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Britt B-18: Glorieta
API #30-025-20090
Recompletion

Project Scope

Recomplete Glorieta

- Production test Glorieta

Glorieta Commercial:

By separate procedure, commingle w/ current Blinebry/Tubb completion
currently there are 2 Britt B wells DHC in the Glorieta/ Blinebry/Tubb:

Britt B-19

Britt B-20

Glorieta Non-Commercial:

By separate procedure, squeeze Glorieta & return to production from current Blinebry/Tubb completion.

Perforations

Type	Formation	Top (RKB): ft	Bottom (RKB): ft.
Open Perforations	BLINEBRY	5,724	5,940
	TUBB	6,437	6,588
Left-in-Hole:			
2-3/8" SOPMA		6,553	
PKR slips		6,645	
PBD		6,645	
TD			7,848

Well Service Procedure:

- 1) Prior to RU of service unit:
 - a) Verify current anchor test (last well service: 08.2005)
 - b) Notify Nalco/Champion of rig-up date
 - c) Review JSA
- 2) MI & RU service unit.
 - a) Un-seat pump. POOH w/ rods & pump (in-service: 08.2005)
Visually inspect rods & couplings for wear
Send pump in for repair.
 - b) Pump 9 bbl fresh water down 2-3/8", 4.7# tbg (fluid column: 2325 ft.; 1000#).
Pump 80 bbl fresh water down 2-3/8" x 7", 20# & 23# annulus (fluid column: 2285 ft.; 990#).
NOTE: Well has history of paraffin. May want/need to hot water
SD and allow well to equalize
 - c) ND well. NU hydraulic 5M Hydril BOP.
 - d) Release tbg anchor @ 5635. Scan 2-3/8", 4.7#, J-55 production tbg
(last scan 08.2005: 130 Ylw, 25 Blu, 11 Grn, 18 Red)

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- 3) PU & RIH w/ 6-1/8" bit, scraper (7", 20# & 23#) & 2-7/8", 6.5#, L-80 tbg to 6550. POOH.

Top-of-Junk (2-3/8" SOPMA): 6553
Tubb Gross Completion Interval: 6437-6588

- 4) RIH w/ RBP (7", 20# & 23#) w/ ball-catcher (for 70: 1.3 sg 7/8" bs), PKR & 2-7/8", 6.5#, L-80 tbg.
- a) Set RBP @ 5350.
 - b) Circ well w/ 2% KCl.(well capacity w/ tbg: 205 bbl)
 - c) Set PKR & test RBP @ 2000#.
 - d) Test csg-tbg annulus @ 500#.
 - e) POOH w/ tbg & PKR

- 5) RU wire-line service

- a) Pull GRN/CCI: 5300-3000. Correlate to SLB open-hole GR/Sonic (04.14.63)
- b) NU lubricator w/ pack-off. Test @ 500#.
- b) Perforate Glorieta at 2 spf (perforating to be done w/ lubricator in-place):

5200-5224

60-degree phasing w/ 3-3/8" HSD PowerJet 3406, HMX, 22.8 gm (EHD: 0.37 in.; Penetration: 37 in.)

- c) RD wire-line services.

- 6) RIH w/ 2-7/8", 6.5#, L-80 tbg w/ PKR.
Test tbg below slips @ 5000# (2-7/8", 6.5#, L-80 Internal Yield Prs.: 10,570#)
Position PKR @ 5224 (do not set)

Acidize Glorieta Interval 5200-5224 (-1619/-1643) w/ 90 bbl (3,780 gal) 15% NE Fe HCl

- 7) RU acid-services:

- a) Spot 5 bbl 15% HCl:
 - i. With well loaded w/ 2% KCl, pump 5 bbl 15% HCl
 - ii. Displace w/ 29.5 bbl 2% KCl
 - iii. SD & allow well to equalize (acid column: 5093-5224)
- b) Set PKR @ 5050 (acid column: 5100-5224)
 - i. Test csg-tbg annulus @ 500#
 - ii. Test surface lines 5000#
 - iii. Set treating line pop-off @ 4500#
 - iv. Set pump trips @ 4000#
 - v. Install spring-operated relief valve on csg-tbg annulus. Pre-set @ 500#.
- c) Acidize w/ remaining 85 bbl 15% HCl:
 - i. Breakdown & obtain PIR w/ 2% KCl
 - ii. Pump 25 bbl 15% HCl
 - iii. Pump 35 bbl 15% HCl w/ 2: 1.3 sg, 7/8" bs per bbl

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- iv. Pump 25 bbl 15% HCl
- v. Displace w/ 50 bbl 2% KCl. AIR: 5 BPM. ATP: 2500#
capacity to btm perf: 36.3 bbl (over-displace w/ 3 x AIR: 5 BPM)

Note: if ball-out occurs during displacement (surface treating prs: 4000#)
shut-down
surge well to un-seat ball-sealers
resume pumping displacement

- vi. Record: ISIP. SITP(5 min). SITP(10 min).SITP(15 min).

d) RD acid services.

8) Flow well down. Release PKR & RIH to 5250. POOH w/ tbg & PKR.

9) PU & RIH w/ 2-3/8", 4.7# J-55 production tbg.

TAC positioned approximately: 5140 (top perf: 5200)

SN positioned approximately: 5260 (btm perf: 5224; RBP @ 5350)

Test tbg below slips @ 3000# while RIH (2-3/8", 4.7#, J-55 Internal Yield Prs: 7,700#).

10) ND BOP. NU well.

11) RIH w/ pump & rods (refer to RodStar-based design)

12) RD well service unit. Release all services.

13) Return well to production @ expected rate: 20 BOPD 5 MCFPD & 20 BWPD

Pump: 1.25"

SPM: 8.0

Stroke: 42"

Surface Capacity @ 24 hr RunTime: 61 BPD

Surface Equipment: C-160-169-64 (operating @ 8.0 SPM-42" stroke)

Note:

Glorieta completion to be pump-tested until production stabilizes. Depending on stabilized production,

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CURRENT SCHEMATIC

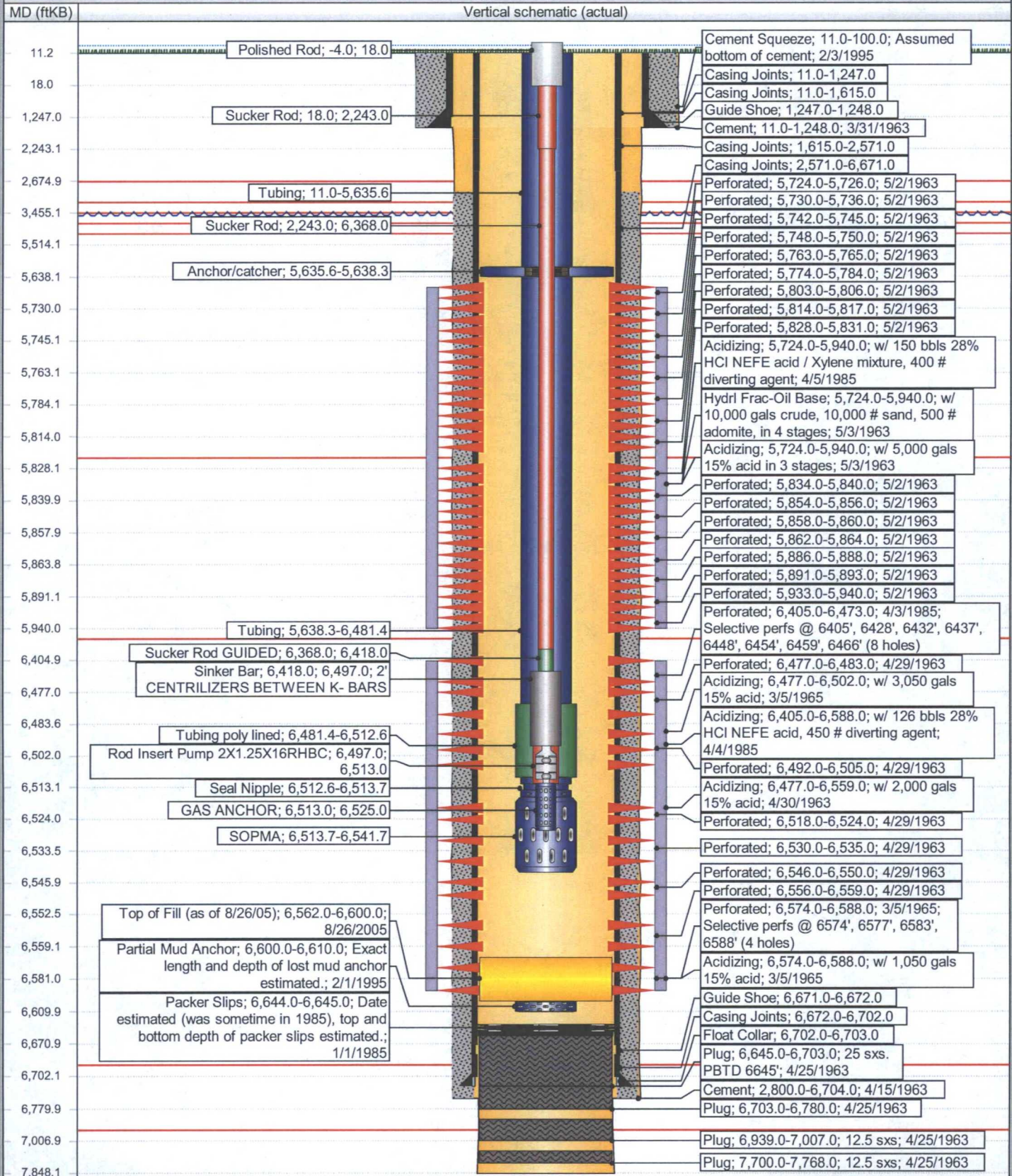
BRITT B 18

HOBBS OCD

JAN 28 2016

District PERMIAN CONVENTIONAL	Field Name EUMONT	API / UWI 3002520090	County LEA	State/Province NEW MEXICO
Original Spud Date 3/30/1963	Surface Legal Location Sec. 10, T-20S, R-37E	E/W Dist (ft) 1,980.00	E/W Ref W	N/S Dist (ft) 660.00
N/S Ref S				

Vertical - Main Hole, 1/25/2016 3:18:16 PM



Proposed Rod and Tubing Configuration

BRITT B 18

HOBBS OCD

JAN 28 2016

RECEIVED

