

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-005-60875
5. Indicate Type of Lease
STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
302892

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD Well <input type="checkbox"/>		7. Lease Name or Unit Agreement Name Plains 29 8. Well Number #1
2. Name of Operator Texas ReExploration Operating, LC		9. OGRID Number 241908
3. Address of Operator 3300 North A, Building 1-234		10. Pool name or Wildcat San Andres
4. Well Location Unit Letter <u>D</u> 660 feet from the <u>FW</u> line and <u>660</u> feet from the <u>FN</u> line Section <u>29</u> Township <u>105</u> Range <u>286</u> NMPM County <u>Chaves</u>		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3732</u> <u>6R</u>		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: Convert SWD Well <input checked="" type="checkbox"/>	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Administrative order SWD-1099 approved October 14, 2007.

11/02/2007 – 11/8/2007: POOH and LD rods. RIH and clean out to TD @ 2226'. Dump sand from 2226' to 2179'. Ran 4 1/2" 11.6# J-55 csg to 2173'. Cement 4 1/2" csg inside 7" csg with 170sx lite and 50sx cl 'c'. Circulated cement to surface. Bump plug with 1000psi. Held okay. Ran new 2 3/8" plastic coated injection tbg with 4 1/2" AD-1 pkr. Circulated pkr fluid and set pkr @ 2143'. Pressure test csgltbg annulus to 550psi. Held okay for 15 minutes (See attached chart).

12/14/07: Acidized well w/ 8000 gals 20% HCL acid. Final rate- 4.5 BPM. Final pressure 2170psi.

12/27/07: Ran step rate test. Parting pressure @ 1150psi surface pressure and 2148 psi BHP. Requested permission via e-mail from Will Jones, NMOCD Santa Fe to increase approved operating pressure from 442psi to 1000psi on 12/28/07.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

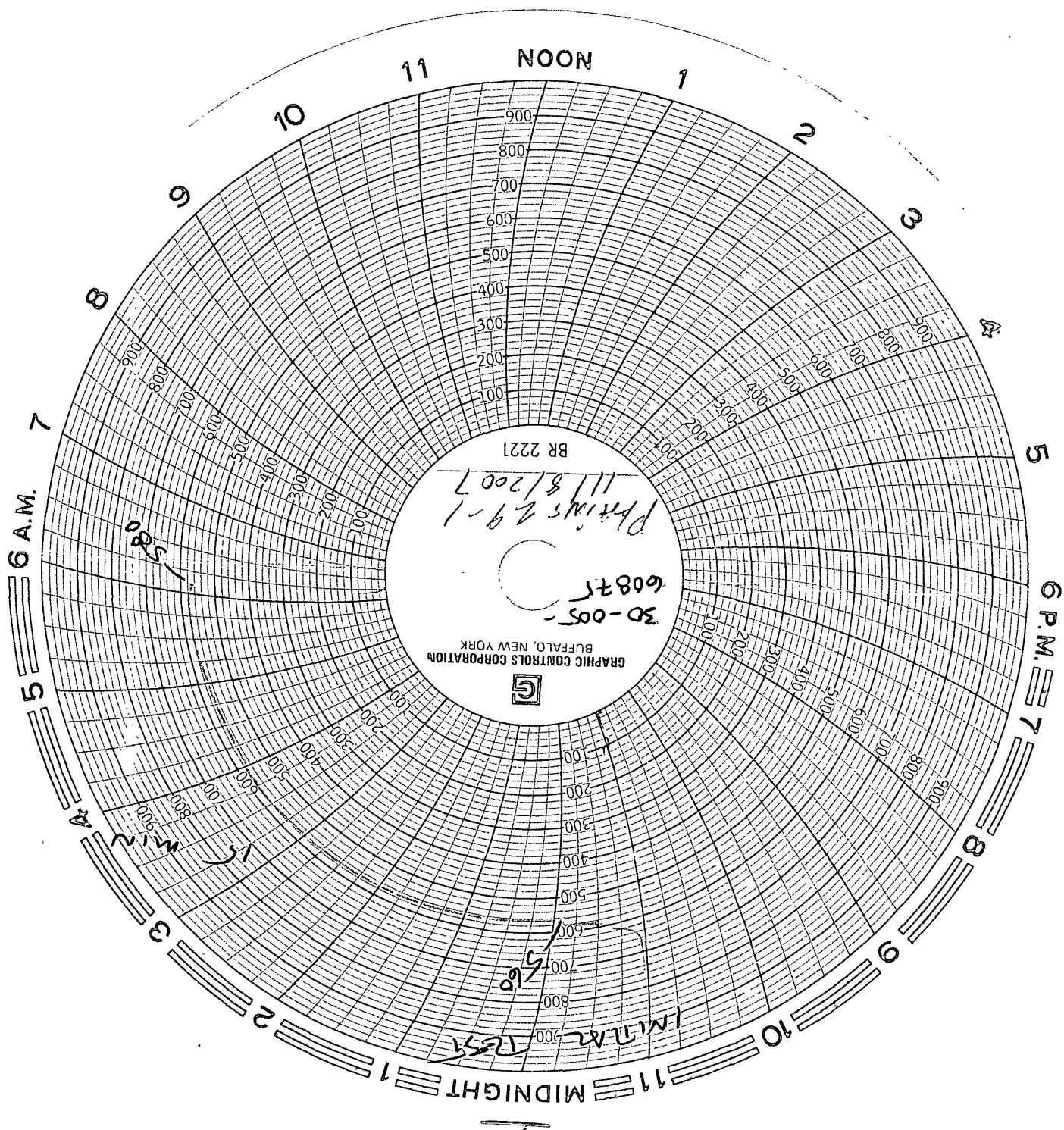
SIGNATURE Don C Bent TITLE Vice President - Engineering DATE 1/4/08

Type or print name
For State Use Only

E-mail address:

Telephone No.

APPROVED BY: Rebecca Ingram TITLE Compliance Officer DATE 2/18/08
Conditions of Approval (if any):





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

ADMINISTRATIVE ORDER SWD-1099

APPLICATION OF TEXAS REEXPLORATION LC FOR PRODUCED WATER DISPOSAL, CHAVES COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), TEXAS REEXPLORATION LC (OGRID 241908) made application to the New Mexico Oil Conservation Division for permission to utilize for produced water disposal its Plains "29" Well No. 1 (API No. 30-005-60875) located 660 feet from the North line and 660 feet from the West line of Section 29, Township 10 South, Range 28 East, NMPM, Chaves County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

The applicant is hereby authorized to utilize for produced water disposal its Plains "29" Well No. 1 (API No. 30-005-60875) located 660 feet from the North line and 660 feet from the West line of Section 29, Township 10 South, Range 28 East, NMPM, Chaves County, New Mexico, in such manner as to permit the injection of produced water for disposal purposes into the San Andres formation through an open hole interval from 2210 feet to 2266 feet and through

plastic-lined tubing set with a packer located within 100 feet of the top of the injection interval.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

As preparation for injection, the operator shall install a new internal injection casing to approximately 2200 feet and cement this casing with a planned design to raise the cement top to approximately 750 feet.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer.

After installing injection tubing, the casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The wellhead injection pressure on the well shall be limited to **no more than 442 psi**. In addition, the injection well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface injection pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the injection formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Artesia district office of the Division of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Artesia district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

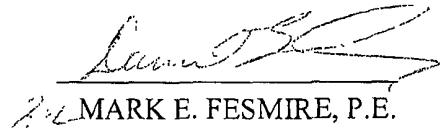
PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall provide written notice of the date of commencement of injection to the Artesia district office of the Division.

The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator received by the Division prior to the termination date, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on October 14, 2007


MARK E. FESMIRE, P.E.
Director

MEF/wvjj
cc: Oil Conservation Division – Artesia

FORM	TOP																													
		PLAINS "29" #1 CURRENT WELLBORE DIAGRAM Texas ReExploration L. C. Sec.Twp.Rng 29D, T-10-S, R-28-E 660' FWL & 660' FNL API #: 30-005-60875 CO, ST: Chaves Co., New Mexico STATUS: SWD																												
		LOG ELEVATION: GROUND ELEVATION: 3732 2'																												
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">CASING</th> <th colspan="2">TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td>10"</td> <td></td> <td>6 1/4"</td> <td></td> </tr> <tr> <td>Pipe</td> <td>8 5/8"</td> <td>7"</td> <td>4 1/2"</td> <td>2 3/8"</td> </tr> <tr> <td>Weight</td> <td>20#</td> <td>20#</td> <td></td> <td></td> </tr> <tr> <td>Depth</td> <td>330'</td> <td>2210'</td> <td>2273'</td> <td>2143'</td> </tr> </tbody> </table>				CASING			TUBING		Hole	10"		6 1/4"		Pipe	8 5/8"	7"	4 1/2"	2 3/8"	Weight	20#	20#			Depth	330'	2210'	2273'	2143'
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		LOGS																												
		Density Log																												
		Spud Date: 3/21/1981 Comp. Date: 10/8/1981 6/10/1983 Deepened 6 1/4" hole from 2226-2266' Acidized w/5000 gals 28% HCl & put on prod																												
		NEW WORK																												
		Set 4 1/2" csg @ 2173' w/500 sx Set 2 3/8" tbg @ 2143' w/AD-1 pkr																												
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		TD 2226'																												

T-REX OPERATING

PLAINS "29" #1

CHAVEZ COUNTY, NEW MEXICO

**TEST DATE
12/27/2007**

STEP RATE TEST

Ran step rate test with electric surface readout unit, 1 electronic pressure instrument @ run depth of 2165' and surface pressure transducer.

**T-REX OPERATING
PLAINS "29" #1
TEST DATE 12/27/2007**

T-REX OPERATING

PLAINS "29" #1

TEST DATE 12/27/2007

[illegible]

Run Depth: 2165, tagged 2175

Perforations: 2173-2226

Formation: San Andres

Total Depth: 2226

Tubing Depth: 2147

Pkr. Depth: 2147

Tested By : J. Chesshir

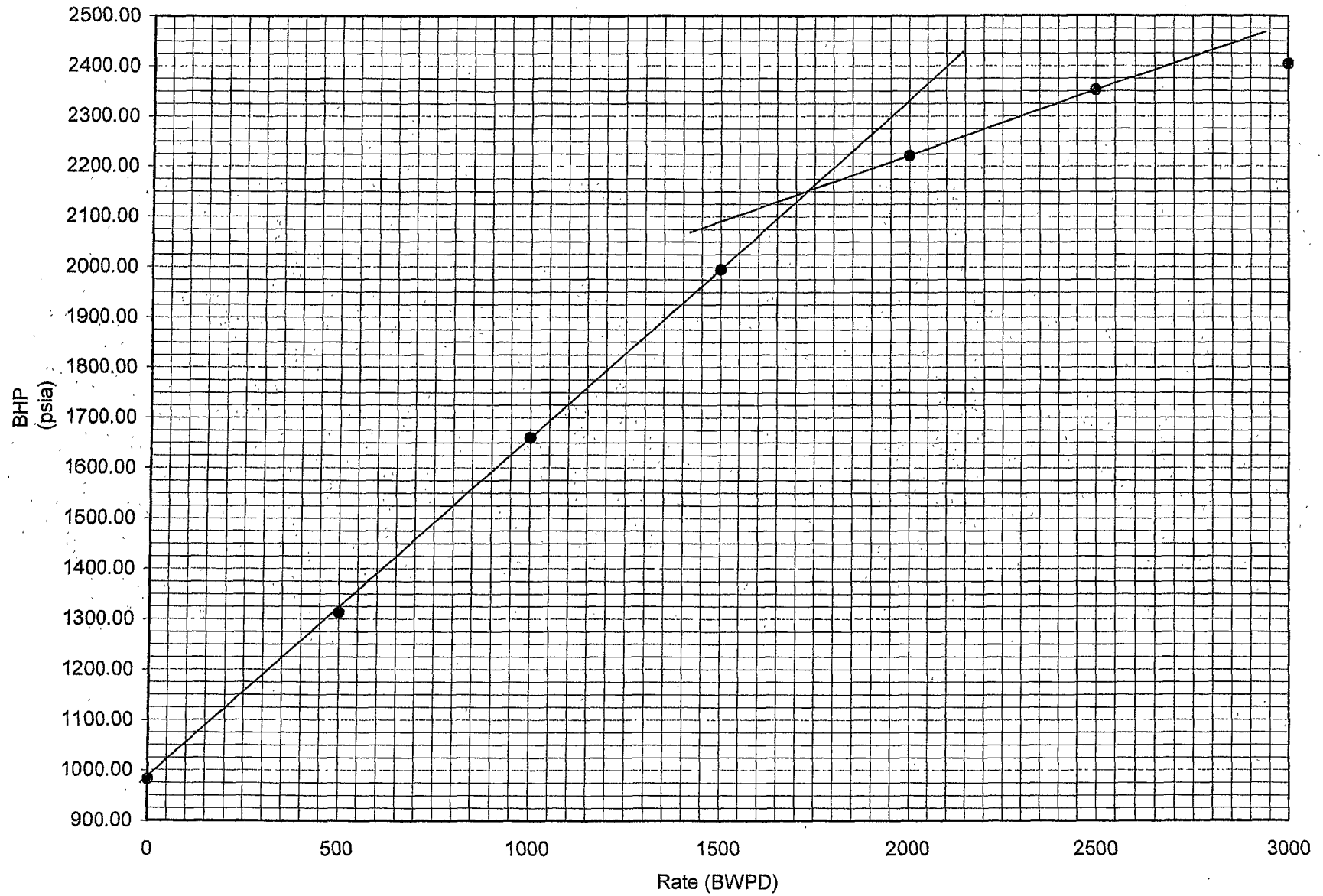
Instrument #: 78302

TEST RESULTS

Parting Pressure @ 2148 BHP (psi) @ 1732 BWPD

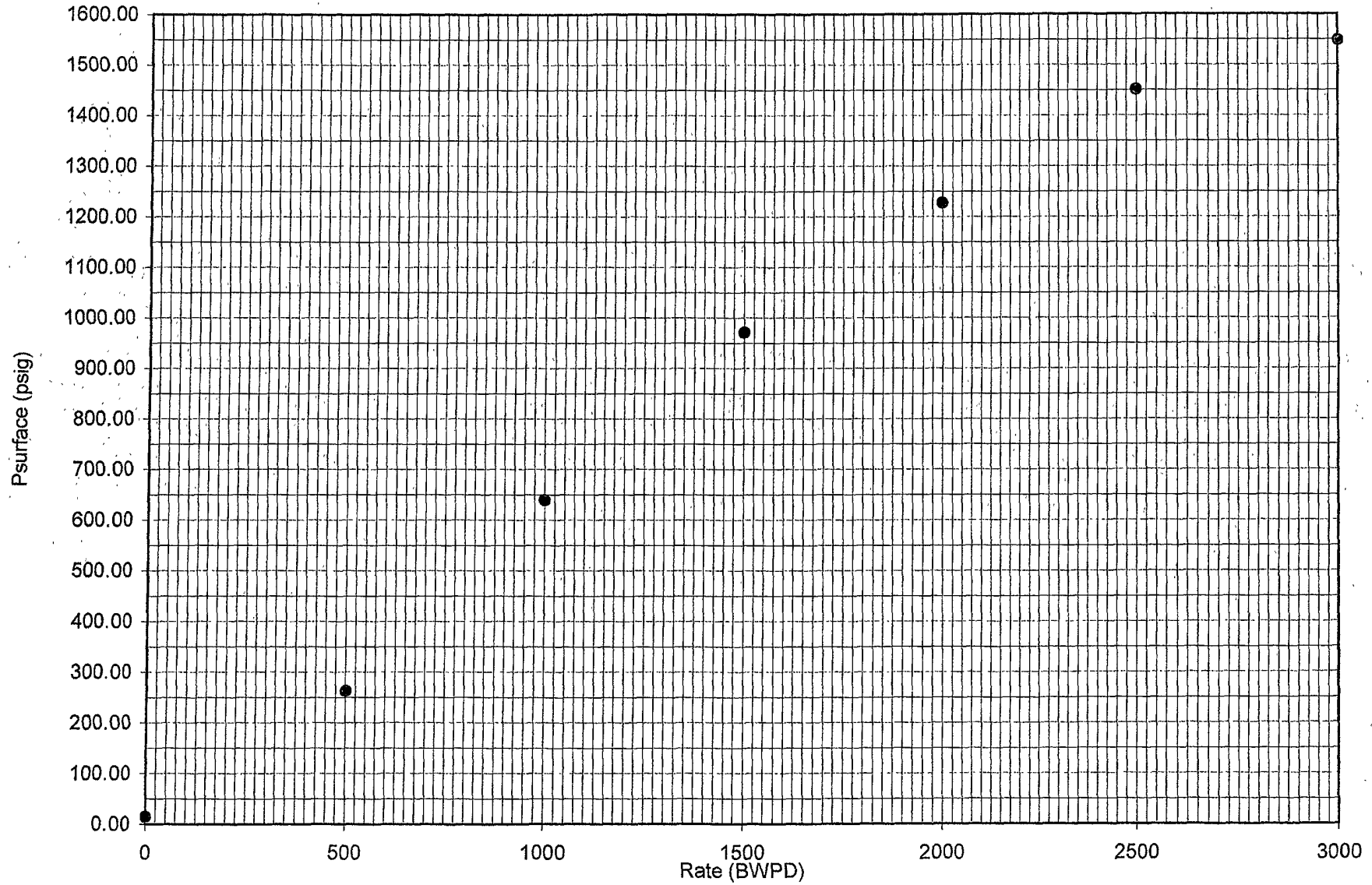
STEP RATE TEST
T-REX OPERATING
PLAINS "29" #1
12/27/2007

PRECISION
PRESSURE
DATA, INC.



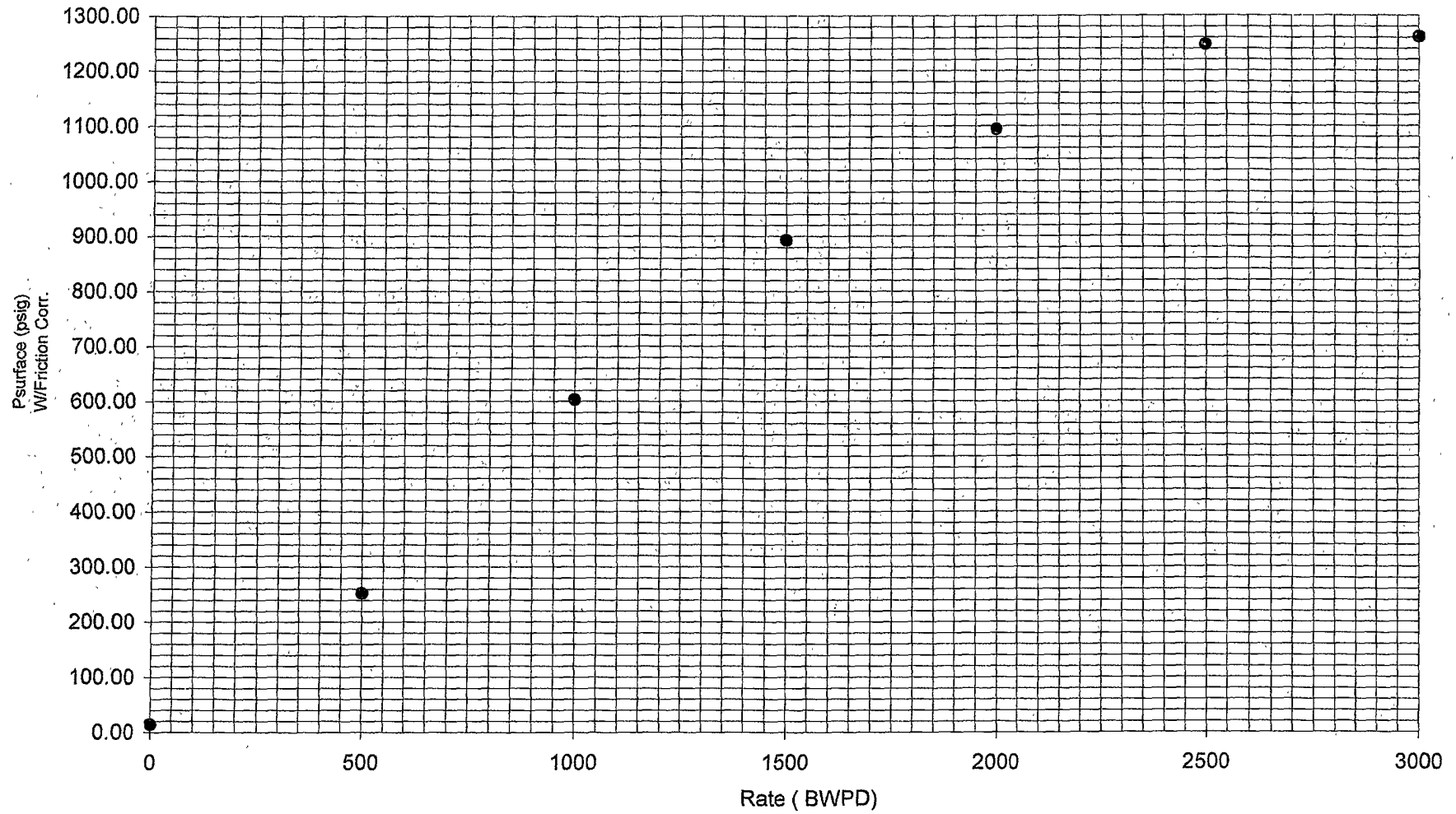
STEP RATE TEST
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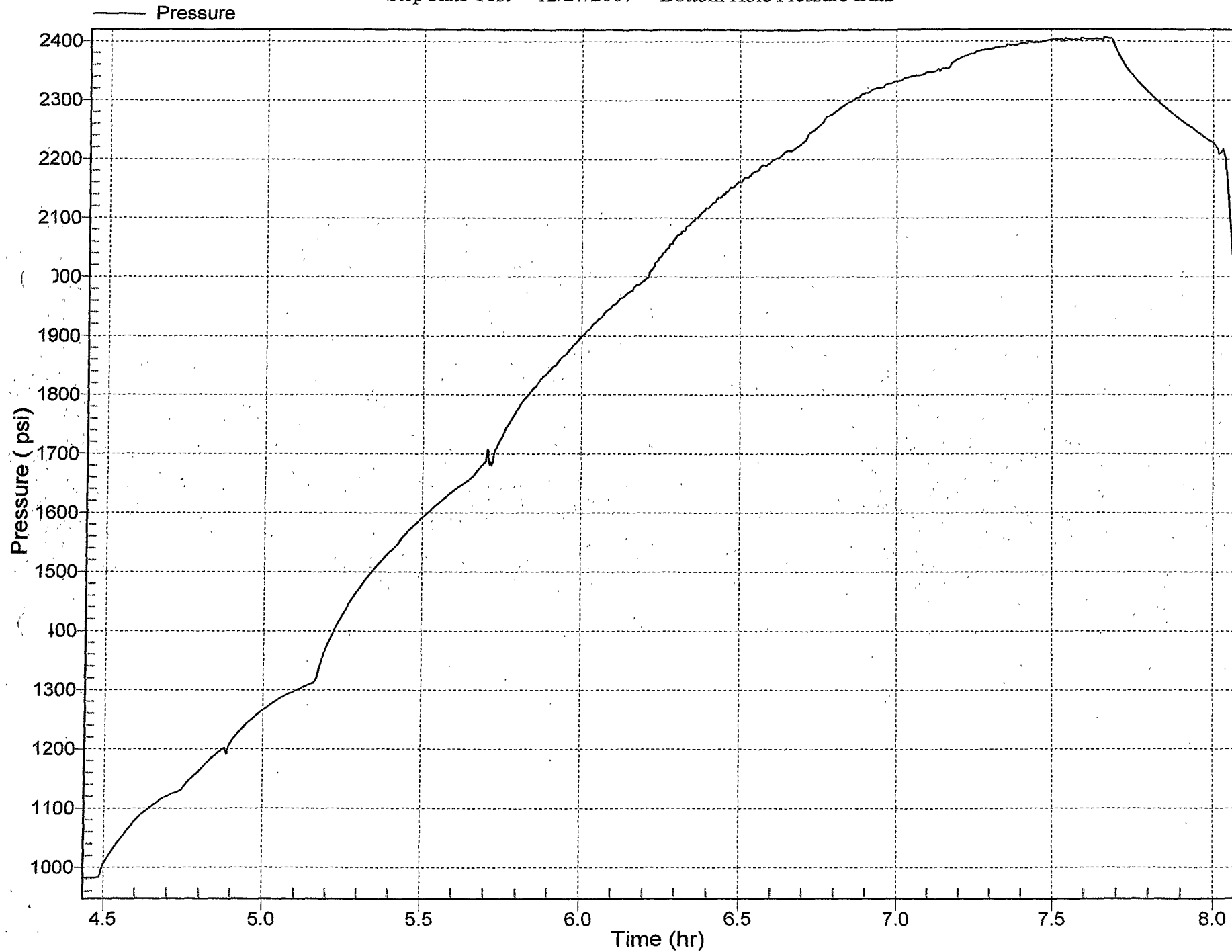
STEP RATE TEST
T-REX OPERATING
PLAINS "29" #1
12/27/2007

PRECISION
PRESSURE
DATA, INC.



T-REX OPERATING - PLAINS "29" #1

Step Rate Test 12/27/2007 Bottom Hole Pressure Data



T-REX OPERATING - PLAINS "29 #1

Step Rate Test 12/27/2007 Surface Pressure Data

