells for which the status of the well has changed. The well status for those wells have been highlighted in green in the "Modified" tab.

Because the well status of some of these wells changed, we are attaching the well schematics of those wells that changed to PA'd status, as well, for your review.

When reviewing the list of wells on the AOR, ConocoPhillips determined that VGEU 002-07 was included in the AOR well list, but not in Attachment 5 for PA'd wells. Attached also, therefore, is a well bore schematic for VGEU 002-07.

Finally, after the C-108 was filed with the Division, ConocoPhillips made some revisions to the VGEU 037-03 well bore schematic and well data sheet. We had submitted these changes to the Division prior to the hearing (specifically to Will Jones), but neglected to include the updated schematics in the exhibit presented at hearing. Therefore, we are attaching the updated well schematic and data sheet for VGEU 037-03 to this email, as well, and request that you evaluate this updated schematic and well data sheet in your review.

I apologize for these changes, but want to be sure that you have the most accurate information when as you take this matter under advisement.

Please let me know if you have any questions or concerns. I will be out of the office for a few days on business, but will be checking my voicemail and email regularly.

Very best,
Adam

Adam G. Rankin
Holland & Hart LLP
110 North Guadalupe Suite 1
P.O. Box 2208
Santa Fe, NM 87504
Office: (505) 988-4421
Direct: (505) 954-7294

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Cell: (505) 570-0377
Fax (505) 983-6043
E-mail: agrarkin@hollandhart.com
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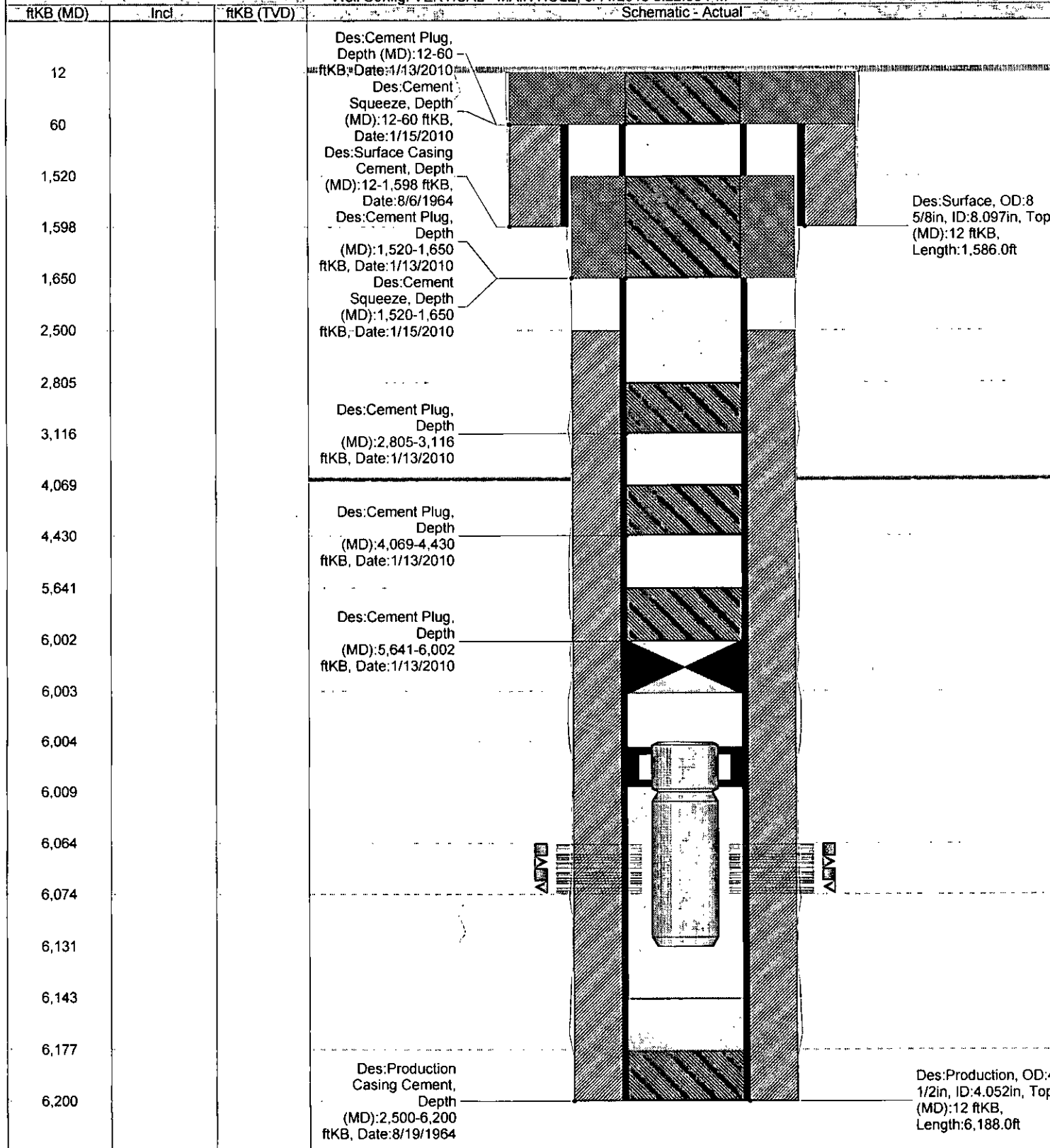
HOLLAND&HART 

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Schematic - Current
VACUUM GLORIETA EAST UNIT 015-02

District PERMIAN	Field Name VACUUM	API / UWI 3002520794	County LEA	State/Province NEW MEXICO
Original Spud Date 8/6/1964	Surface Legal Location Sec. 30, T-17-S, R-35E, UL "O"	East/West Distance (ft) 1,955.00	East/West Reference E	North/South Distance (ft) 810.00
				North/South Reference S

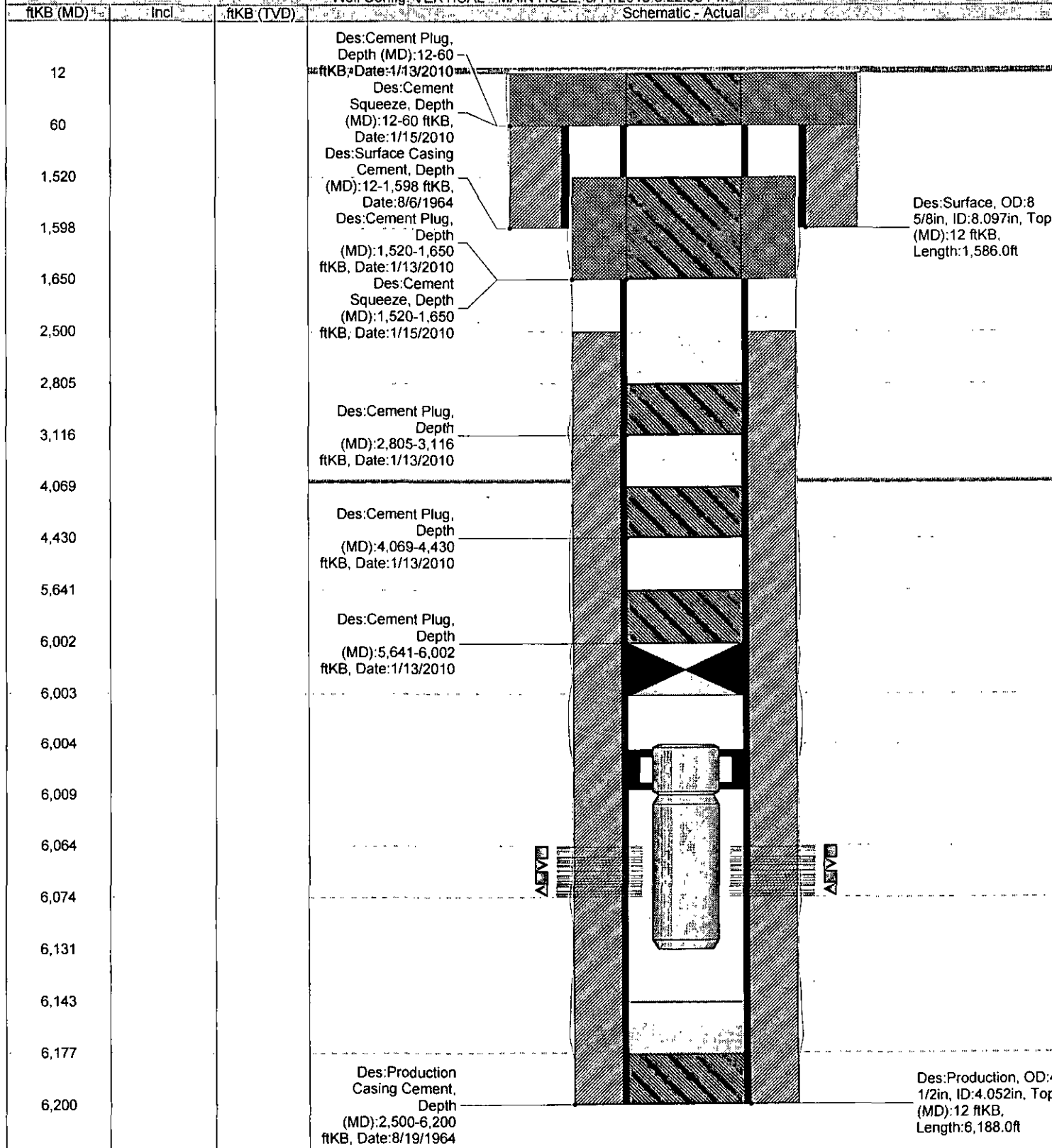
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VACUUM GLORIETA EAST UNIT 015-02

District PERMIAN	Field Name VACUUM	API / UWI 3002520794	County LEA	State/Province NEW MEXICO
Original Spud Date 8/6/1964	Surface Legal Location Sec. 30, T-17-S, R-35E, UL "O"	East/West Distance (ft) 1,955.00	East/West Reference E	North/South Distance (ft) 810.00
				North/South Reference S

Well Config: VERTICAL - MAIN HOLE 3/11/2013 3:22:56 PM



WELLBORE SKETCH
ConocoPhillips Company - Lower 48 - Mid-Continent BU / Permian Operations

Date: March 11, 2013

RKB @ 3970'
DF @ 3969'
GL @ 3959'



20 sx cmt plug
50' to surface
12-1/4" Hole

25 sx cmt plug
350'-233' - TAGGED

8-5/8" 24# J-55 @ 1538'
Cmt'd w/ 850 sx Incon, circ
TOC @ Surface
100 sx cmt plug
1850'-1470' - TAGGED

Top of Salt @ 1850'

25 sx cmt plug
2800'-2437'
Perf & Sqz @ 2600'; TOC @ 100' (TS)
TOC 4-1/2" Csg @ 2713' (T.S.)

Base Salt @ +/- 2665'

25 sx cmt plug
4521'-4158'

25 sx cmt plug 6070'-5707'
4-1/2" CIBP @ 6070'
6120 6121 6122 6123
6124 6125 6126
6132 6133
6134 6135 6136 6137 6138
6139 6140 6141 6142 6143
6144-6169

7-7/8" Hole
4-1/2" 11.6 & 9.5# J-55 @ 6205'
Cmt'd w/ 900 sx regular, did not circ
TOC @ 2713' (T.S.)

Subarea: Buckeye
Lease & Well No.: Vacuum Gorieta East Unit, Tract 2 Well No. 7
Legal Description: 330' FSL & 2308' FEL, Sec. 32, T17S, R35E, UL "O"
County: Lea State: New Mexico
Field: Vacuum Gorieta
Date Spudded: 4/1/64 Rig Released: 4/19/64
API Number: 30-025-20711
Status:
Drilled as Humble New Mexico State K No. 20 State Lease No. A-1320

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	4/64	Perf Gorieta w/ 1 SPF @ 6121, 6124-25, 6134-38, 6141-6143; total 11 holes						
6121-6143	4/64	15% NE HCl	2,000					
6121-6143	12/64	15% NE HCl	3,000					
6121-6143	4/72	15% NE HCl	2,500					
	4/80	Perf @ 2600' w/ squeeze holes; cmt w/ 1100 sx; TOC @ 100' (TS)						
6121-6143	4/80	15% NE HCl	3,000					
	12/8/87	Perf Gorieta w/ 1 SPF @ 6120-6126 & 6132-6169						
6120-6169	12/8/87	15% NE HCl	6,000					
6120-6169	1/6/94	20% NEFE HCl	3,000					
	7/25/01	Set EZ Drill BP @ 6070'; circ pkr fluid						
	12/5/03	Tag CIBP @ 6070'. Pmp 25 sx C cmt 6070-5707 Pmp 25 sx C cmt 4521-4158 Pmp 25 sx C cmt 2800-2437 Perf 4-1/2" csg @ 1850'; sqz 100 sx C cmt 1850-1473'; tagged @ 1470' Perf @ 350'. Sqz 25 sx C cmt 350-250'; tagged @ 233' Circ 20 sx C cmt 50' to surface						
	12/8/03							

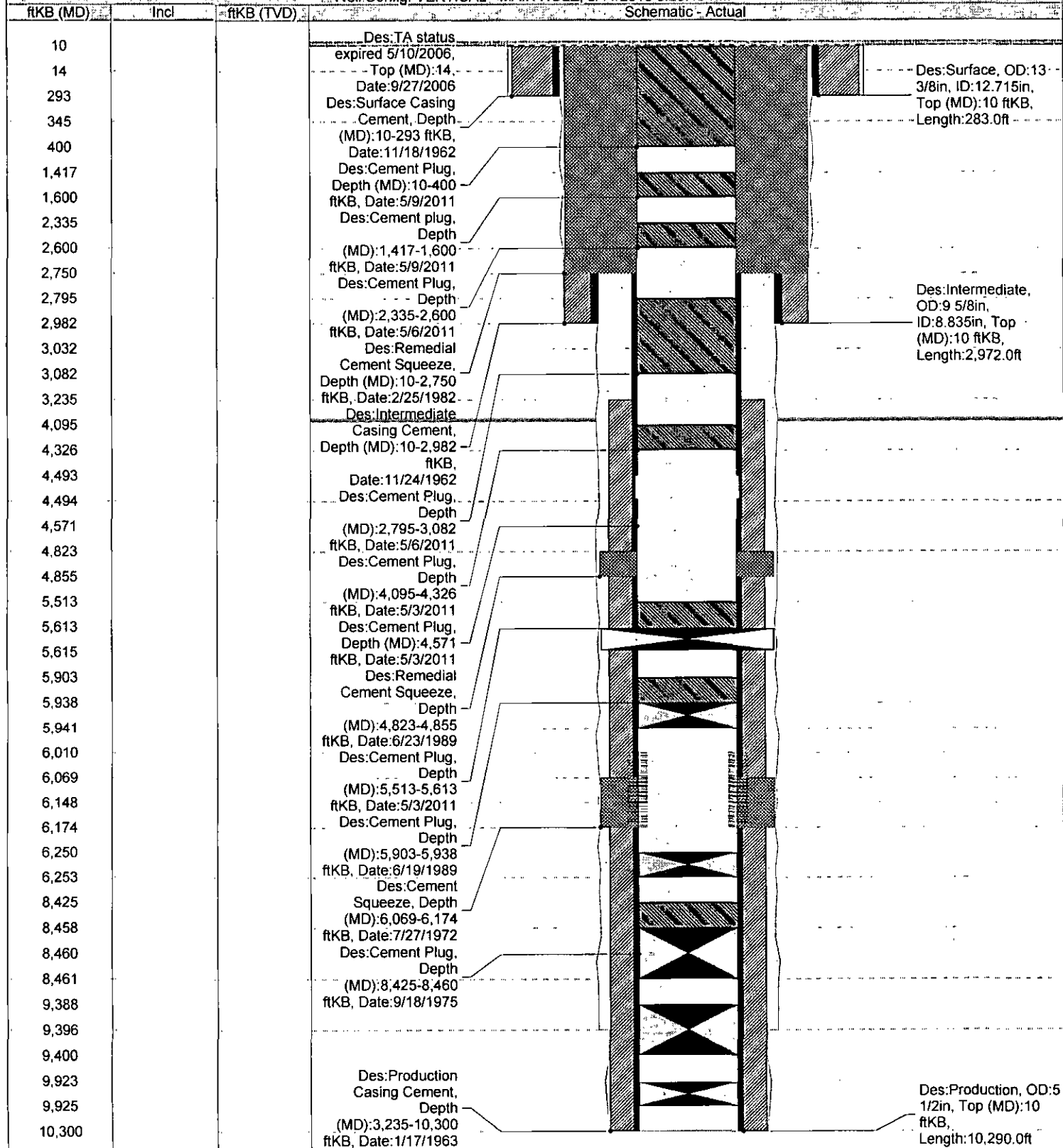
Formation Tops:

Rustler	1505'
Tansill	2745'
Yates	2827'
Seven Rivers	3072'
Queen	3737'
Grayburg	4064'
San Andres	4395'
Gorieta	6014'
Paddock	6120'

PBTD:
TD: 6205'

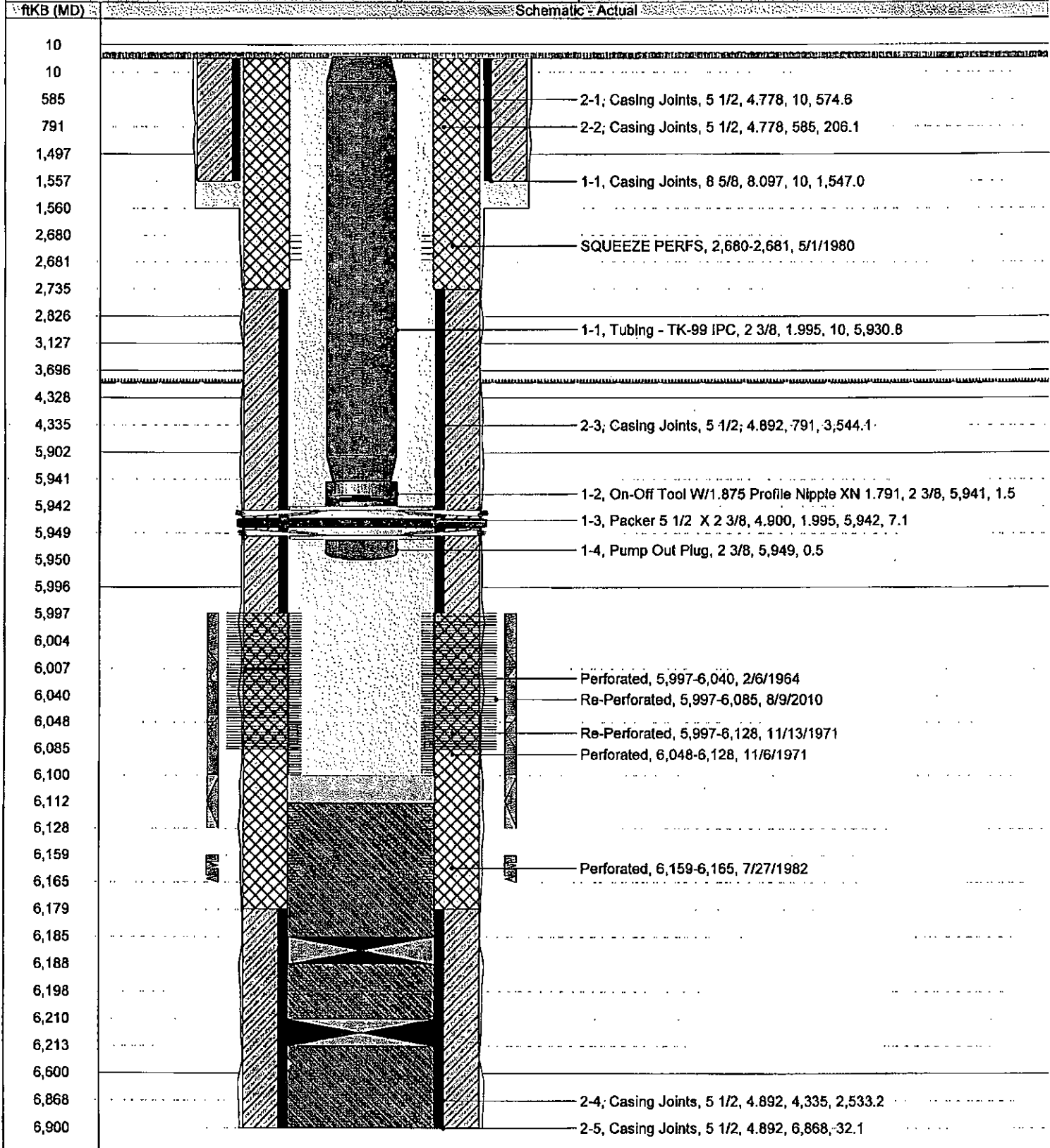
District PERMIAN	Field Name VACUUM	API / UWI 300252037000	County LEA	State/Province NEW MEXICO
Original Spud Date 11/19/1962	Surface Legal Location Section 31, T-17S, R-35E, UL A	East/West Distance (ft) 660.00	East/West Reference E	North/South Distance (ft) 990.00
				North/South Reference N

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District PERMIAN	Field Name VACUUM	API / UWI 300252029000	County LEA	State/Province NEW MEXICO
Original Spud Date 1/14/1964	Surface Legal Location Section 31, T-17S, R-35E	East/West Distance (ft) 1,980.00	East/West Reference E	North/South Distance (ft) 2,310.00
				North/South Reference N

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INJECTION WELL DATA SHEETOPERATOR: ConocoPhillips CompanyWELL NAME & NUMBER: Vacuum Glorieta East Unit 37-03WELL LOCATION: 1980' E & 2310' N UL G; Sec. 31; T17S; R35E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 12.25" Casing Size: 8.625"
Cemented with: 660 sx. or ft³Top of Cement: Surface Method Determined: not availableIntermediate CasingHole Size: Casing Size:
Cemented with: sx. or ft³Top of Cement: Method Determined: Production CasingHole Size: 7.875" Casing Size: 5.5"
Cemented with: 750 sx. or ft³Top of Cement: 2735' Method Determined: not availableTotal Depth: 6900'Injection Interval5997' feet to 6128'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2.375" Lining Material: Internal Plastic CoatedType of Packer: 5.5 X 2.375Packer Setting Depth: 5949'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes _____ No

If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Glorieta; Paddock

3. Name of Field or Pool (if applicable): Vacuum Glorieta

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Grayburg; San Andres; Glorieta

