BASS ENTERPRISES PRODUCTION CO. 6 DESTA DRIVE, SUITE 3700 P.O. BOX 2760 MIDLAND, TEXAS 79702

FAX (915) 687-0329

November 5, 2001

(915) 683-2277

Re: Notice of Application for Authorization to Convert to SWD Poker Lake Unit #137 Eddy County, New Mexico File: 400-WF: 01AQ#137.SWD

Lori Wrotenberry Oil Conservation Division 2040 Pacheco Street Santa Fe, New Mexico 87505

Dear Ms. Wrotenberry:

Enclosed please find Bass Enterprises Production Co.'s <u>Application for Authorization to</u> <u>Convert</u> for disposal purposes only into the Poker Lake Unit #137, located in Section 32, T23S-R30E, Eddy County, New Mexico.

If additional information is required, please contact Kent Adams at the letterhead address.

Sincera

John R. Smitherman Division Production Manager

Attachment





Oil Conservation Division

FORM C 108

ENE	RGY, MINERALS OURCES DEPART	AND NATURAL	1220 Sou	ath St. F	rancis Dr. exico 87505				Revised	4-1-98
		APPLIC	CATION FOR A	<u>AUTHO</u>	RIZATION	<u>I TO INJI</u>	E <u>CT</u>		37-123	450
I.	PURPOSE: Application qualifi	Secondary Re ies for administrative a		P	ressure Mair Yes	itenance	<u>X</u> No	_Disposal	<u> </u>	_Storage
II.	OPERATOR:	Bass Enterprises Pr	roduction Co.					Д	RECEIVE	
	ADDRESS:	P. O. Box 2760	Midland, Tex	as 79702	2			0	CH ZPT	
	CONTACT PART	Y: Tami Wilber						PHONE: (9	15) 683-2	277
HI.	WELL DATA: Co Ad	mplete the data requir ditional sheets may be	ed on the revers attached if nece	se side of essary.	this form fo	or each wel	ll proposed	l for injection.		
IV.	Is this an expansio If yes, give the Div	n of an existing projection order number au	t? thorizing the pr	Yes roject:	<u> </u>	No				
V.	Attach a map that i drawn around each	identifies all wells and proposed injection we	l leases within the leases wit	wo miles identifie	s of any prop s the well's a	oosed injec area of revi	tion well v iew.	vith a one-hall	f mile radi	us circle
VI.	Such data shall inc	of data on all wells of lude a description of e lugged well illustration	each well's type,	construc	e area of rev ction, date d	view which rilled, loca	penetrate tion, deptl	the proposed n, record of co	injection z mpletion,	zone. and a
VII.	Attach data on the	proposed operation, in	ncluding:							
	 Whether the sy Proposed avera Sources and an produced water If injection is for 	ge and maximum dail stem is open or closed ge and maximum inje appropriate analysis or r, and, or disposal purposes in sis of the disposal zon	; ction pressure; of injection fluid nto a zone not pi	l and cor	npatibility v e of oil or ga	with the rec	hin one m	ile of the prop	osed well.	attach a
*VIII.	Attach appropriate depth. Give the get	e geologic data on the ologic name, and dept	injection zone in h to bottom of al	ncluding ll underg	appropriate	lithologic es of drink	detail, ge	ologic name, t (aquifers cont	hickness, aining wat	and ters with

IX. Describe the proposed stimulation program, if any.

known to be immediately underlying the injection interval.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources

- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering XII. data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME:	Tami Wilber	TITLE: <u>Production Clerk</u>
SIGNATURE: _	Dami Wilber	DATE: <u>November 5, 2001</u>

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. * Please show the date and circumstances of the earlier submittal:

III. Well Data

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Footage:	Range:	Township:	Section:	Well #:	1) Lease name:
330' FNL & 330' FWL	30E	23S	32D	#137	Poker Lake Unit

2) Casing Info.

Casing size	Set depth	Sacks cmt	T	тос	Method
11-3/4" 42# WC-40 STC	612'	440sx	14-3/4"	Surface	Circ 140sx
8-5/8" 28# WC-50 STC	3,448'	1,100sx	11"	Surface	Circ 213sx
5-1/2" 15.5# J&K-55 LTC	7,442'	710sx	7-7/8"	3,120'	Temp log
*DV @ 5846'					,

- Tubing to be used (size, linining material, setting depth): 2-7/8" 6.5# J-55 Seal tite PVC
- Name, model, and depth of packer to be used: Baker Lok-Set packer (plasti coated ID & nickel coated OD) @ 7170'
- Name of the injection formation and, if appilicable, the field or pool name: Nash Draw (Delaware)

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- The injection interval and whether it is perforated or open hole: The proposed disposal zone is perforated, 7200' to 7210', with 20 holes.
- State if the well was drilled for injection or, if not, the original purpose of the well: The captioned well was drilled and completed as a producer.
- 4) Give the depths of any other perforated intervals and detail on the sacks of cement or BP's used to seal off such perforations: The captioned wellbore contains no other perforations or plugs.
- <u>5</u> Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any: T/Atoka T/Wolfcamp 9625' 7275'

T/Morrow Lime

10,225



					Constructi	n						
Number		Operator Well Type	Location	Surface Casing	Intermediate Casing	Production Casing	Tubing	Spud Date	Comp Date	đ	Perforationa	Stimulation
N	470	Manalo Producer	430' FSL & 1750' FEL, \$30 T23S-R30E	13-3/8" @ 670', d/750sx	8-518" @ 3275', a/1250sx	2 7390', c/795sx	2-7/8" @ 7094'	8/16/97	9/21/97	7390'	6999'-7094'	34,000g & 120,500#
7	30015293640	Manalo Producer	330' FSL & 330' FEL, \$30 T23S-R30E	13-3/8" @ 675', c/550ex	8-5/8" @ 3280', c/1200sx	@ 7450', c/700sx	2-7/8" @ 7044'	2/20/97	4/2/97	7450'	7109'-7157'	7109'-7157' 34,000g & 120,500# sand
	30015297360	Manalo Producer	560' FNL & 330' FEL, s31 T23S-R30E	13-3/8" @ 672', c/750sx	8-5/8" @ 3300', c/1175sx	@ 7300', c/780ex	2-7/8" @ 7012'	9/3/97	10/26/97	7300'	7125'-7186'	35,280g & 123,780# sand
N	30015307870	Manalo Producer	1980' FNL & 330' FEL, \$31, T23S-R30E	13-3/8" @ 650', c/ 973sx	8-5/8" @ 3310', c/1000sx	@ 7328', c/700sx	2-7/8" @ 7253'	11/24/99	1/11/00	7328'	7157'-7253'	7157'-7253' 34,000g & 120,500# sand
ω	30015308220	Maralo n/a	660' FNL & 1650' FEL, s31 T23S-R30E	n/a	nva	n/a	Na	9/11/01	nva	n/a	Na	n/a
4	30015314440	Manalo Spotted Lo	c 1650' FNL & 1750' FEL, s31 T23S-R30E	n/a	Na	n/a	N/B	n/a	n/a	Na	Na	n/a
137	30015297150	BEPCO Producer	330' FNL & 330' FWL, \$32 T23S-R30E	11-3/4" @ 612', c/440sx	8-5/8" @ 3448', c/1100sx	5-1/2" @ 7442', c/995sx	2-718" @ 7226'	8/7/97	8/12/97	7442	7200-7210	46,764g & 250,501# sand
140	30015298760	BEPCO Producer	1980' FNL & 330' FWL, #32 T23S-R30E	11-3/4" @ 537', c/840sx	8-5/8" @ 3514', c/1100sx	5-1/2" @ 7524', c/875ax	2-718" @ 7315'	11/16/97	12/30/97	7624'	7212'-7220'	52,668g & 245,762# sand
142	n/a	BEPCO Spotted Lo	c 1980' FNL & 1450' FEL, s32 T23S-R30E	R/U	n/a	n/a	Na	n/a	n/a	∩ /a	Na	Na
he propo	sed operation, d maximum de	, including: aily rate and volume	e of fluids to be injected: 3,000 BWPC									
system is brage an	s open or close d maximum inj	ed: closed jection pressure: 8	00osi averace. 1500osi maximum									
	Number 2 7 1 1 2 2 3 3 3 4 140 142 140 142 142 142 142 142 142 142 142 142 142	Ill Name Number API Operator Wall Type Load Ill Rash 30 Fed 2 300152934470 Manab Producer 430 FSL & 1750" FEL. Idl Rash 30 Fed 7 30015293640 Manab Producer 330" FSL & 330" FEL. Idl Rash 30 Fed 1 30015293640 Manab Producer 330" FSL & 330" FEL. Idl Rash 31 Fed 1 300152937380 Manab Producer 660" FNL & 330" FEL. Idl Rash 31 Fed 3 30015291780 Manab Producer 660" FNL & 330" FEL. Idl Rash 31 Fed 3 30015291740 Manab Spotted Loc 1650" FNL & 1350" FEL Idl Rash 31 Fed 4 30015291740 Manab Spotted Loc 1650" FNL & 1350" FNL Idl Rash 31 Fed 4 30015291740 BEPCO Producer 330" FIL. Idl Rash 31 Fed 140 30015291760 BEPCO Producer 330" FNL & 330" FNL Ker Lake Unit 140 30015291760 BEPCO Spotted Loc 1860" FNL & 330" FNL <t< td=""><td>Weil Name Number API Operator Weil Type Gold Rush 30 Fed 2 30015287470 Manele Producer Gold Rush 30 Fed 7 30015287470 Manele Producer Gold Rush 30 Fed 1 30015287360 Manele Producer Gold Rush 31 Fed 2 30015307870 Manele Producer Gold Rush 31 Fed 2 30015307870 Manele Producer Gold Rush 31 Fed 2 30015307870 Manele Producer Gold Rush 31 Fed 3 30015307150 BEPC0 Producer Gold Rush 31 Fed 137 3001538780 BEPC0 Producer Poker Lake Unit 140 30015388706 BEPC0 Sported Lo Poker Lake Unit 142 rNa BEPC0 Sported Lo Poker Lake Unit 142 rNa BEPC0 Sported Lo Poker Lake Unit 142 rNa BEPC0 Sported Lo 2. Wheither the system is open on closed: closed C</td><td>Weil Name Number API Operator Weil Type Location Gold Rush 30 Fed 2 30015287470 Marele Producer 430" FSL & 1750" FEL, s30" Z3S-R30E Gold Rush 30 Fed 7 30015289540 Marele Producer 330" FSL & 330" FEL, s30" Z3S-R30E Gold Rush 31 Fed 1 30015297360 Marele Producer 660" FNL & 330" FEL, s31" T23S-R30E Gold Rush 31 Fed 2 30015307870 Marele Producer 660" FNL & 330" FEL, s31" T23S-R30E Gold Rush 31 Fed 2 30015307870 Marele Producer 660" FNL & 330" FL, s31<t23s-r30e< td=""> Gold Rush 31 Fed 2 30015307870 Marele Producer 660" FNL & 330" FNL & 330" FL, s31<t23s-r30e< td=""> Gold Rush 31 Fed 137 30015307750 BEPC0 Producer 130" FNL & 330" FNL & 330" FNL , s32<t23s-r30e< td=""> Gold Rush 31 Fed 140 30015288780 BEPC0 Producer 1980" FNL & 330" FNL , s32<t23s-r30e< td=""> Poker Lake Unit 142 n/a BEPC0 Sported Loc 1980" FNL & 1450" FEL, s31 132S-R30E <</t23s-r30e<></t23s-r30e<></t23s-r30e<></t23s-r30e<></td><td>Vali Type Location S 'roducer 430' FSL & 1750' FEL, s30' T23S-R30E 11 'roducer 330' FSL & 330' FEL, s30' T23S-R30E 12 'roducer 660' FNL & 330' FEL, s31' T23S-R30E 12 'roducer 660' FNL & 330' FEL, s31' T23S-R30E 12 'roducer 660' FNL & 130' FEL, s31' T23S-R30E 12 'roducer 1660' FNL & 150' FEL, s31' T23S-R30E 12 'roducer 330' FNL & 150' FEL, s31' T23S-R30E 12 'roducer 1660' FNL & 150' FEL, s31' T23S-R30E 12 'roducer 1660' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 330' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 140' FEL, s31' T23S-R30E 12 'roducer 1680' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 140' FEL, s31' T23S-R30E 12 'roducer 1680' F</td><td>Vall Type Location Surface Casing Intermediate Casing 'reducer 330 FSL & 1750 FEL, s30 T335-R30E 13-36" @ 670, d750ax 6-56" @ 3275, d71250ax 'reducer 330 FSL & 300 FEL, s30 T235-R30E 13-36" @ 675, d650ax 6-56" @ 3280, d71206ax 'reducer 660 FNL & 330 FEL, s31 T235-R30E 13-36" @ 672, d750ax 6-56" @ 3300, d7175ax 'reducer 660 FNL & 330 FEL, s31 T235-R30E 13-36" @ 672, d750ax 6-56" @ 3310, d71000ax 'reducer 1660 FNL & 150 FEL, s31 T235-R30E 13-36" @ 672, d440ax 6-56" @ 3314, d7100ax 'reducer 1660 FNL & 330 FWL, s22 T235-R30E 11-34" @ 657, d440ax 8-56" @ 3344, d7100ax 'reducer 1660 FNL & 330 FWL, s22 T235-R30E 11-34" @ 637, d440ax 8-56" @ 3344, d71100ax 'reducer 1680 FNL & 330 FWL, s22 T235-R30E 11-34" @ 537, d440ax 8-56" @ 3344, d71100ax 'reducer 1680 FNL & 1450' FEL, s32 T235-R30E 11-34" @ 537, d440ax 8-56" @ 3344, d71100ax 'reducer 1680' FNL & 1450' FEL, s22 T235-R30E 11-34" @ 537, d440ax 8-56" @ 314, d71100ax 'reducer 1680' FNL & 1450' FEL, s22 T235-R30E 11-34" @ 537, d440ax 8-56" @ 314, d71100ax</td><td>Vall Type Location Surface Casing Intermediate Casing Intermediate Casing Construction 'reducer 330' FSL & 1750' FEL, sol T33-R30E 13-34° @ 670', d750x 6-56° @ 3275', d7350x 5-112' @ 7300', 67766x 'reducer 330' FSL & 30' FEL, sol T23S-R30E 13-34° @ 675', d750x 6-56° @ 3275', d7350x 5-112' @ 7300', 67706x 'reducer 660' FNL & 30' FEL, sol T23S-R30E 13-34° @ 672', d750x 6-56° @ 3280', d7175x 5-112' @ 7300', 67706x 'reducer 660' FNL & 30' FEL, sol T23S-R30E 13-34° @ 672', d750x 6-56° @ 3300', d1175x 5-112' @ 7380', 67706x 'reducer 1650' FNL & 150' FEL, sol T23S-R30E 13-34° @ 672', d750x 6-56° @ 3310', d1100xx 5-112' @ 738', c7708x 'reducer 1650' FNL & 150' FEL, sol T23S-R30E 11-34'' @ 612', d410x 8-56''' @ 3314', d1100xx 5-112'' @ 7442', d965x 'reducer 30' FNL & 30' FPL, sol T23S-R30E 11-34'' @ 612', d410x 8-56'''' @ 3314', d1100xx 5-112'' @ 728', d965x 'reducer 1980' FNL & 1450' FEL, sol T23S-R30E 11-34'' @ 612', d410xx 8-56''''''''''''''''''''''''''''''''''''</td><td>Will Type Location Surface Casing Intermediate Casing Production Casing Production Casing 'roducer 330' FSL & 1750' FEL, s30' T23S-R30E 13-34° @ 670', d750x 8-56' @ 3275', d7250x 5-112' @ 7300', d7765x 2-716' @ 7044' 'roducer 330' FSL & 330' FEL, s30' T23S-R30E 13-34° @ 672', d750x 8-56' @ 3275', d7250x 5-112' @ 7450', d7705x 2-716' @ 7044' 'roducer 660' FNL & 330' FEL, s31' T23S-R30E 13-34'' @ 672', d750x 8-56'' @ 3270', d7105x 5-112'' @ 738', d700ax 2-716'' @ 7044' 'potned 1660' FNL & 150' FEL, s31' T23S-R30E 13-34'' @ 672', d750x 8-56'' @ 330', d1105x 5-112'' @ 738', d700ax 2-716'' @ 705' 'potned 1660' FNL & 150' FEL, s31' T23S-R30E 13-34'' @ 652', d440x 8-56''' @ 3310', d1100ax 5-112'' @ 732', d875x 2718'' @ 715' 'potned 1660' FNL & 330' FEL, s32' T23S-R30E 11-34'' @ 652', d440x 8-56''' @ 334'', d1100ax 5-112'' @ 7442', d985x 2-718'' @ 7152'' 'potned 1980' FNL & 1450' FEL, s32' T23S-R30E 11-34'' @ 652'', d440x 8-56''' @ 334'', d1100ax 5-112''' @ 722'' 718'' @ 7152'' 'potned 1980' FNL & 1450' FEL, s32'''''''''''''''''''</td><td>Vall Type Location Surface Casing Intermediate Casing Focuser 'reducer 330' FSL & 1750' FEL, sol T33-R30E 13-34° @ 670' of 50x 8-56° @ 3275' of 1250x 5-112' @ 7300' of 765x 2-716' @ 7044' 'reducer 330' FSL & 30' FEL, sol T23S-R30E 13-34° @ 675', of 50xx 8-56' @ 3275', of 1250x 5-112' @ 7450', of 705xx 2-716' @ 7044' 'reducer 660' FAUL & 30' FEL, sol T23S-R30E 13-34'' @ 672', of 50xx 8-56'' @ 320', of 1750x 5-112'' @ 7380', of 705xx 2-716'' @ 7044' 'reducer 660' FAUL & 150' FEL, sol T23S-R30E 13-34'' @ 672', of 750xx 8-56'' @ 3300', of 1050x 5-112'' @ 7380', of 705xx 2-716'' @ 7044' 'reducer 1650' FAUL & 150' FEL, sol T23S-R30E 13-34'' @ 657', of 405xx 8-56''' @ 330', of 105xx 5-112'' @ 738', of 705xx 2-716'' @ 712'' 'reducer 1650' FAUL & 150' FEL, sol T23S-R30E 11-34'' @ 657', of 4405x 8-56''' @ 334'', of 1005xx 5-112'' @ 7442'', of 855xx 2-718'' @ 712'' 'reducer 1690' FAUL & 1450' FEL, sol T23S-R30E 11-34'' @ 657'', of 4405x 8-56''' @ 334'', of 1005xx 5-112'' @ 7442'', of 855xx 2-718'' @ 712'' 'reducer 1690' FAUL & 1450' FEL, sol T23S-R30</td><td>Vall Type Location Surface Casing Intermediate Casing Produces Construction Spud Date Spud Date</td><td>Vall Type Location Surface Casing Intermediate Casing Produces Construction Spud Date Spud Date Comp Date 'reducest 330 FSL & 130 FSL, s30 TSL, s30 TSL</td><td>Visit Type Location Surface Cealing Intermediate Cealing Foundation Construction 'reducer 430 FSL & 1750 FEL, sol 7358-R30E 13-30° @ 670, of 56ux 6-81° @ 320°, of 150ux 6-112° @ 7300, of 766ux 2-718° @ 7044 8/// 8// 9// 9/2167 7300 'reducer 330' FSL & 330' FEL, sol 7358-R30E 13-30° @ 672, of 56ux 6-81° @ 3280', of 1200ux 5-112° @ 7300, of 706ux 2-718° @ 7044 8/// 8// 9// 9/2167 7300 'reducer 660' FNL & 330' FEL, sol 7235-R30E 13-30° @ 657, of 56ux 6-81° @ 3280', of 1200ux 5-112° @ 7400, of 700ux 2-718' @ 7044 9/// 9// 9// 10// 9// 10// 9// 10// 9// 10// 10</td></t<>	Weil Name Number API Operator Weil Type Gold Rush 30 Fed 2 30015287470 Manele Producer Gold Rush 30 Fed 7 30015287470 Manele Producer Gold Rush 30 Fed 1 30015287360 Manele Producer Gold Rush 31 Fed 2 30015307870 Manele Producer Gold Rush 31 Fed 2 30015307870 Manele Producer Gold Rush 31 Fed 2 30015307870 Manele Producer Gold Rush 31 Fed 3 30015307150 BEPC0 Producer Gold Rush 31 Fed 137 3001538780 BEPC0 Producer Poker Lake Unit 140 30015388706 BEPC0 Sported Lo Poker Lake Unit 142 rNa BEPC0 Sported Lo Poker Lake Unit 142 rNa BEPC0 Sported Lo Poker Lake Unit 142 rNa BEPC0 Sported Lo 2. Wheither the system is open on closed: closed C	Weil Name Number API Operator Weil Type Location Gold Rush 30 Fed 2 30015287470 Marele Producer 430" FSL & 1750" FEL, s30" Z3S-R30E Gold Rush 30 Fed 7 30015289540 Marele Producer 330" FSL & 330" FEL, s30" Z3S-R30E Gold Rush 31 Fed 1 30015297360 Marele Producer 660" FNL & 330" FEL, s31" T23S-R30E Gold Rush 31 Fed 2 30015307870 Marele Producer 660" FNL & 330" FEL, s31" T23S-R30E Gold Rush 31 Fed 2 30015307870 Marele Producer 660" FNL & 330" FL, s31 <t23s-r30e< td=""> Gold Rush 31 Fed 2 30015307870 Marele Producer 660" FNL & 330" FNL & 330" FL, s31<t23s-r30e< td=""> Gold Rush 31 Fed 137 30015307750 BEPC0 Producer 130" FNL & 330" FNL & 330" FNL , s32<t23s-r30e< td=""> Gold Rush 31 Fed 140 30015288780 BEPC0 Producer 1980" FNL & 330" FNL , s32<t23s-r30e< td=""> Poker Lake Unit 142 n/a BEPC0 Sported Loc 1980" FNL & 1450" FEL, s31 132S-R30E <</t23s-r30e<></t23s-r30e<></t23s-r30e<></t23s-r30e<>	Vali Type Location S 'roducer 430' FSL & 1750' FEL, s30' T23S-R30E 11 'roducer 330' FSL & 330' FEL, s30' T23S-R30E 12 'roducer 660' FNL & 330' FEL, s31' T23S-R30E 12 'roducer 660' FNL & 330' FEL, s31' T23S-R30E 12 'roducer 660' FNL & 130' FEL, s31' T23S-R30E 12 'roducer 1660' FNL & 150' FEL, s31' T23S-R30E 12 'roducer 330' FNL & 150' FEL, s31' T23S-R30E 12 'roducer 1660' FNL & 150' FEL, s31' T23S-R30E 12 'roducer 1660' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 330' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 140' FEL, s31' T23S-R30E 12 'roducer 1680' FNL & 130' FNL, s32' T23S-R30E 12 'roducer 1680' FNL & 140' FEL, s31' T23S-R30E 12 'roducer 1680' F	Vall Type Location Surface Casing Intermediate Casing 'reducer 330 FSL & 1750 FEL, s30 T335-R30E 13-36" @ 670, d750ax 6-56" @ 3275, d71250ax 'reducer 330 FSL & 300 FEL, s30 T235-R30E 13-36" @ 675, d650ax 6-56" @ 3280, d71206ax 'reducer 660 FNL & 330 FEL, s31 T235-R30E 13-36" @ 672, d750ax 6-56" @ 3300, d7175ax 'reducer 660 FNL & 330 FEL, s31 T235-R30E 13-36" @ 672, d750ax 6-56" @ 3310, d71000ax 'reducer 1660 FNL & 150 FEL, s31 T235-R30E 13-36" @ 672, d440ax 6-56" @ 3314, d7100ax 'reducer 1660 FNL & 330 FWL, s22 T235-R30E 11-34" @ 657, d440ax 8-56" @ 3344, d7100ax 'reducer 1660 FNL & 330 FWL, s22 T235-R30E 11-34" @ 637, d440ax 8-56" @ 3344, d71100ax 'reducer 1680 FNL & 330 FWL, s22 T235-R30E 11-34" @ 537, d440ax 8-56" @ 3344, d71100ax 'reducer 1680 FNL & 1450' FEL, s32 T235-R30E 11-34" @ 537, d440ax 8-56" @ 3344, d71100ax 'reducer 1680' FNL & 1450' FEL, s22 T235-R30E 11-34" @ 537, d440ax 8-56" @ 314, d71100ax 'reducer 1680' FNL & 1450' FEL, s22 T235-R30E 11-34" @ 537, d440ax 8-56" @ 314, d71100ax	Vall Type Location Surface Casing Intermediate Casing Intermediate Casing Construction 'reducer 330' FSL & 1750' FEL, sol T33-R30E 13-34° @ 670', d750x 6-56° @ 3275', d7350x 5-112' @ 7300', 67766x 'reducer 330' FSL & 30' FEL, sol T23S-R30E 13-34° @ 675', d750x 6-56° @ 3275', d7350x 5-112' @ 7300', 67706x 'reducer 660' FNL & 30' FEL, sol T23S-R30E 13-34° @ 672', d750x 6-56° @ 3280', d7175x 5-112' @ 7300', 67706x 'reducer 660' FNL & 30' FEL, sol T23S-R30E 13-34° @ 672', d750x 6-56° @ 3300', d1175x 5-112' @ 7380', 67706x 'reducer 1650' FNL & 150' FEL, sol T23S-R30E 13-34° @ 672', d750x 6-56° @ 3310', d1100xx 5-112' @ 738', c7708x 'reducer 1650' FNL & 150' FEL, sol T23S-R30E 11-34'' @ 612', d410x 8-56''' @ 3314', d1100xx 5-112'' @ 7442', d965x 'reducer 30' FNL & 30' FPL, sol T23S-R30E 11-34'' @ 612', d410x 8-56'''' @ 3314', d1100xx 5-112'' @ 728', d965x 'reducer 1980' FNL & 1450' FEL, sol T23S-R30E 11-34'' @ 612', d410xx 8-56''''''''''''''''''''''''''''''''''''	Will Type Location Surface Casing Intermediate Casing Production Casing Production Casing 'roducer 330' FSL & 1750' FEL, s30' T23S-R30E 13-34° @ 670', d750x 8-56' @ 3275', d7250x 5-112' @ 7300', d7765x 2-716' @ 7044' 'roducer 330' FSL & 330' FEL, s30' T23S-R30E 13-34° @ 672', d750x 8-56' @ 3275', d7250x 5-112' @ 7450', d7705x 2-716' @ 7044' 'roducer 660' FNL & 330' FEL, s31' T23S-R30E 13-34'' @ 672', d750x 8-56'' @ 3270', d7105x 5-112'' @ 738', d700ax 2-716'' @ 7044' 'potned 1660' FNL & 150' FEL, s31' T23S-R30E 13-34'' @ 672', d750x 8-56'' @ 330', d1105x 5-112'' @ 738', d700ax 2-716'' @ 705' 'potned 1660' FNL & 150' FEL, s31' T23S-R30E 13-34'' @ 652', d440x 8-56''' @ 3310', d1100ax 5-112'' @ 732', d875x 2718'' @ 715' 'potned 1660' FNL & 330' FEL, s32' T23S-R30E 11-34'' @ 652', d440x 8-56''' @ 334'', d1100ax 5-112'' @ 7442', d985x 2-718'' @ 7152'' 'potned 1980' FNL & 1450' FEL, s32' T23S-R30E 11-34'' @ 652'', d440x 8-56''' @ 334'', d1100ax 5-112''' @ 722'' 718'' @ 7152'' 'potned 1980' FNL & 1450' FEL, s32'''''''''''''''''''	Vall Type Location Surface Casing Intermediate Casing Focuser 'reducer 330' FSL & 1750' FEL, sol T33-R30E 13-34° @ 670' of 50x 8-56° @ 3275' of 1250x 5-112' @ 7300' of 765x 2-716' @ 7044' 'reducer 330' FSL & 30' FEL, sol T23S-R30E 13-34° @ 675', of 50xx 8-56' @ 3275', of 1250x 5-112' @ 7450', of 705xx 2-716' @ 7044' 'reducer 660' FAUL & 30' FEL, sol T23S-R30E 13-34'' @ 672', of 50xx 8-56'' @ 320', of 1750x 5-112'' @ 7380', of 705xx 2-716'' @ 7044' 'reducer 660' FAUL & 150' FEL, sol T23S-R30E 13-34'' @ 672', of 750xx 8-56'' @ 3300', of 1050x 5-112'' @ 7380', of 705xx 2-716'' @ 7044' 'reducer 1650' FAUL & 150' FEL, sol T23S-R30E 13-34'' @ 657', of 405xx 8-56''' @ 330', of 105xx 5-112'' @ 738', of 705xx 2-716'' @ 712'' 'reducer 1650' FAUL & 150' FEL, sol T23S-R30E 11-34'' @ 657', of 4405x 8-56''' @ 334'', of 1005xx 5-112'' @ 7442'', of 855xx 2-718'' @ 712'' 'reducer 1690' FAUL & 1450' FEL, sol T23S-R30E 11-34'' @ 657'', of 4405x 8-56''' @ 334'', of 1005xx 5-112'' @ 7442'', of 855xx 2-718'' @ 712'' 'reducer 1690' FAUL & 1450' FEL, sol T23S-R30	Vall Type Location Surface Casing Intermediate Casing Produces Construction Spud Date Spud Date	Vall Type Location Surface Casing Intermediate Casing Produces Construction Spud Date Spud Date Comp Date 'reducest 330 FSL & 130 FSL, s30 TSL, s30 TSL	Visit Type Location Surface Cealing Intermediate Cealing Foundation Construction 'reducer 430 FSL & 1750 FEL, sol 7358-R30E 13-30° @ 670, of 56ux 6-81° @ 320°, of 150ux 6-112° @ 7300, of 766ux 2-718° @ 7044 8/// 8// 9// 9/2167 7300 'reducer 330' FSL & 330' FEL, sol 7358-R30E 13-30° @ 672, of 56ux 6-81° @ 3280', of 1200ux 5-112° @ 7300, of 706ux 2-718° @ 7044 8/// 8// 9// 9/2167 7300 'reducer 660' FNL & 330' FEL, sol 7235-R30E 13-30° @ 657, of 56ux 6-81° @ 3280', of 1200ux 5-112° @ 7400, of 700ux 2-718' @ 7044 9/// 9// 9// 10// 9// 10// 9// 10// 9// 10// 10

Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shalt include a description of each wells type, construction, date drilled, location, depth, record of completion,

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The receiving romanicit in uniter man temperate produced water, water will be produced interiors anne res 5. If injection is for disposal purposes into a zone not productive of oil & gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water: n/a

≦II. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with TDS of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval:

Lithologic Detail: Sand, Shale, Lime Sequences

Geological Name: Permian Delaware Formation Thickness: 3779' Depth: 3467-7426'

The Rustler formation is a known source of fresh water throughout this geographic area. Average depth of Rustler is 200-400: No sources of fresh water are known to exist below the proposed disposal zone.

Ŗ Describe the proposed stimulation program, if any: no further stimulation will be performed on the current zone. If the current perforations are unable to take the aforementioned volumes then additional intervals will be perforated and treated via acid or hydraulic fracture.

× × Logs already filed with Division.

No fresh water wells within one mile of proposed well.

ĭ Applicant hereby affirms that he has examined the available geologic and engineering data and finds no evidence of open faults, or other hydrologic connection between the disposal zone and any underground source of drinking water.

POKER LAKE UNIT #137

BEPCO

30-015-29715



WellView[®]

BASS ENTERPRISES PRODUCTION CO. 6 DESTA DRIVE, SUITE 3700 P.O. BOX 2760 MIDLAND, TEXAS 79702

FAX (915) 687-0329

November 5, 2001

(915) 683-2277

Re: Notice of Application for Clittified: 7106 4575 1292 1954 6587 Poker Lake Unit #137 Eddy County New Me Authorization to Convert to SWD Eddy County, New Mexico File: 400-WF: 01AQ#137.SWD

Carlsbad Current Argus P. O. Box 1629 Carlsbad, New Mexico 88220

Gentlemen:

Enclosed for publication is a legal advertisement. Bass Enterprises Production Co. requests this be published for three consecutive days. Bass Enterprises Production Co. is required by the New Mexico Oil Conservation Division to furnish them with a copy of this advertisement, from your newspaper, giving the dates of publication.

Please provide us with this item, please send to the attention of Tami Wilber at the letterhead address. Send all billing information to the letterhead address also.

Sincerely

John R. Smitherman **Division Production Manager**

JRS:tlw Attachment

NOTICE OF APPLICATION FOR SALT WATER DISPOSAL WELL PERMIT

Bass Enterprises Production Company has applied to the New Mexico Oil Conservation Division for a permit to dispose of produced salt water or other oil and gas waste into a porous formation productive of oil or gas.

The applicant proposes to dispose of produced water or other oil and gas waste into the Poker Lake Unit #137 (Delaware Formation). The proposed disposal well is located 35 miles southeast of Carlsbad, New Mexico in Section 32, T23S-R30E, Eddy County, New Mexico. The produced salt water will be disposed at a subsurface depth of 3446-7210'.

Any questions concerning this application should be directed to John Smitherman, Division Production Manager, Bass Enterprises Production Co., P. O. Box 2760, Midland, Texas 79702-2760, (915) 683-2277.

Interested parties must file objections or requests for hearing with the Oil Conservation Division, 2040 Pacheco Street, Santa Fe, New Mexico 87505 within 15 days.

Affidavit of Publication

State of New Mexico, County of Eddy, ss.

being first duly sworn, on oath says:

That ______ is ______ of the Carlsbad **Chre**nt-Argus**BUSINESSAMETTERS**hed daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

November 15	[,]
November 16	, _2001
November 17	,
	[,] -2001
	——— [,] — 2001 — —

That the cost of publication is 108.92and that payment thereof has been made and will be assessed as court costs.

Subscribed and sworn to before me this

23 day of NOV

My commission expires

Notary Public

November 15, 16, 17, 2001

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Nº 22465



BASS ENTERPRISES PRODUCTION CO. 6 DESTA DRIVE, SUITE 3700 P.O. BOX 2760 MIDLAND, TEXAS 79702

FAX (915) 687-0329

November 5, 2001

(915) 683-2277

Re: Notice of Application for Authorization to Convert to SWD Poker Lake Unit #137 Eddy County, New Mexico File: 400-WF: 01AQ#137.SWD

Maralo Inc P. O. Box 832 Midland, Texas 79702

Gentlemen:

Enclosed please find Bass Enterprises Production Co.'s <u>Application for Authorization to</u> <u>Convert</u> for disposal purposes only into the Poker Lake Unit #137, located in Section 32, T23S-R30E, Eddy County, New Mexico.

If additional information is required, please contact Kent Adams at the letterhead address.

Sincerely

John R. Smitherman Division Production Manager

JRS:tlw Attachment