

DATE IN 4.19.11	SUSPENSE	ENGINEER TW	LOGGED IN 4.19.11	TYPE IPI	APP NO. 1110950971
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Chesapeake
147179

Trinity Burvas ABO
Unit

ADMINISTRATIVE APPLICATION CHECKLIST

30-025-3645-1

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

- 36187

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]

- 36038

[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]

[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]

[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]

[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]

[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

☐ NSL ☐ NSP ☐ SD

R-12471
12471-11

lea
FL

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☒ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

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RECEIVED OOD

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

R-12496-A
12496-11

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Christian Combs

Director, Regulatory Compliance

04/18/2011

Print or Type Name

Signature

Title

christian.combs@chk.com

Date

e-mail Address



4/15/2011

Terry Warnell (NMOCD)
1220 South St. Francis Drive
Santa Fe, NM 87505
(505) 476-3466

RE: TBAU Injector Pressure Increases

Mr. Terry Warnell,

Chesapeake Energy respectfully requests to increase the injection pressure on three wells in the TBAU waterflood. Step rate tests have been performed, and the results are summarized in the table below. More detailed information in regards to the tests and wellbores is enclosed.

Well	API	Fracture Pressure	Requested Inj. Pressure Limit	SRT Date
TBAU #5	3002536451	2163 psi	2113 psi	4/12/11
TBAU #7	3002536187	2053 psi	2003 psi	4/13/11
TBAU #11	3002536038	2058 psi	2008 psi	4/14/11

Note: All pressures are surface pressures

9056-9091 .23
9048-9092 0.22
9030-9080 0.22

Feel free to contact me if you have any questions or need any other information. Thank you for your time, I appreciate it.

Regards,

A handwritten signature in black ink, appearing to read "Shannon Glancy".

Mr. Shannon Glancy
Production Engineer (Permian)
Chesapeake Energy Corporation
Office: (405) 935-8109
Cell: (405) 415-5299
Fax: (405) 849-8109



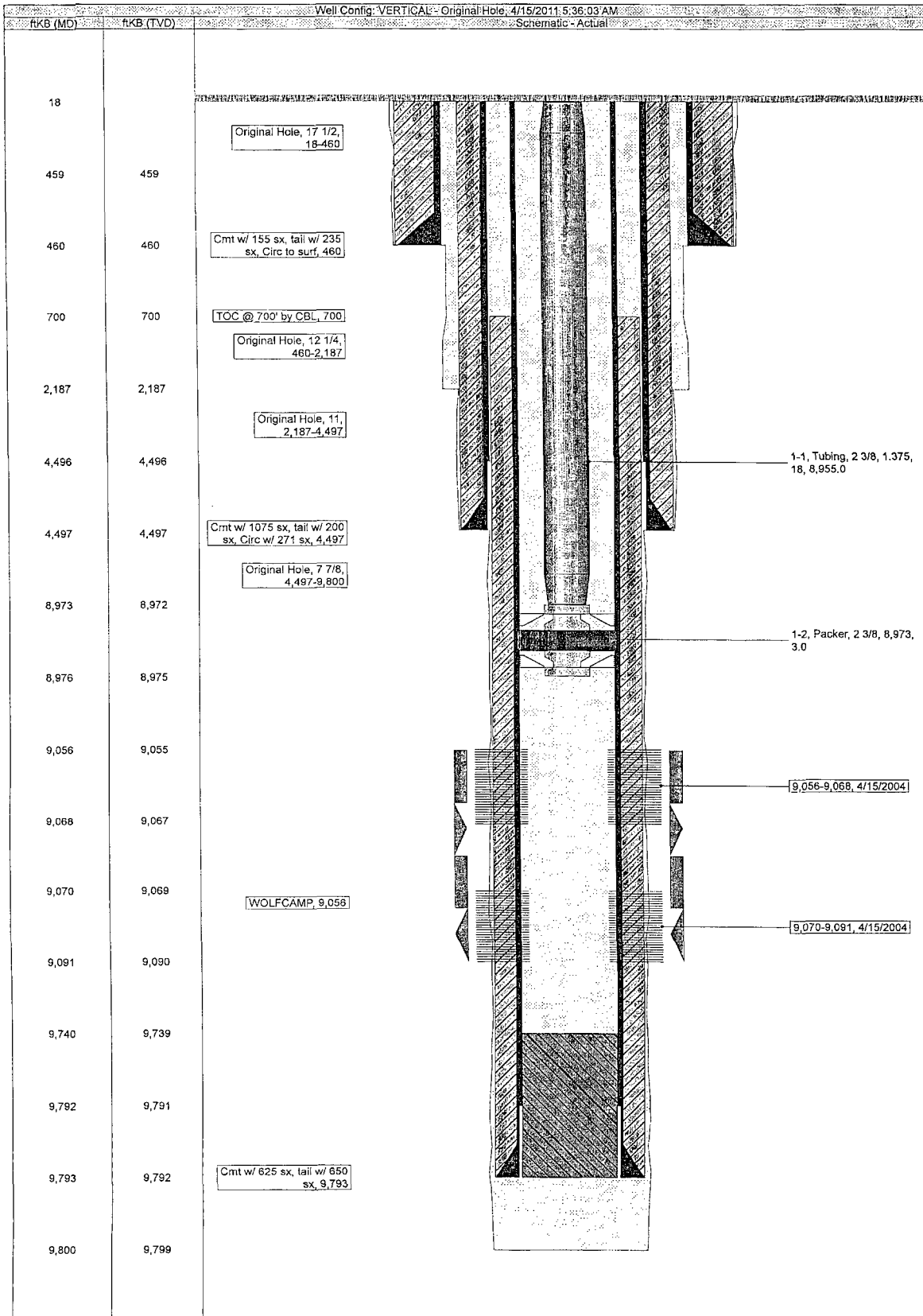
BLM Schematic

TBAU 5

CONFIDENTIAL

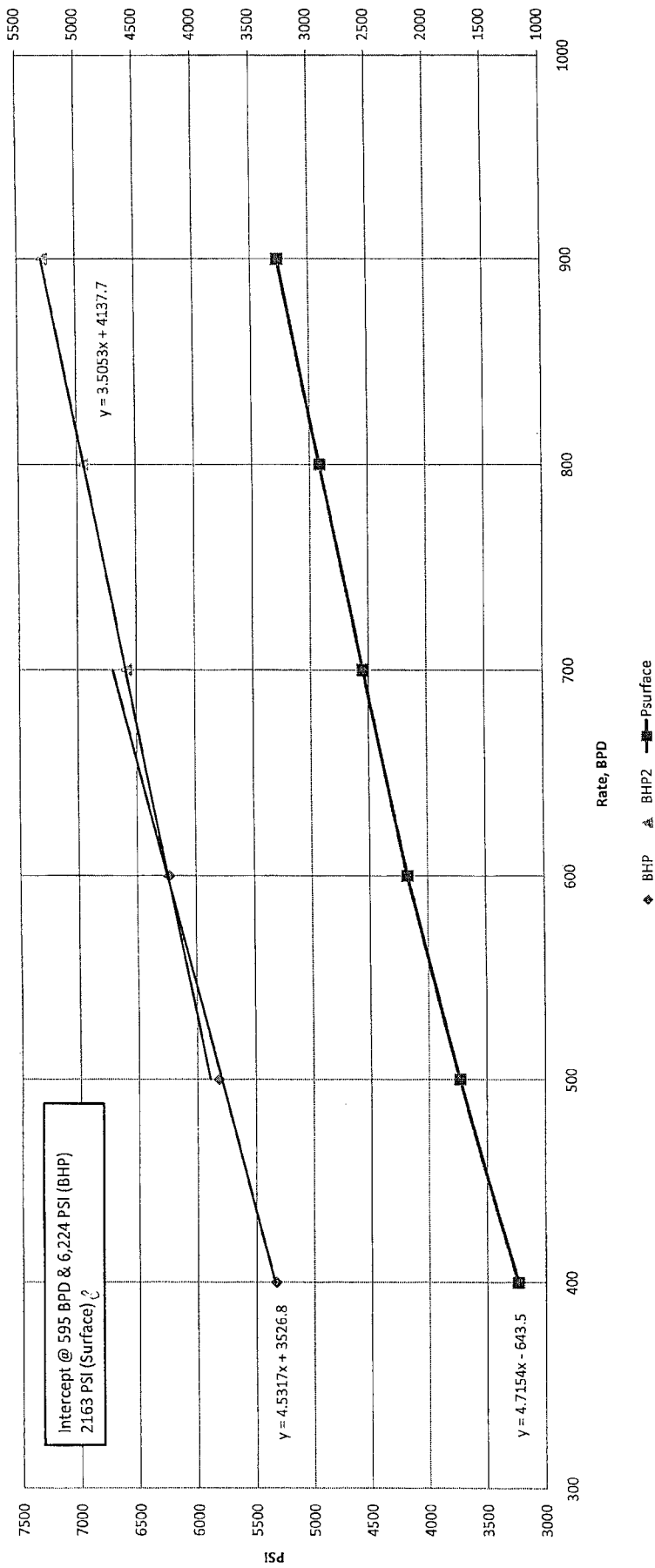
Field: Trinity
County: LEA
State: NEW MEXICO
Location: SEC 23-12S-38E, 2310 FNL & 1650 FWL
Elevation: GL 3,792.0 KB 3,810.0
KB Height: 18.0

Spud Date: 2/28/2004
Initial Compl. Date:
API #: 3002536451
CHK Property #: 890883
1st Prod Date: 2/29/2004
PBTD: Original Hole - 9740.0
TD: 9,800.0



Rate	BHP	Psurface
400	5327.4	1233.3
500	5816.84	1732.92
600	6233.73	2176.38
700	6585.55	2546.14
800	6953.61	2916.35
900	7286.61	3267.69

TBAU #5 Step Rate Test 4/12/2011





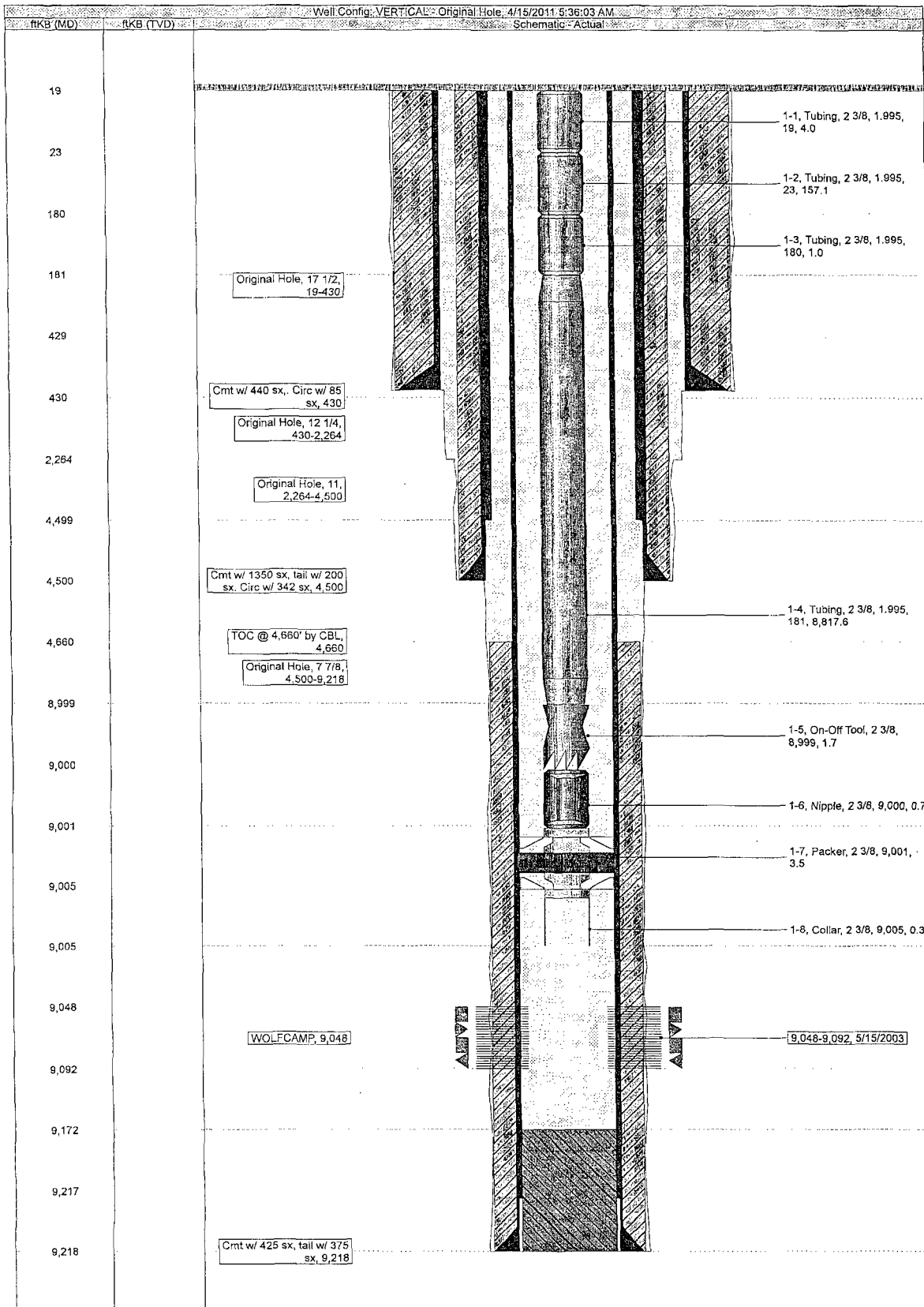
BLM Schematic

TBAU 7

CONFIDENTIAL

Field: Trinity
County: LEA
State: NEW MEXICO
Location: SEC 27-12S-38E, 330 FNL & 2310 FWL
Elevation: GL 3,799.0 KB 3,818.0
KB Height: 19.0

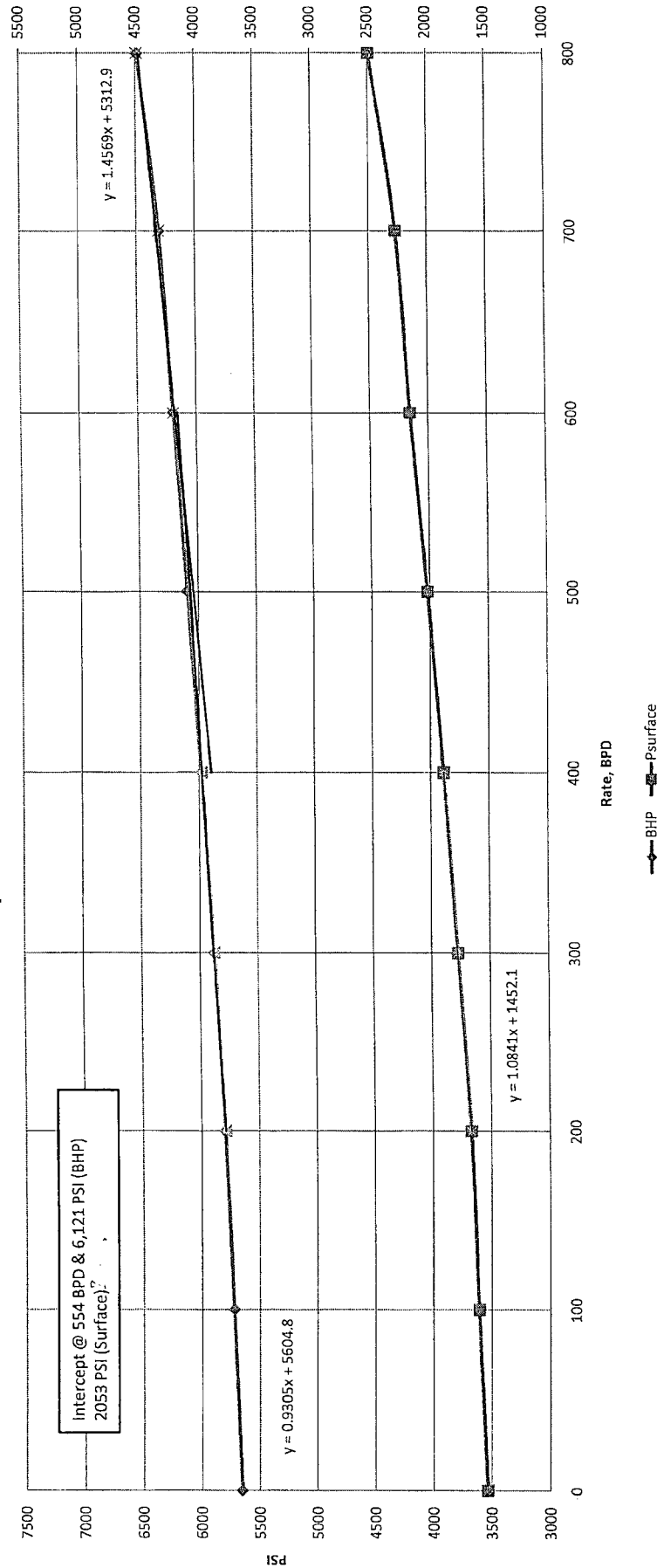
Spud Date: 4/17/2003
Initial Compl. Date:
API #: 3002536187
CHK Property #: 890682
1st Prod Date: 5/28/2003
PBDT: Original Hole - 9172.0
TD: 9,218.0



Rate	BHP	Psurface
0	5652.65	1532.41
100	5722.96	1606.59
200	5794.16	1670.48
300	5877.47	1774.16
400	5980.25	1887.30
500	6092.65	2019.31
600	6198.14	2153.57
700	6310.41	2269.46
800	6489.51	2493.88

TBAU #7

Step Rate Test 4/13/2011





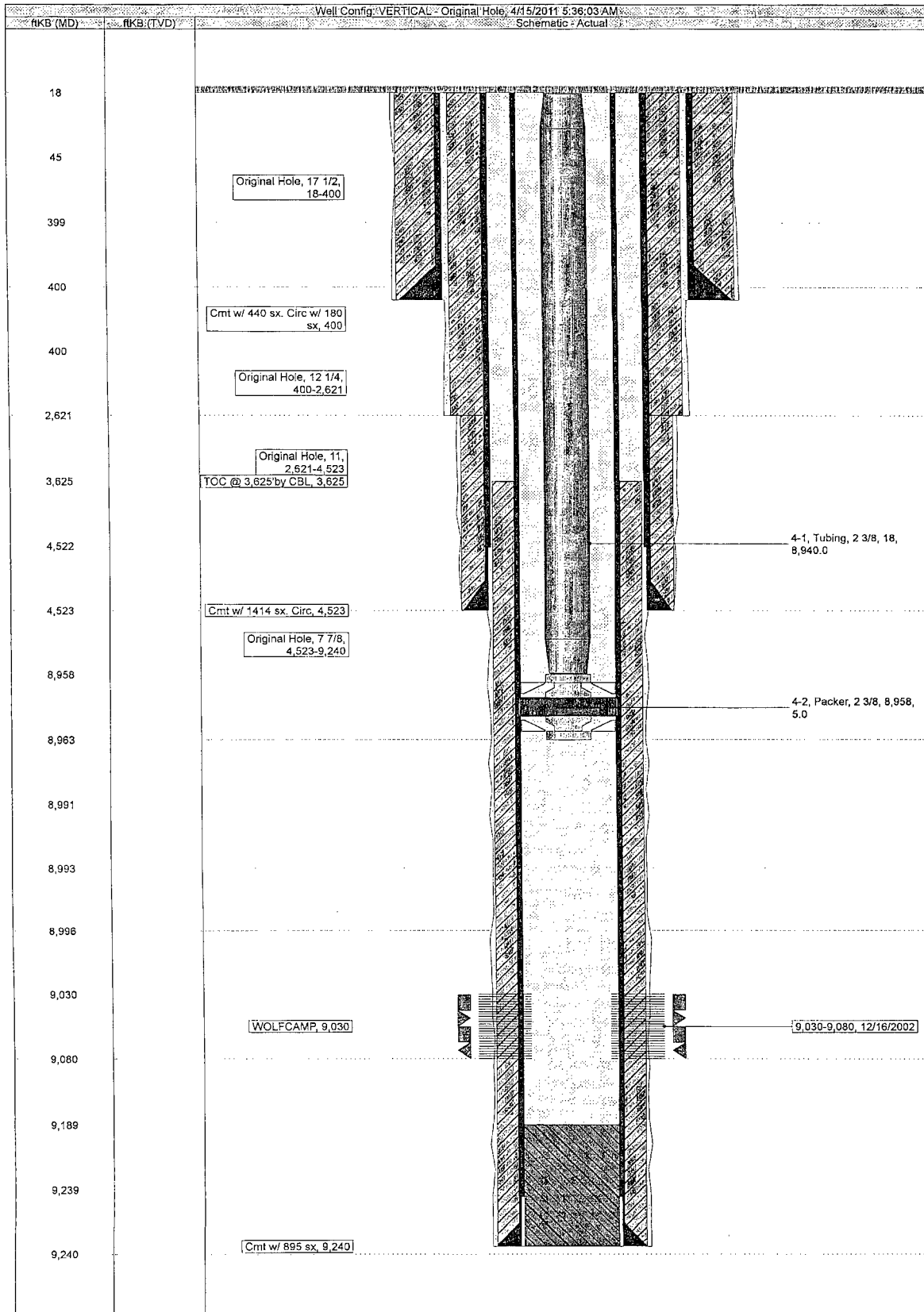
BLM Schematic

TBAU 11

CONFIDENTIAL

Field: TRINTIY (WOLFCAMP)
County: LEA
State: NEW MEXICO
Location: SEC 22-12S-38E, 1650 FSL & 2310 FWL
Elevation: GL 3,801.0 KB 3,819.0
KB Height: 18.0

Spud Date: 11/13/2002
Initial Compl. Date:
API #: 3002536038
CHK Property #: 890684
1st Prod Date: 12/31/2002
PBD: Original Hole - 9189.0
TD: 9,240.0



Rate	BHP	Psurface
0	5102.00	994.39
100	5298.40	1188.80
200	5424.68	1312.10
300	5596.38	1415.50
400	5815.65	1696.40
500	6048.49	1944.60
600	6283.26	2187.20
700	6514.61	2434.20
800	6749.90	2670.50

TBAU #11
Step Rate Test 4/14/2011

