

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. Multiple--See Attached Britt B 18
2. Name of Operator CONOCOPHILLIPS COMPANY		9. API Well No. Multiple--See Attached 30-025-20090
3a. Address MIDLAND, TX 79710	3b. Phone No. (include area code) Ph: 432-688-9174	10. Field and Pool, or Exploratory WEIR
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		11. County or Parish, and State LEA COUNTY, NM

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12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips Company would like to recomple into the Glorieta per attached procedure.
Attached is a current/proposed wellbore schematic
Attached is a C-102 for the Glorieta.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL****APPROVED**
FEB 24 2016

14. I hereby certify that the foregoing is true and correct. Electronic Submission #329748 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 02/03/2016 (16PP0249SE)	
Name (Printed/Typed) RHONDA ROGERS	Title STAFF REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 01/26/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ <i>[Signature]</i>	Title PETROLEUM ENGINEER	Date 02/24/2016
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ******ADD SKAGGS GLORIETA, NORTHWEST [97203] Status "NEW" WJ**
MAR 03 2016

Additional data for EC transaction #329748 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMLC031621B	NMLC031621B	BRITT B 18	30-025-20090-00-C1	Sec 10 T20S R37E SESW 660FSL 1980FWL ✓
NMLC031621B	NMLC031621B	BRITT B 18	30-025-20090-00-C2	Sec 10 T20S R37E SESW 660FSL 1980FWL ✓

Conditions of Approval

Britt B 18

30-025-20090

ConocoPhillips

February 24, 2016

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1. **Step 4, operator's procedure;** Make arrangements 24 hours before the test for BLM to witness casing pressure test. **Casing pressure test shall be done from RBP to surface; the minimum test pressure should be 500 psig for 30 minutes.**
2. Document the casing pressure test on a one hour full rotation calibrated recorder chart registering within 25 to 85 per cent of its full range.
3. **Step 11, 12, 13 of operator's procedure; Operator to test well a minimum of 90 days.**
4. **Operator to submit another NOI Sundry (with actual well production data) to remove RBP at approximately 5350' and DHC.**
5. Surface disturbance beyond the existing pad must have prior approval.
6. Closed loop system required.
7. Functional H₂S monitoring equipment shall be on location.
8. **A minimum of a 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.**
9. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
10. **Subsequent sundry and Completion report with well test and wellbore schematic required.**
11. **Work to be completed in 90 days.**

EGF 022416

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.

- See COA
- 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 GR/N/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:

See COA

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

Glorieta Commercial:

By separate procedure, commingle w/ current Blinbry/Tubb completion

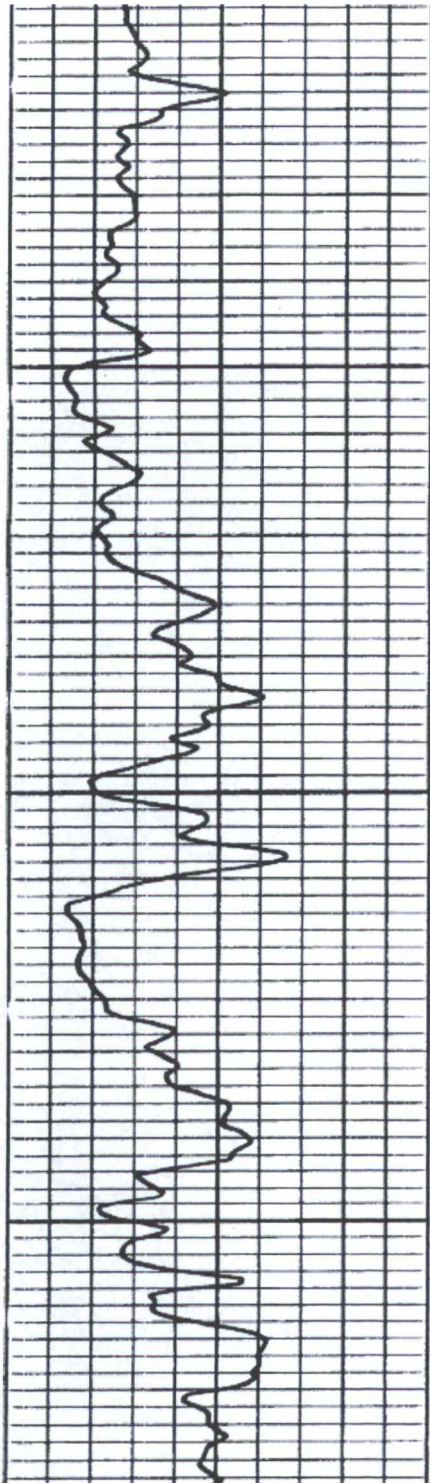
(currently there are 2 Britt B wells DHC in the Glorieta/ Blinbry/Tubb: Britt B-19 & Britt B-20)

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

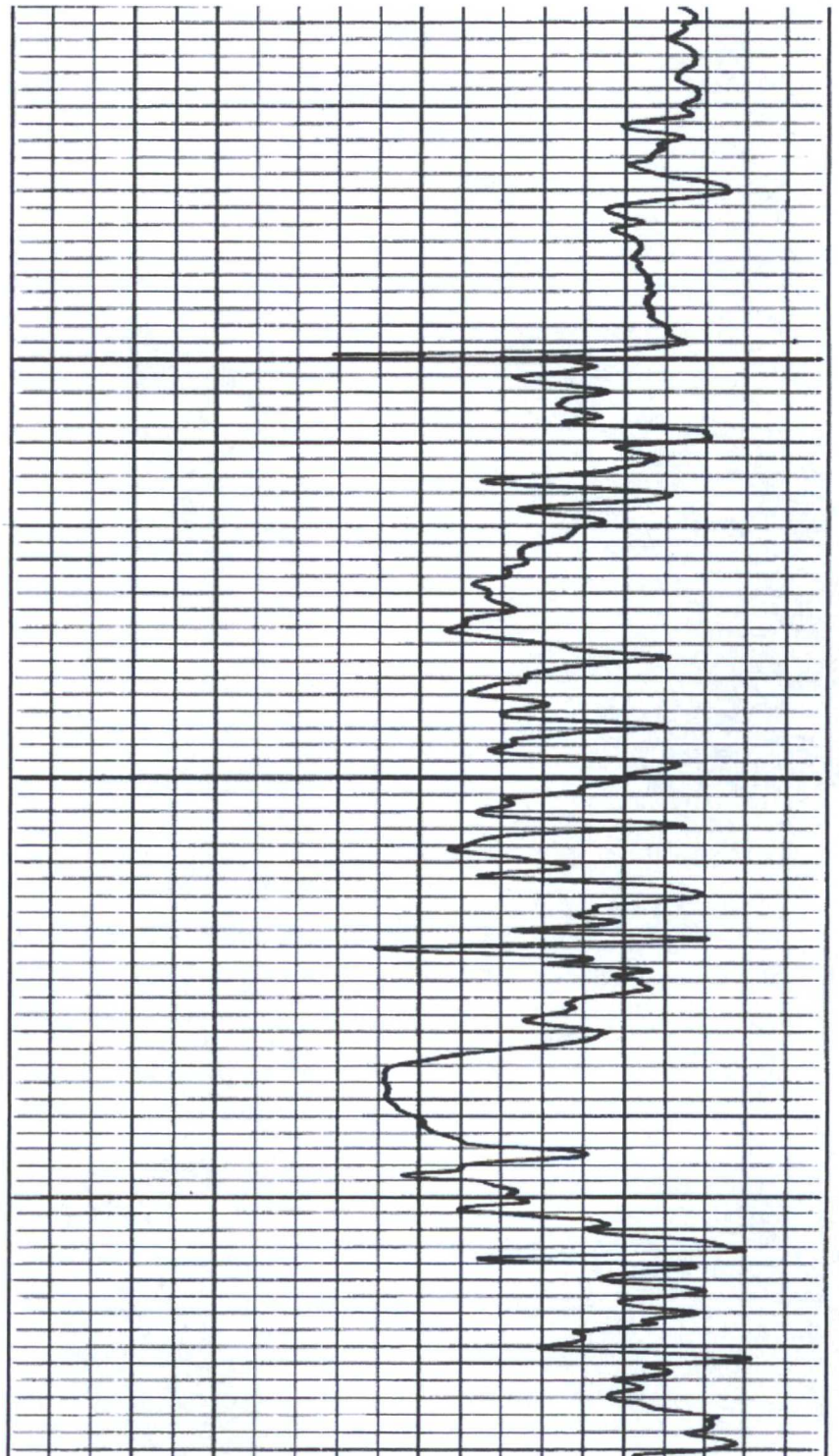
Britt B-18: Glorieta
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5200

5300

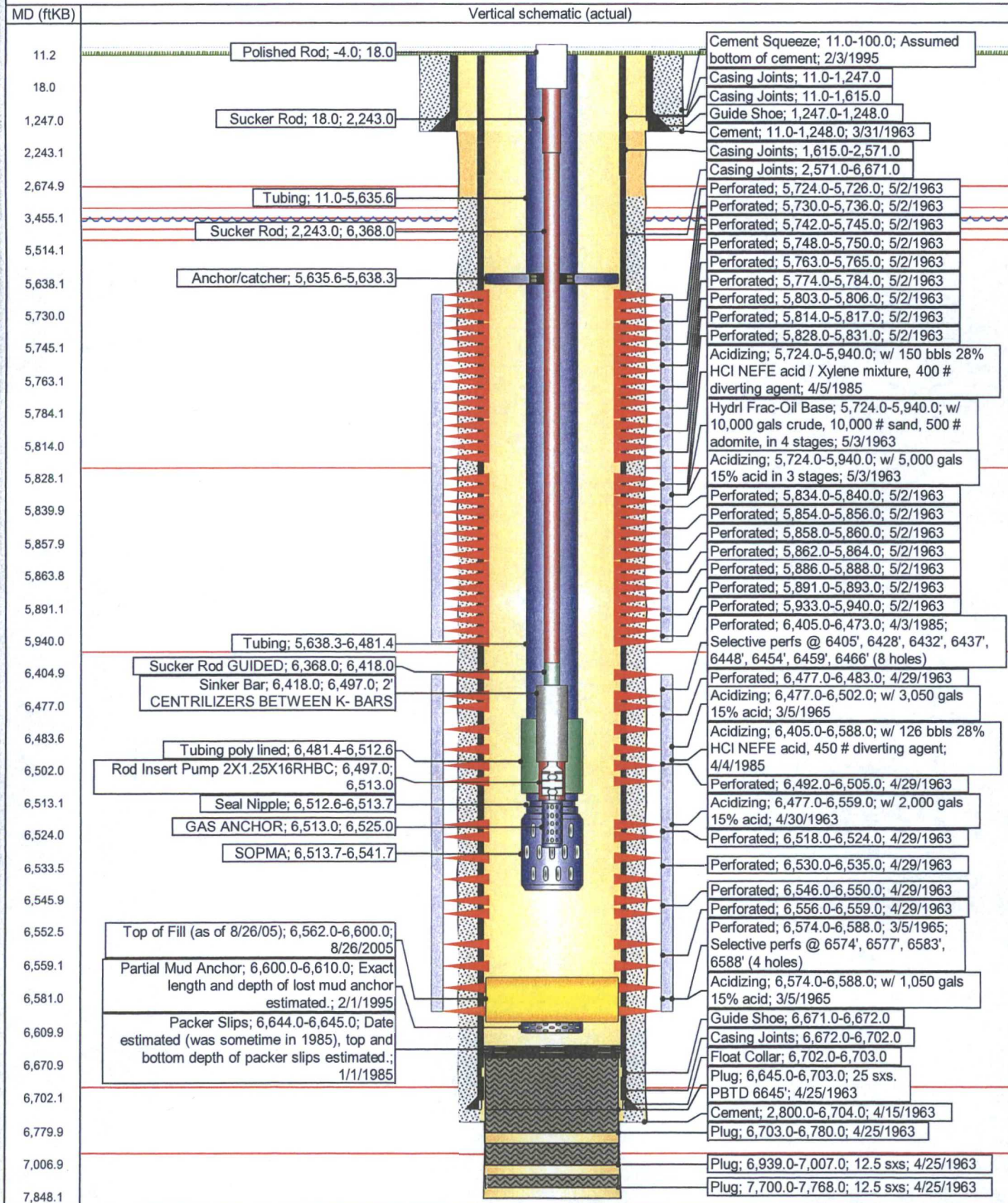


Britt B-18: Glorieta
API #30-025-20090
Recompletion

Britt B-18 (30-025-20090)			
660 FSL & 1980 FWL, 10-20S-37E, Lea Co., NM			
Elev.: 3581 KB; 3570 GL (KB - GL: 11 ft.)			
	Depth (RKB): ft.		
	top	btm	
9-5/8", 36#, H-40	surface	1247	03.31.63: Cmt w/ 500 sx. Circ cmt to surface
7", 20# & 23#, J-55 & N-80	surface	6703	04.15.63: Cmt w/ 500 sx. TOC @ 2800 (temperature survey)
PROPOSED: GLORIETA	5200	5224	
Completion Interval: Blinbry	5724	5940	05.01.63: Perforate Blinbry @ 2 spf
			5724-5726 5730-5736 5742-5745 5748-5750
			5763-5765 5774-5784 5803-5806 5814-5817
			5828-5831 5834-5840 5854-5856 5858-5860
			5862-5864 5886-5888 5891-5893 5933-5940
Completion Interval: Tubb	6437	6466	04.03.85: Perforate Tubb @ 1 spf
			6437 6488 6454 6459 6466
Completion Interval: Tubb	6477	6559	04.28.63: Perforate Tubb @ 1spf
			6477-6483 6492-6505 6518-6524
			6530-6535 6546-6550 6556-6559
Completion Interval: Tubb	6574	6588	02.26.65: Perforate Tubb @ 1 spf
			6574 6577 6583 6588
			(6574-6588 in comm w/ 6477-6559)
Left-in-Hole: Section of 2-3/8" mud-anchor	6553		02.06.95: Left section of 2-3/8" SOPMA in hole. Length unknown
	6553		08.23.95: RIH w/ notched collar. Tag 6553.
Left-in-Hole: PKR slips	6645		04.02.85:
PBD	6645		04.25.63:
Cement Plugs	6645	6780	04.24.63:
	6939	7007	
	7700	7768	
TD		7848	04.24.63:

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

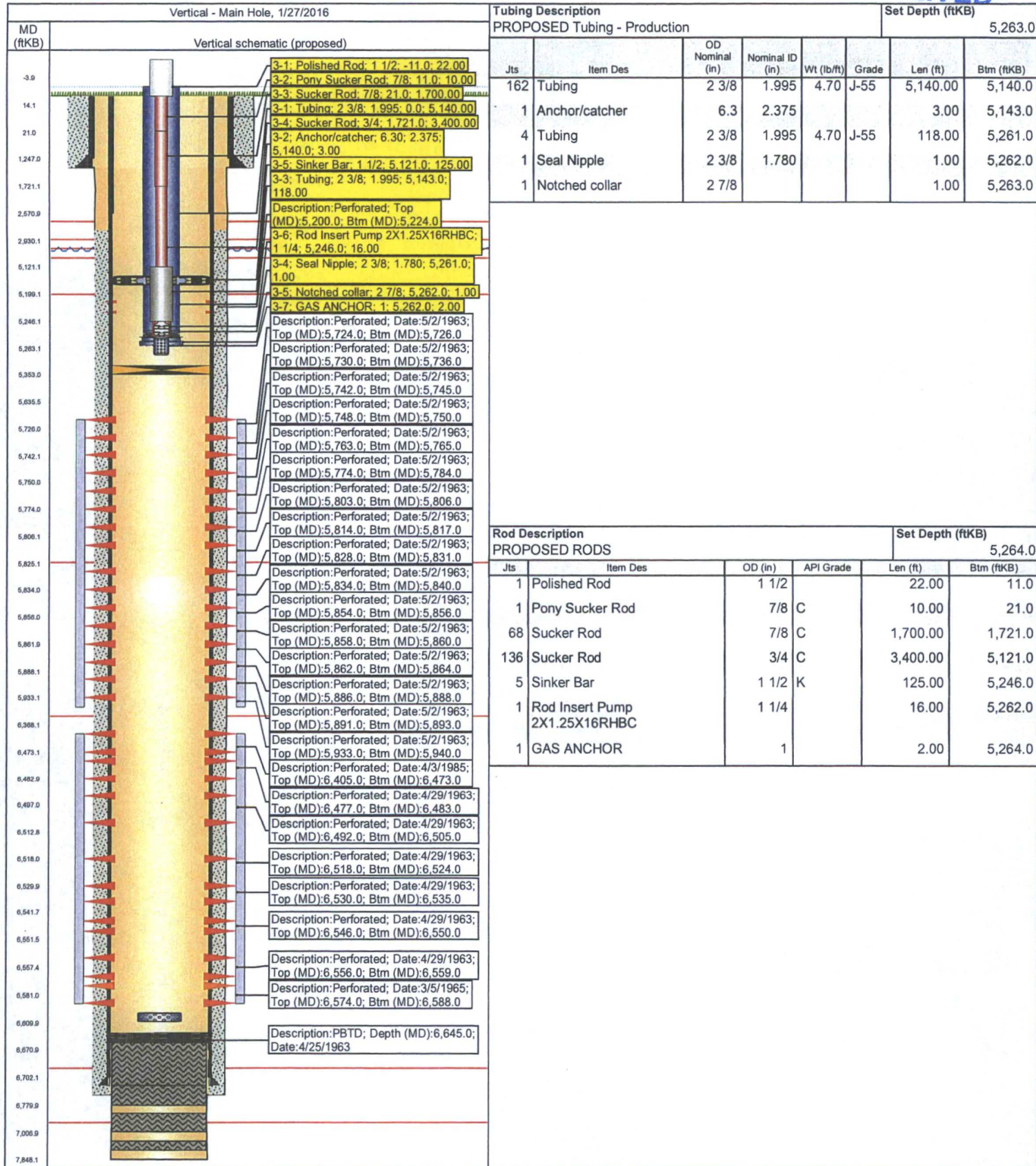


Proposed Rod and Tubing Configuration BRITT B 18

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