

PWKT0319050063

7/9/03

NA



(IPI-204)

3000 N. Garfield, Suite 175

Midland, TX 79705

432 (915) 682-8873

432 (915) 687-0862 - fax

facsimile transmittal

To: Will Jones Fax: 505-476-3462
From: James Country Date: 7-9-03
Re: SEMGSAU #186 Pages: 6
CC: _____

If you have problems receiving
this fax please contact:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Message:

Thanks.

Have a Great Day!



June 11, 2003

Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: Step Rate Test
SEMGS AU #106
Unit P, 1040' FSL & 420' FEL
Sec 30-T17S-33E
Lea Co., NM
API #30-025-33353

Gentlemen:

The results of the Step Rate Test (SRT) for the captioned well conducted on June 2, 2003 by Gray Wireline Service, Inc. are attached. No witness from the NMOCD was present during the test.

The SRT indicated a surface tubing injection pressure of 1940 psig (associated injection rate of 555 BPD) to fracture the reservoir. Based on the fracture pressure determined for this well, XTO Energy Inc. requests that the approved injection pressure limit, which is 1573 psig, be increased to 1940 psig.

If you have any questions, please contact me at Area Code 432/682-8871.

Yours truly,

James O. Hedrick
Sr Operations Engineer

JH/jdc

Attachments

cc OCD/Hobbs
Erich Palko/XTO/Ft. Worth

GRATBURG
4218-4279
MALJAN AR G-SA
5/15/96 = FIRST PROD.
23 1/2" TUBING @ 4155'
WFX-731
2/10/98 (1285 PSI/FT)
(API-204 = 1900 PSI)
7/9/03 (0.45 PSI/FT)



PO BOX 854 * LVEVLLAND, TEXAS 79335 * 806.894.6008
905 SARTAIN * ANDREWS, TEXAS 79714 * 432.523.5486

REC'D. / MIDLAND

JUN 06 2003

GENTLEMEN,

HERE IS THE RESULTS OF THE STEP RATE TEST I RECENTLY RAN FOR XTO ENERGY INC. ON SOUTHEAST MONUMENT GRAYBURG SAN ANDRES UNIT WELL NO. 106 THE TEST INDICATES THAT A SURFACE PRESURE OF 1940 PSI. IS REQUIRED TO FRACTURE THE RESERVOIR. THE BOTTOMHOLE PRESSURE PLOT INDICATES THAT A BHP OF 3880 IS REQUIRED TO FRACTURE THE RESERVOIR.

THANK YOU,
BART BURNS

Sheet1

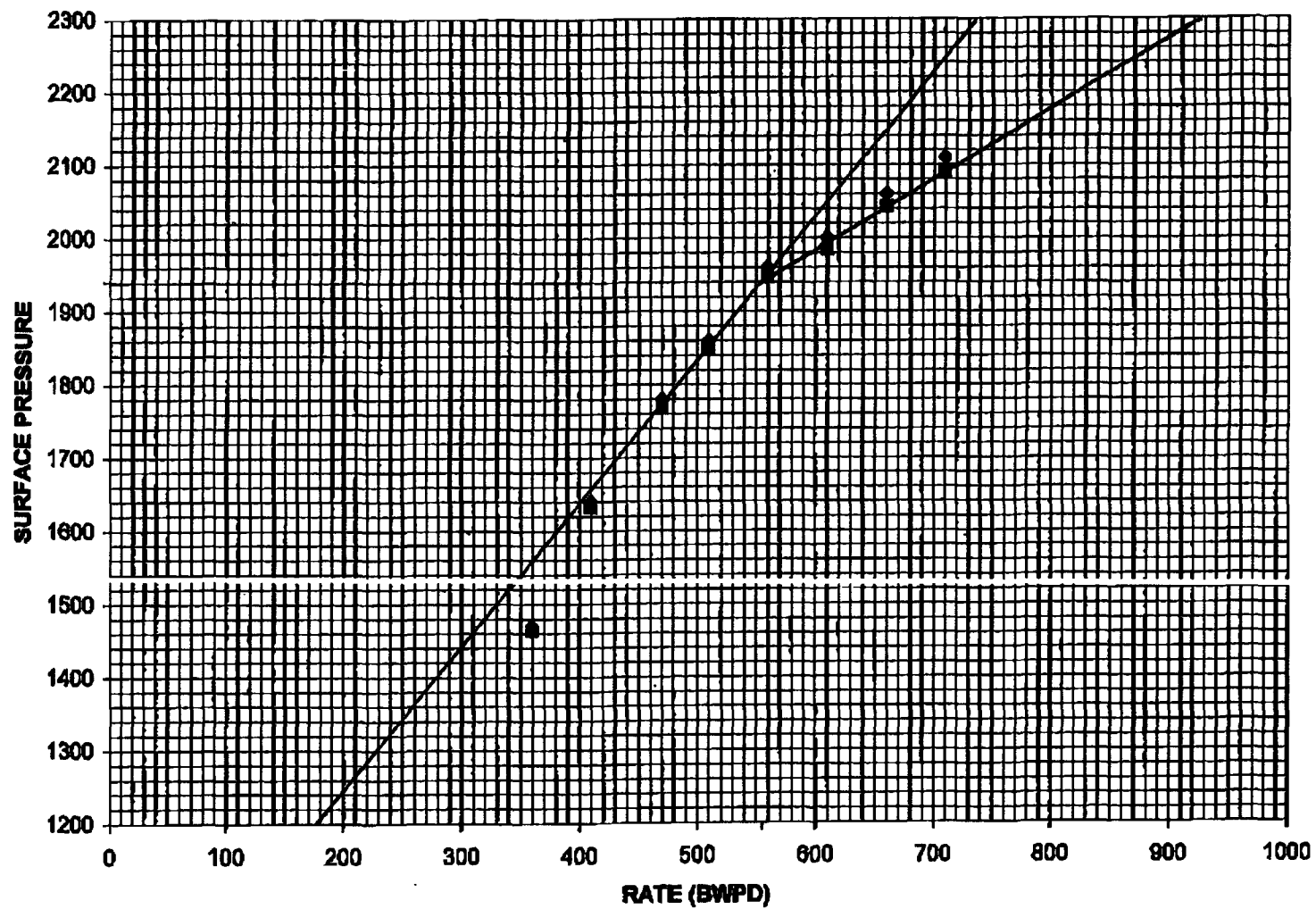
GRAY WIRELINE SERVICES, INC

COMPANY: XTO ENERGY
WELL: SEMGSAU #106
TEST: 15 MINUTE STEP RATE TEST
DATE RUN: JUNE 02, 2003
TUBING: 2 3/8" IPC
BHP TOOL: SET @ 4250'
RATE AND PRESSURE 39 @ 720 PSI. PRIOR TO PUMPING.

☐

POINT #	TIME	RATE	S PRESS	FRICTION	C PRESS	BH ²
1	9:35	360	1470	6	1464	3369
2	9:50	410	1640	8	1632	3573
3	10:05	470	1780	10	1770	3685
4	10:20	510	1860	12	1848	3775
5	10:35	560	1960	14	1946	3878
6	10:50	610	2000	16	1984	3937
7	11:05	660	2080	18	2042	3999
8	11:20	710	2110	21	2089	4056

SEMGS AU #106



SEMGSAU #106

