# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

	OMB NO. 1004-0	13.
	Expires: July 31, 2	.010
20	Serial No.	

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

Leas NMNM54184

abandoned wei	II. Use form 3160-3 (APD	)) for such pi	oposals.		6. If Indian, Allottee	or Tribe Name		
SUBMIT IN TRI		7. If Unit or CA/Agree	eement, Name and/or No.					
1. Type of Well		8. Well Name and No DUNN B FEDER						
Oil Well Gas Well Oth  2. Name of Operator		9. API Well No.						
BREITBURN OPERATING LE	Contact:	JEANIE MCM	ILL/ II 4	•	30-015-01835-	00-S1		
3a Address 300 TRAVIS STREET SUITE HOUSTON, TX 77002	4800	3b. Phone No. Ph: 713.634	(include area code .4696	e)	10. Field and Pool, or Exploratory ARTESIA			
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)				11. County or Parish, and State			
Sec 12 T18S R28E NWSE 19	80FSL 1980FEL	•	d For Re	Y, NM				
12 CHECK APPL	ROPRIATE BOX(ES) TO		MOCD	NOTICE DE	DODT OF OTHE	D DATA		
12. CHECK ATT	COLKIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RE	- CKI, OK OTTE			
TYPE OF SUBMISSION			ТҮРЕ С	OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deep	☐ Deepen		on (Start/Resume)	☐ Water Shut-Off		
	☐ Alter Casing	□ Fract	ure Treat	□ Reclama	tion	■ Well Integrity		
Subsequent Report	☐ Casing Repair	□ New	Construction	☐ Recomp		☐ Other		
☐ Final Abandonment Notice	Change Plans		and Abandon		rily Abandon			
	Convert to Injection	Plug	Back	Water D	isposal			
following completion of the involved testing has been completed. Final Al determined that the site is ready for f Conditions of Approval Operal lease. Breitburn Operating LF approval.	pandonment Notices shall be file inal inspection.) tor Change required that v	ed only after all re	equirements, inclusion and inc	iding reclamation	, have been completed,	and the operator has  E ATTACHED FOR TIONS OF APPROVAL		
Attached hereto is a facility Di Attached is a water analysis a	agram as per Onshore Or long with Water Productio	n and Disnos	al information. <b>CONSERV</b>	ATION		PROVED		
Accepted for Record Pur	'noses.	ART	ESIA DISTRIC	Τ .				
Approval Subject to Ons Date: //./0.//	ite Inspection.	NO	V <b>2 2</b> 2016			Tuche for		
Sacilia		R	ECEIVED		JAMI SUPF	ES A. AMOS RVISOR EDS		
	true and correct. Electronic Submission #3 For BREITBUR nmitted to AFMSS for proce	RN OPERATING	G LP, sent to the CILLA PEREZ	ne Carlsbad	System (16PP1741SE)			
Signature (Electronic S	Submission)		Date 07/08/	2016				
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE US	SE CO.			
Approved By			Title	paos	ed For Rec	Jdənə#		
Conditions of approval, if any, are attache certify that the applicant holds legal or equivinch would entitle the applicant to conductive the applicant to conduct the applicant the applicant to conduct the applicant to conduct the applicant the applicant the applicant to conduct the applicant t	Office							

# Dunn "B" Battery



<u>Artesia</u>

Current Status Active

Elevation: 3626

Location: 18S 28E Sec. 11

State:

(ABD

Avg Prod

23.9 bopd

223 bwpd 718 bom

6691 bwm **⋖** 

Tank #

34355

34354

History

Remarks

New Mexico

SR 360

Lease Dunn B

Coordinates: N32,76597

County

Eddy

5/2003: Haul caliche from Turkey Track Ranch pit build

6/2003: On 5/31/03 cattle had tore down part of burm at the

oil tanks repair burm install fence. # 9 sign hung up., # 21 replacement sign delivery date 6/10/03, # 30 installed, # 33 replacement sign delivey date 6/10/03.# 5 sign hung up.

burm around oil tanks. 30 loads.

Diagram Revised: Jimika Reed-Terry (09-07-10)

15 YDS

200 YDS



Salt Water Type = Welded

W104.15469

Height = 16 ft

Material = Steel

Capacity=538 bbls Total Diked Area= Top= Closed Transportation = INJ

Capacity 788 bbis

Type of Failure = Direction of Flow= W Rupture, Leak, Overflow Back

Foundation = Gravel Secondary Containment = Earth & Gravel Min. Recommend Berm Height = 28 In. owest point of berm at time of inspection = 24 in

### Tank Information



33) Salt Water

Diameter = 10 ft Height = 20 ft

Type = Molded Material = Fiber Glass

Capacity=280 bbls Total Diked Area=

Top= Closed

Capacity 788 bbls Direction of Flow= W

Transportation = INJ Type of Failure = Rupture, Leak, Overflow

Foundation = Gravel

Secondary Containment = Earth & Gravel Min. Recommend Berm Height = 28 in. owest point of berm at time of inspection = 24 in

#### Tank Information





Oil

Diameter = 15.5 ft

Type = Bolded

Height = 16 ft

Material = Steel

Capacity=538 bbis

Top=Closed

Total Diked Area=

Transportation ≈ TR

Capacity 571 bbis

Type of Failure =

Direction of Flow= W Rupture, Leak, Overflow Foundation = Gravel

Secondary Containment = Earth & Gravel Min. Recommend Berm Height = 24 In. est point of berm at time of inspection = 24 in

#### Tank Information



Not In Use

Diameter = 15.5 ft

Type = Bolted

Material = Steel

Height = 16 ft

Top=Closed

Capacity=538 bbls Total Diked Area=

Capacity 571 bbls

Transportation = Type of Failure =

Direction of Flow= W

Foundation = Gravel

Secondary Containment = Earth & Gravel Min. Recommend Berm Height = 24 in. est point of berm at time of inspection =

#### **Heater Treater Information**

Diameter = 8 ft

Heater Treater Type = Welded

Height = 20 ft

Material = Steel

Capacity=179 bbls

Top=Closed

Foundation = Cement

Total Diked Area=

Transportation = Type of Failure = Rupture, Leak

Capacity 463 bbls Direction of Flow= W

Berm Construction = Earth & Gravel Min. Recommend Berm Height = 28 in.

owest point of berm at time of inspection = 26 i

Drainage Underground Load Line Well Head ➤ Load Line Chemical Tank Pump **Circulating Pump** Flow Line Electric Box Sump Pump Flow Meter Injection Well Head Electric Pole Dike Drain

Transformer

Header

Fence

**Electric Line** 

Electric Panel

Legend

-B

 $\Box$ 



Catalyst Oilfield Services 11999 E Hwy 158 Gardendale, TX 79758 (432) 563-0727

Fax: (432) 224-1038

# Water Analysis Report

Customer:

**Breitburn Operating** 

Sample #:

35847

Area:

Permian Basin

Analysis ID #:

34103

Lease:

Dunn B Federal

Location:

Battery

Sample Point:

Heater Treater

Sampling Date:	6/23/2016	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	6/27/2016	Chloride:	83778.7	2363.09	Sodium:	46410.0	2018.72
Analyst:	Catalyst	Bicarbonate:	366.0	6.	Magnesium:	1637.0	134.67
TDS (mg/l or g/m3):	139488.8	Carbonate:			Calcium:	4626.0	230.84
Density (g/cm3):	1.096	Sulfate:	1600.0	33.31	Potassium:	741.2	18.96
Density (g/cilis).	1.090	Borate*:	228.4	1.44	Strontium:	101.5	2.32
	•	Phosphate*:			Barium:	. 0.0	0.
Hydrogen Sulfide:	85				Iron:	0.0	0.
Carbon Dioxide:	120	· · ·	sed on measured on and phosphor		Manganese:	0.000	0.
		pH at time of sampli	ing:	7.5	•	•	
Comments:	,	pH at time of analysis:			. ,		
•	ŕ	pH used in Calcula	ation:	7.5			
		Temperature @ lab conditions (F):			Conductivity (mic Resistivity (ohm	156200 .0640	

Temp °F	Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> 0		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		
	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	1.36	39.15	-0.16	0.00	-0.16	0.00	-0.08	0.00	0.00	0.00	
100	1.33	42.83	-0.22	0.00	-0.16	0.00	-0.10	0.00	0.00	0.00	
120	1.30	46.80	-0.27	0.00	-0.12	0.00	-0.11	0.00	0.00	0.00	
140	1.29	51.08	-0.30	0.00	-0.07	0.00	-0.11	0.00	0.00	0.00	
160	1.29	55.37	-0.33	0.00	0.00	3.06	-0.10	0.00	0.00	0.00	
180	1.31	59.65	-0.36	. 0.00	0.09	123.58	-0.09	0.00	0.00	0.00	
200	1.34	63.93	-0.38	0.00	0.19	239.21	-0.07	0.00	0.00	0.00	
220	1.38	68.22	-0.39	0.00	0.30	342.61	-0.05	0.00	0.00	0.00	

Donn B Federal Bty Eddy County No. 54184

# WATER PRODUCTION & DISPOSAL INFORMATION

In order to process your disposal request, the following information must be completed.

	Nama(s) of formation(s) available value on the land
1.	Name(s) of formation(s) producing water on the lease.  Artesia, Queen - graybung - San Andres
	Wilesig Gabey - Gradward - 204 HVares
2.	Amount of water produced from all formations in barrels per day.
3.	Attach a current water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates. (One sample will suffice water is commingled).
4.	How water is stored on lease.
5.	How water is moved to the disposal facility.
	N/A Water is Reingraded
6.	Identify the Disposal Facility by:
0.	A. Facility Operators name.
	The Found of States and States an
	B. Name of facility or well name and number.
	C. Type of facility or well (WDW) (WIW) etc.
	D. Location by 1/4-1/4 Section Township Range
7.	Attach a copy of the State issued permit for the Disposal Facility.

Submit to this office, **620 EAST GREENE ST, CARLSBAD NM, 88220**, the above required information on a Sundry Notice 3160-5. Submit 1 original and 3 copies, within abatement period. (This form may be used as an attachment to the Sundry Notice).

## **BUREAU OF LAND MANAGEMENT**

Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

# Disposal of Produced Water From Federal Wells Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

- 1. This agency shall be notified of any change in your method or location of disposal.
- 2. Compliance with all provisions of Onshore Order No. 7.
- 3. This agency shall be notified of any spill or discharge as required by NTL-3A.
- 4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
- 5. Any on-lease open top storage tanks shall be covered with a protective cover to prevent entry by birds and other wildlife.
- 6. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
- 7. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.
- 8. Disposal at any other site will require prior approval.
- 9. Subject to like approval by NMOCD.

7/10/14