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	N	ABOVE THIS LINE FOR DIVISION USE ONLY NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau - 1220 South St. Francis Drive, Santa Fe, NM 87505 Belco #2
<u></u>	4	ADMINISTRATIVE APPLICATION CHECKLIST 30-015-25433
THI	S CHECKLIST IS MA	INDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Applica	[DH <u>C</u> -Down (PC-Poc]	a dard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] hole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] of Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] Ified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
		Operator / Applicant: Name: Basic Energy Services LP
[1]	TYPE OF API [A]	Lease / Well Name : Belco St. # 2 API # 3001525433 PLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD
*	Check [B]	NSL NSP SD One Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM <i>y y</i>
	[C]	
	[D]	Other: Specify
[2]	NOTIFICATI [A]	Other: Specify If ON REQUIRED TO: - Check Those Which Apply, or □ Does Not Apply If Working, Royalty or Overriding Royalty Interest Owners If Offset Operators, Leaseholders or Surface Owner SWP Application is One Which Requires Published Legal Notice 508-7
	[B]	Offset Operators, Leaseholders or Surface Owner 5^{W}
	[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,
[3] OF AP		Waivers are Attached URATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE NDICATED ABOVE.
applicat	al is accurate an tion until the req	TION: I hereby certify that the information submitted with this application for administrative ad complete to the best of my knowledge. I also understand that no action will be taken on this juired information and notifications are submitted to the Division. ompleted by an individual with managerial and/or supervisory capacity .

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David Alvarado	- china Halling	SENM Fluid District Mgr.
Print or Type Name	Signature	Title

08-2	3-,	ZD/	[
Date			

david.alvarado@basicenergyservices.com e-mail Address

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Basic Energy Services LP 500 W. Illinois, Suite 100 Midland Texas 70702

August 19, 2011

New Mexico Oil Conservation Division Engineering Bureau 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Attn: Terry G. Warnell EMNRD

RE: Request for Increase in Maximum Allowable Surface Injection Pressure Belco St. # 2 2310' FNL 1980' FWL Unit Letter "F", Section 20, T23S R28E

Basic Energy Services LP respectfully requests approval to increase the maximum allowable surface injection pressure on its Belco St. # 2 SWD well.

Attached please find the following:

- 1) Step-rate test analysis
- 2) Current water disposal permit SWD- 1292.
- 3) Log section covering the injection interval
- 4) Current wellbore schematic
- 5) Form C-103 request for increase in allowable surface injection pressure.

As shown with the attached analysis, it has been determined that the fracture extension pressure at surface is 1,106 psi. Applying a safety factor of 50 psi, Basic Energy Services LP respectfully requests approval to increase the maximum allowable surface injection pressure to 1,056 psi from the current maximum allowable pressure of 508 psi.

Thank David Alvarado

Basic Energy Services LP SENM District Fluids Manager

Location:	Basic Ener Well: Field:
Eddy County, NM	Basic Energy Services, LLC Well: Belco State No. 2 Field:



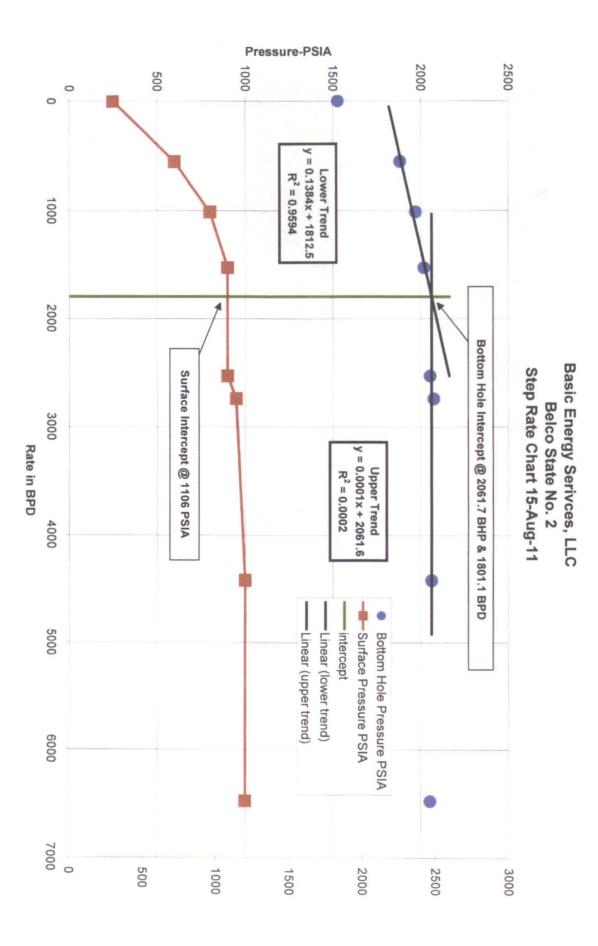
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New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

John H. Bernis Cabinet Secretary-Designate

Brett F. Woods, Ph.D. Deputy Cabinet Secretary Jami Bailey Division Director Oil Conservation Division



Administrative Order SWD-1292 July 5, 2011

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of 19.15.26.8B NMAC, Basic Energy Services, LP seeks an administrative order to utilize its Belco Well No. 2 (API 30-015-25433) located 2310 feet from the North line and 1980 feet from the West line, Unit Letter F of Section 20, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of 19.15.26.8B NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in 19.15.26.8 NMAC have been met and the operator is in compliance with 19.15.5.9 NMAC.

IT IS THEREFORE ORDERED THAT:

The applicant, Basic Energy Services, LP, is hereby authorized to utilize its Belco Well No. 2 (API 30-015-25433) located 2310 feet from the North line and 1980 feet from the West line, Unit Letter F of Section 20, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Delaware Mountain Group through perforations from 2540 feet to 3680 feet through lined tubing and a packer set within 100 feet of the permitted disposal interval.

Prior to commencing disposal, the well shall be plugged back with cast iron bridge plug and cement to within 200 feet below the lowermost permitted disposal interval.

IT IS FURTHER ORDERED THAT:

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

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surface.

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

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC.

The wellhead injection pressure on the well shall be limited to no more than <u>508 psi</u>. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate-Test----

The operator shall notify the supervisor of the Division's district office of the date and time of the installation of disposal equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Division Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the Division's district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written

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request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

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 or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.

Director

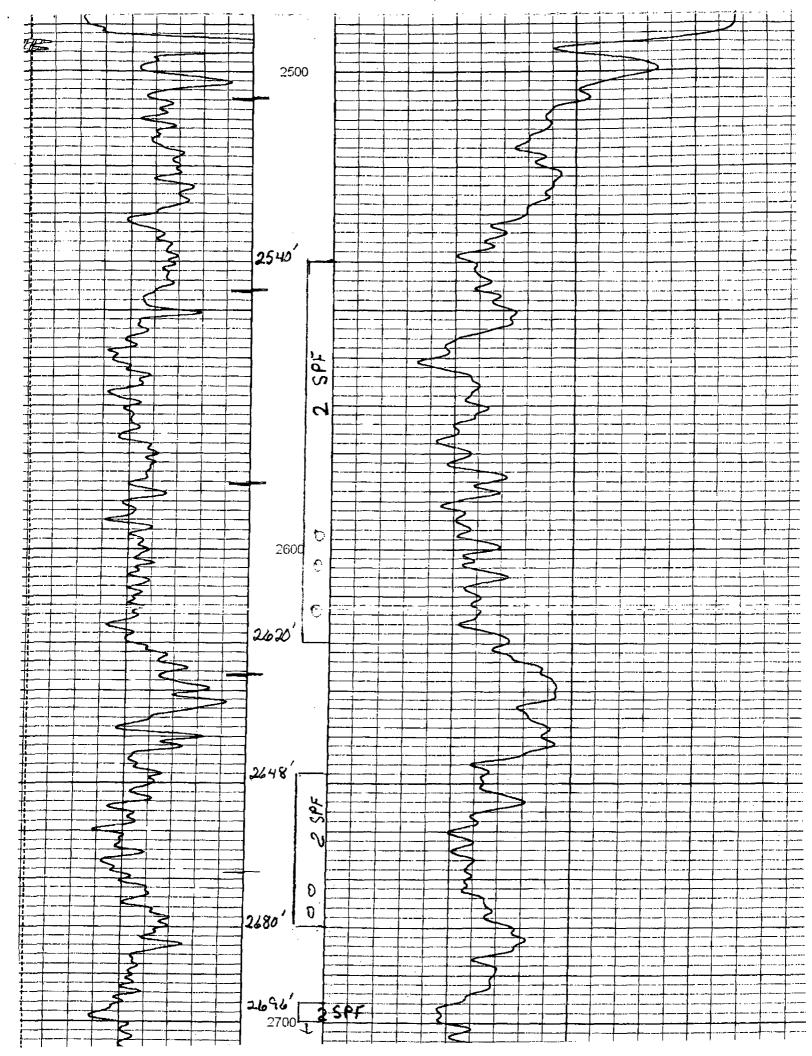
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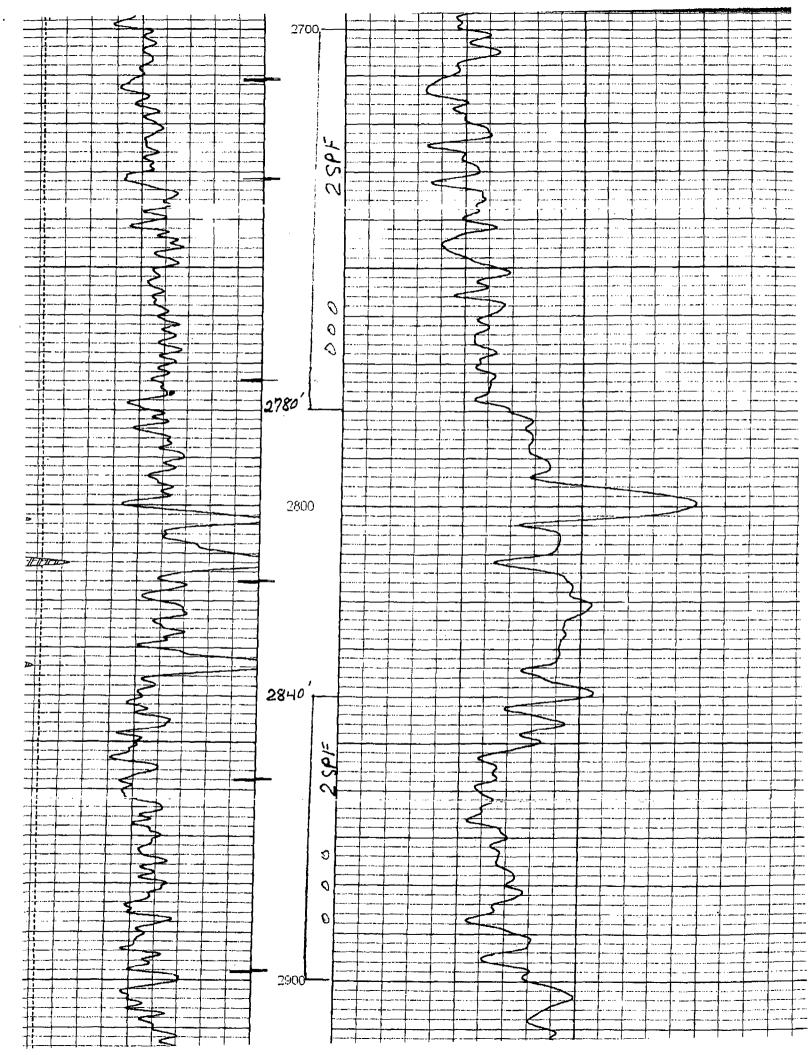
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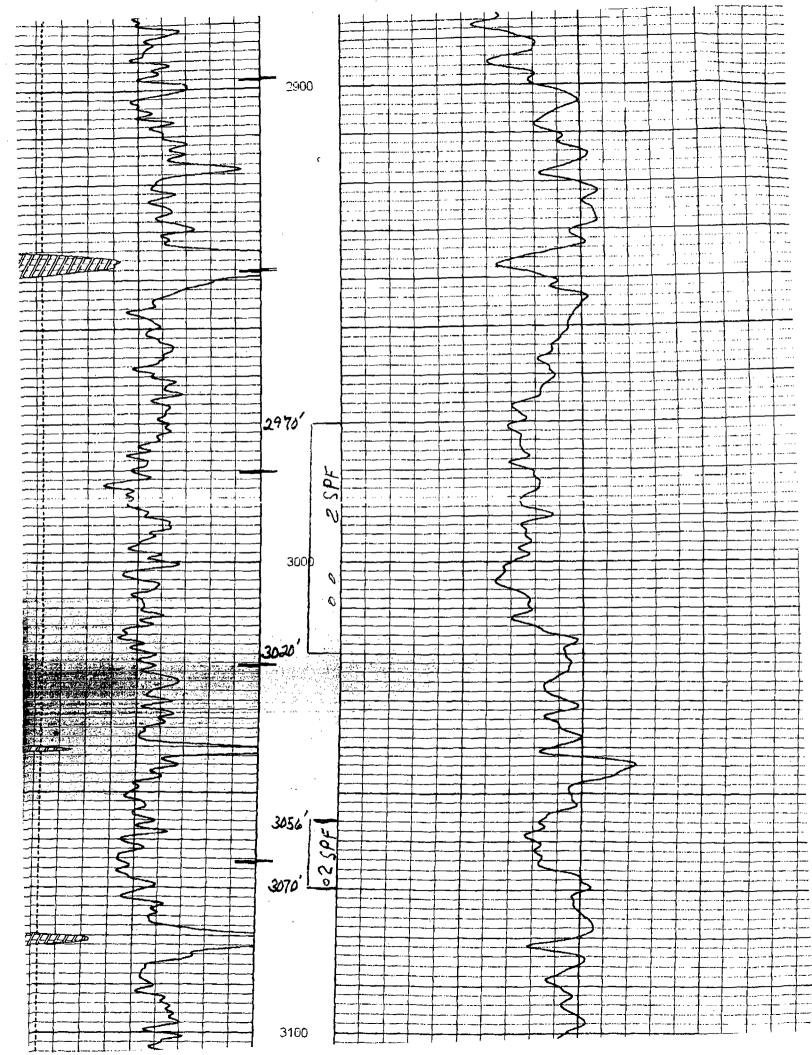


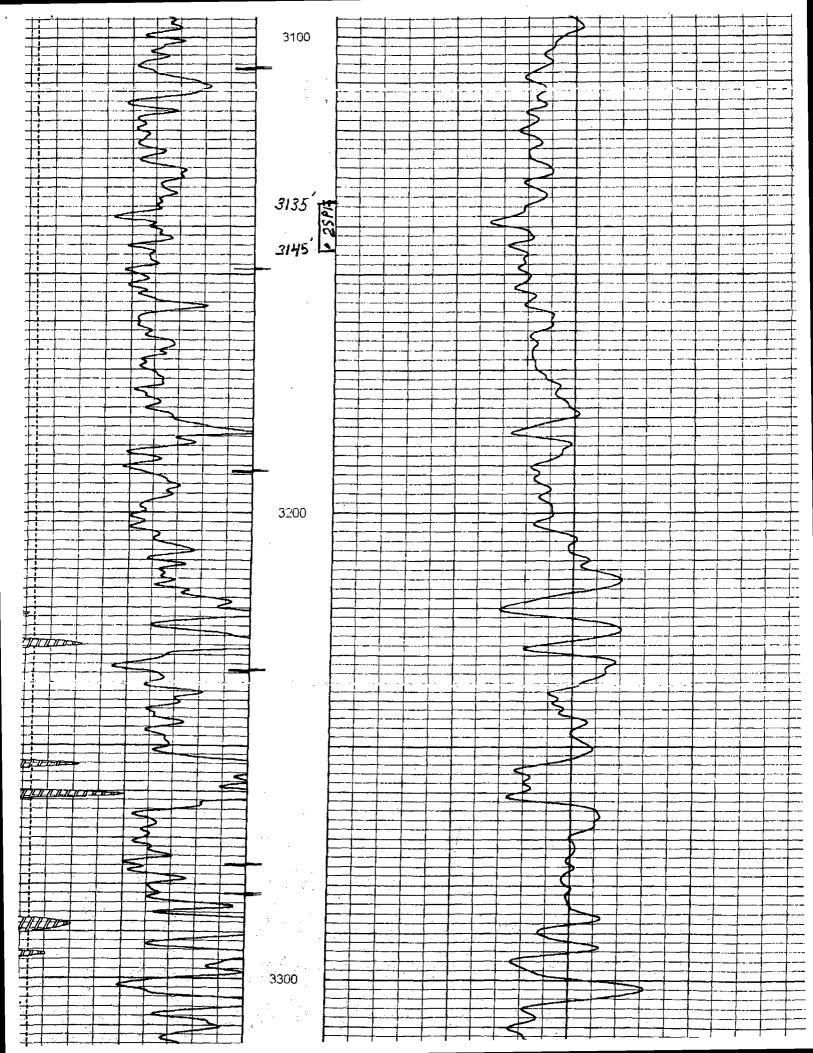
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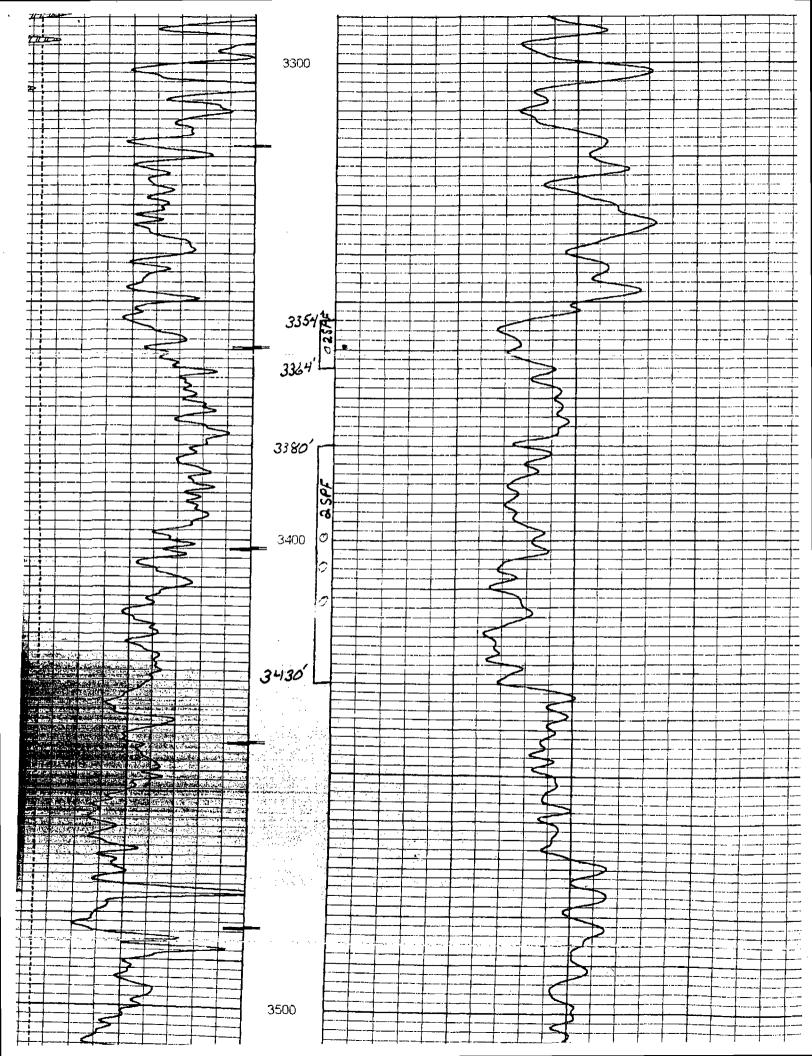
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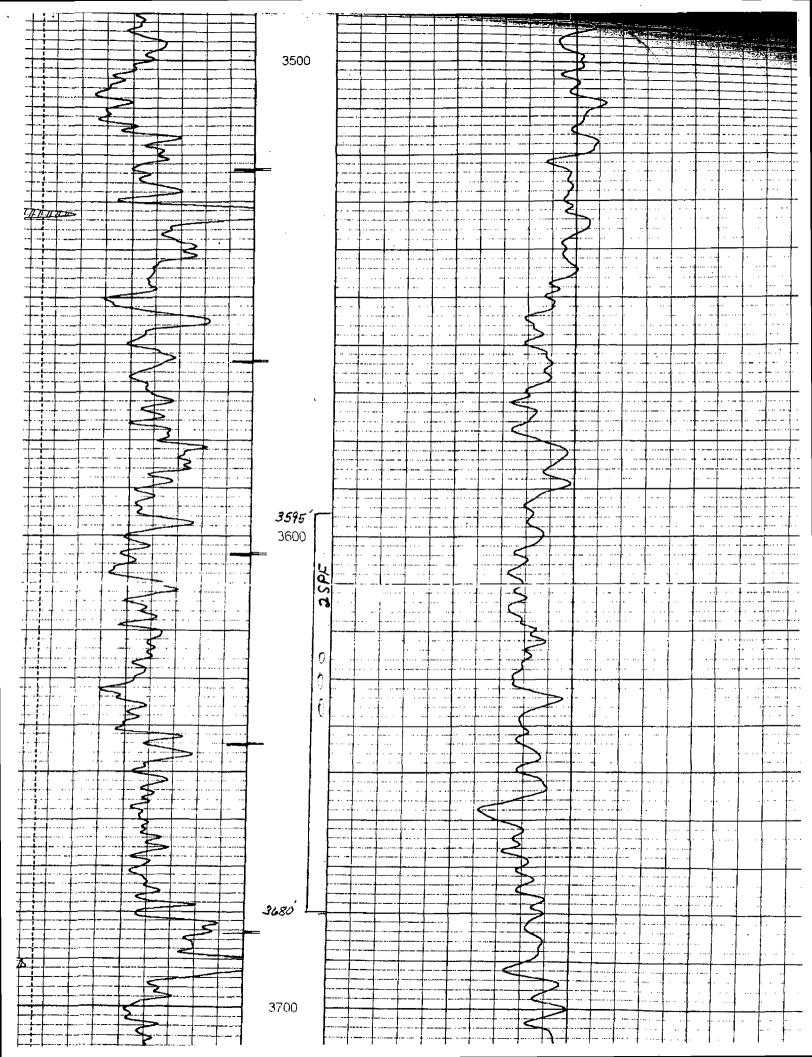


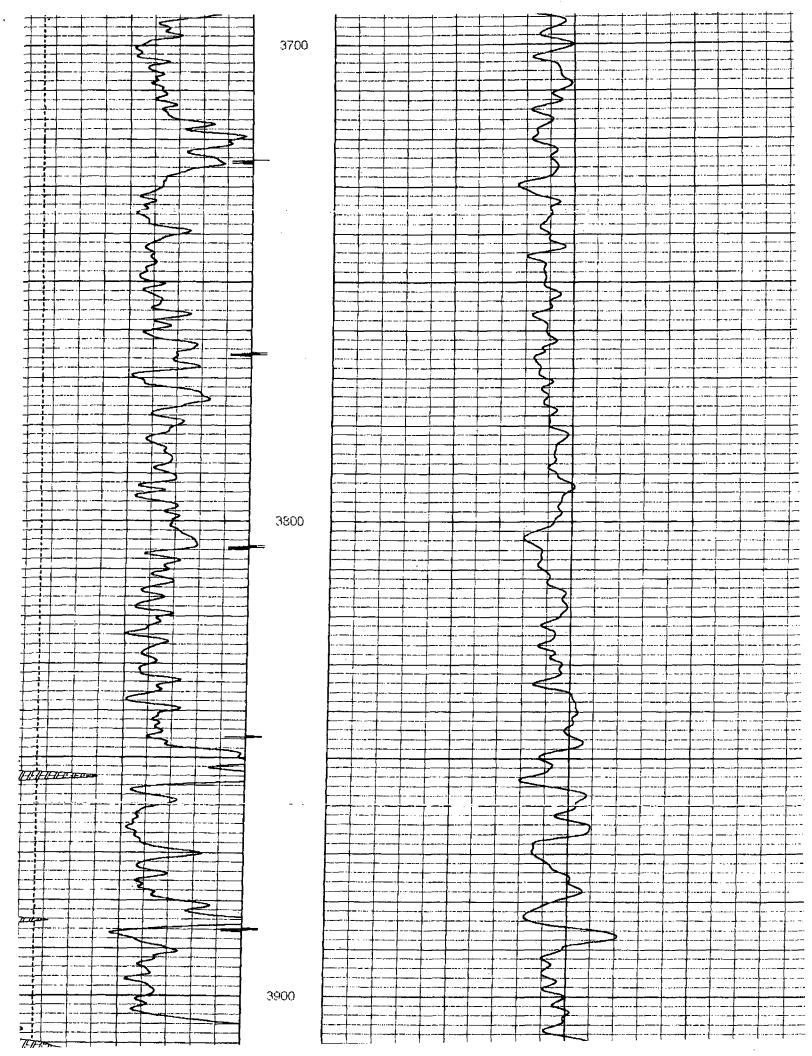












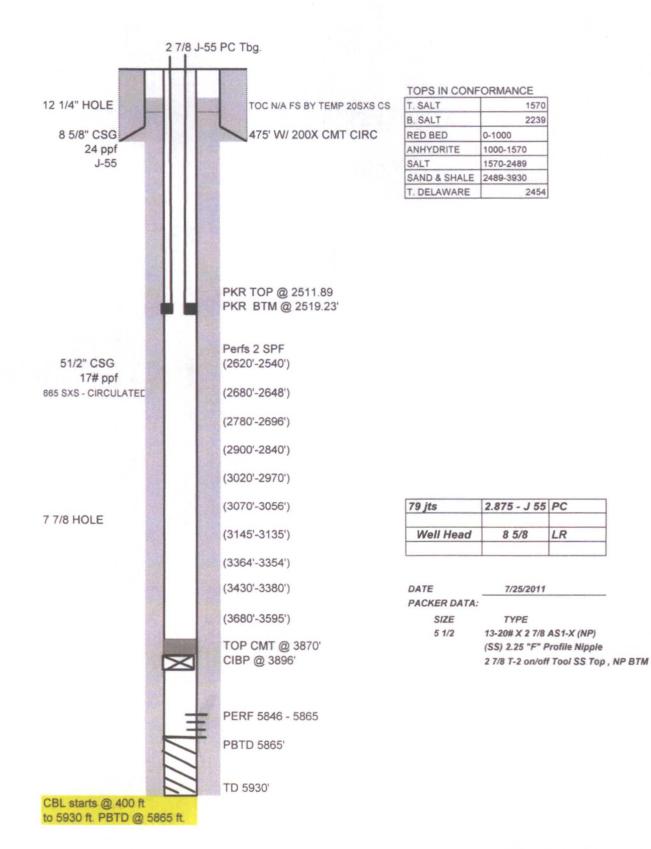
BASIC ENERGY SERVICES LP

BELCO ST. #2

API # 3001525433 2310' FNL & 1980' FWL Unit F, Sec 20, T 23S, R 28E Eddy County

WELL BORE DIAGRAM

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Submit 1 Copy To Appropriate District Office <u>District 1</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 District <u>11</u> – (575) 748-1283	State of New Mexico Energy, Minerals and Natural Resources	Form C-103 Revised August 1, 2011 WELL API NO. 3001525433					
811 S. First St., Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	OIL CONSERVATION DIVISION 1220 South St. Francis Dr.	5. Indicate Type of Lease STATE FEE X					
District IV - (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	6. State Oil & Gas Lease No.					
(DO NOT USE THIS FORM FOR PROPOSAL DIFFERENT RESERVOIR. USE "APPLICA"	ES AND REPORTS ON WELLS LS TO DRILL OR TO DEEPEN OR PLUG BACK TO A FION FOR PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name Belco State					
PROPOSALS.) 1. Type of Well: Oil Well Ga	as Well 🔲 XX Other SWD	8. Well Number # 2 SWD					
2. Name of Operator Basic El	nergy Services LP	9. OGRID Number					
3. Address of Operator	0460 Midland Texas 79702	10. Pool name or Wildcat Delaware					
4. Well Location							
Unit Letter F : 2310	feet from theNorth line andfe	et from the <u>West</u> line					
Section 20	Township 23 S Range 28 E NMPM	County Eddy					
11. Elevation (Show whether DR, RKB, RT, GR, etc.)							
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data							
	PLUG AND ABANDON	SEQUENT REPORT OF: RK					

	Injection Pressure
 Describe proposed or completed operations. (Clearly state all of starting any proposed work). SEE RULE 19.15.7.14 NMA proposed completion or recompletion. 	pertinent details, and give pertinent dates, including estimated date C. For Multiple Completions: Attach wellbore diagram of

CASING/CEMENT JOB

OTHER:

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Request Increase in Allowable Surface

PULL OR ALTER CASING

DOWNHOLE COMMINGLE

OTHER:

MULTIPLE COMPL

Accompanying this form are the results of a step – rate injection test performed on 8/15/2011. The purpose of this test was to support a request for an in crease in the Maximum allowable surface injection pressure.

It has been determined that the fracture extension pressure is 1,106 psi. Applying a safety factor of 50 psi, Basic Energy Services LP respectfully requests approval to increase the maximum allowable surface injection pressure to 1,056 psi.

Spud Date:	Rig Relea	ise Date:						
I hereby certify that the information above is true and complete to the best of my knowledge and belief.								
SIGNATURE	TITLE	SENM District Fluids Mgr.	PDATE 08/23/2011					
Type or print name <u>David H. Alvarado</u> E-mail : For State Use Only	address: <u>david</u>	.alvarado@basicenergyservices.com	PHONE: <u>575. 746. 2072</u>					
APPROVED BY: Conditions of Approval (if any):	TITLE		DATE					