

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0405444A
2. Name of Operator DEVON ENERGY PRODUCTION CO		6. If Indian, Allottee or Tribe Name
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 515-748-1813		8. Well Name and No. ALDABRA 26 FED COM 8H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 26 T23S R31E SESE 350FSL 445FEL		9. API Well No. 30-015-38624-00-S1
		10. Field and Pool, or Exploratory WILDCAT
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Number 14-MB-W215

1 Producing from Delaware formation

2 Producing 12 BBL per day

4 Water is stored in 2-500 BBL tanks

5 Water being piped

6 Facility operator Devon Energy

7 a.) Well name Todd Fed 26 permit #493 b.) Barclay 11 Fed 1 permit #935

8 a.) S-26/T-23S/R-31E b.) S-11/T-23S/R-31E

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 03 2014

RECEIVED

Accepted for record
NMOCD
SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #253583 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad Committed to AFMSS for processing by LINDA DENNISTON on 07/25/2014 (14LD0284SE)	
Name (Printed/Typed) JEANETTE BARRON	Title FIELD ADMIN TECH
Signature (Electronic Submission)	Date 07/17/2014
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By	Title
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	
Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

Revisions to Operator-Submitted EC Data for Sundry Notice #253583

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DISPOSE NOI	DISPOSE NOI
Lease:	NMNM0405444	NMNM0405444A
Agreement:		
Operator:	DEVON ENERGY PO BOX 250 ARTESIA, NM 88211 Ph: 575-748-1813	DEVON ENERGY PRODUCTION CO LP 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405.235.3611
Admin Contact:	JEANETTE BARRON FIELD ADMIN SUPPORT E-Mail: JEANETTE.BARRON@DVN.COM Ph: 575-748-1813	JEANETTE BARRON FIELD ADMIN TECH E-Mail: jeanette.barron@dvn.com Ph: 515-748-1813
Tech Contact:	JEANETTE BARRON FIELD ADMIN SUPPORT E-Mail: JEANETTE.BARRON@DVN.COM Ph: 575-748-1813	JEANETTE BARRON FIELD ADMIN TECH E-Mail: jeanette.barron@dvn.com Ph: 515-748-1813
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	BONESPRINGS	WILDCAT
Well/Facility:	ALDABRA 26 8	ALDABRA 26 FED COM 8H Sec 26 T23S R31E SESE 350FSL 445FEL

WATER PRODUCTION & DISPOSAL INFORMATION

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

Site Name: Aldabra 26-8

1. Name(s) of formation(s) producing water on the lease:

Bonesprings

2. Amount of water produced from all formations in barrels per day:

450 BBL

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 if water is commingled)

4. How water is stored on lease:

2-500 BBL

5. How water is moved to the disposal facility:

Piped

6. Identify the Disposal Facility by:

A. Facility Operators Name: a.)Devon Energy

B. Facility or well name/number: a.) Todd Fed 26 Permit # 493 b.) Barclay 11 Fed 1 Permit # 935

C. Type of Facility or well (WDW) (WIW): a.) WDW b.) WDW

D.A. Location by SW4/NE4 Section 26 Township 23S Range 31E

D.B. Location by SE4/NE4 Section 11 Township 23S Range 31E

7. Attach a copy of the State issued permit for the Disposal Facility.

(Info on the NMOCD Website or on the Artesia LDrive)

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 5 copies, within abatement period. (This form may be used as an attachment to the Sundry Notice.)

Natural Gas Analysis Report

AKM Measurement Services

Sample Information

Sample Information	
Sample Name	Aldabra 26 Fed Com 8H
Injection Date	2014-06-18 17:15:57

Component Results

Component Name	Norm%	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	1.0897	0.000
Methane	73.4080	0.000
CO2	0.0985	0.000
Ethane	12.0097	3.225
H2S	0.0000	0.000
Propane	7.3286	2.028
iso-Butane	1.0375	0.341
n-Butane	2.7342	0.866
iso-Pentane	0.5971	0.219
n-Pentane	0.6917	0.252
Hexanes Plus	1.0050	0.438
Water	0.0000	0.000
Total	100.0000	7.368

Results Summary

Result	Dry	Sat.
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	109.0	
Flowing Pressure (psia)	58.0	
Gross Heating Value (BTU / Real cu.ft.)	1373.7	1350.4
Relative Density (G), Real	0.7982	0.7956
Total GPM	7.368	7.343
Total Molecular Weight	23.026	22.939



Permian Basin Area Laboratory
2101 S Market St. / Building B
Midland, TX: 79711

Report Date: 6/25/2014

Complete Water Analysis Report SSP v.8

Customer:	DEVON ENERGY	Sample Point Name	8H
District:	New Mexico	Sample ID:	201401010624
Sales Rep:	Gene Rogers	Sample Date:	6/17/2014
Lease:	ALDABRA 26 FED	Log Out Date:	6/24/2014
Site Type:		Analyst:	Sandra Sanchez
Sample Point Description:			

DEVON ENERGY, ALDABRA 26 FED, 8H

Field Data		Analysis of Sample					
		Anions:		Cations:			
		mg/L	meq/L	mg/L	meq/L		
Initial Temperature (°F):	250	Chloride (Cl ⁻):	71000.0	2002.8	Sodium (Na ⁺):	37414.7	1628.1
Final Temperature (°F):	88	Sulfate (SO ₄ ²⁻):	662.0	13.8	Potassium (K ⁺):	676.4	17.3
Initial Pressure (psi):	100	Borate (H ₃ BO ₃):	388.3	6.3	Magnesium (Mg ²⁺):	690.7	56.8
Final Pressure (psi):	15	Fluoride (F ⁻):	ND		Calcium (Ca ²⁺):	5610.4	280.0
pH:	7.1	Bromide [Br ⁻):	ND		Strontium (Sr ²⁺):	477.2	10.9
		Nitrite (NO ₂ ⁻):	ND		Barium (Ba ²⁺):	2.1	0.0
		Nitrate (NO ₃ ⁻):	ND		Iron (Fe ²⁺):	22.6	0.8
		Phosphate (PO ₄ ³⁻):	ND		Manganese (Mn ²⁺):	1.1	0.0
		Silica (SiO ₂):	ND		Lead (Pb ²⁺):	ND	
pH at time of sampling:				Zinc (Zn ²⁺):	0.0	0.0	
Alkalinity by Titration:							
		mg/L	meq/L				
Bicarbonate (HCO ₃ ⁻):	134.0	2.2					
Carbonate (CO ₃ ²⁻):	ND						
Hydroxide (OH ⁻):	ND						
		Organic Acids:					
		mg/L	meq/L				
aqueous CO ₂ (ppm):	190.0	Formate:	ND	Copper (Cu ²⁺):	ND		
aqueous H ₂ S (ppm):	3.4	Acetate:	ND	Molybdenum (Mo ²⁺):	ND		
aqueous O ₂ (ppb):	ND	Propionate:	ND	Nickel (Ni ²⁺):	ND		
Calculated TDS (mg/L):	117079	Butyrate:	ND	Tin (Sn ²⁺):	ND		
Density/Specific Gravity (g/cm ³):	1.0755	Valerate:	ND	Titanium (Ti ²⁺):	ND		
Measured Density/Specific Gravity	1.0830			Vanadium (V ²⁺):	ND		
Conductivity (mmhos):	ND			Zirconium (Zr ²⁺):	ND		
MCF/D:	No Data			Total Hardness:	17417	N/A	
BOPD:	No Data						
BWPD:	No Data						
		Anion/Cation Ratio:		1.02			
		ND = Not Determined					

Conditions		Barite (BaSO ₄)		Calcite (CaCO ₃)		Gypsum (CaSO ₄ ·2H ₂ O)		Anhydrite (CaSO ₄)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
88°F	15 psi	0.64	0.952	1.09	24.757	-0.44	0.000	-0.59	0.000
106°F	24 psi	0.52	0.862	1.12	25.267	-0.42	0.000	-0.50	0.000
124°F	34 psi	0.41	0.759	1.17	26.044	-0.41	0.000	-0.41	0.000
142°F	43 psi	0.32	0.643	1.23	26.866	-0.40	0.000	-0.31	0.000
160°F	53 psi	0.24	0.518	1.28	27.669	-0.39	0.000	-0.21	0.000
178°F	62 psi	0.16	0.387	1.34	28.432	-0.38	0.000	-0.11	0.000
196°F	72 psi	0.10	0.252	1.40	29.151	-0.37	0.000	0.00	0.000
214°F	81 psi	0.04	0.117	1.46	29.870	-0.36	0.000	0.11	68.698
232°F	91 psi	-0.01	0.000	1.52	30.560	-0.35	0.000	0.21	124.277
250°F	100 psi	-0.05	0.000	1.59	31.195	-0.34	0.000	0.32	168.021

Conditions		Celestite (SrSO ₄)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate (FeCO ₃)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
88°F	15 psi	0.21	85.428	-1.38	0.000	2.34	4.246	0.36	6.039
106°F	24 psi	0.22	88.543	-1.39	0.000	2.23	4.235	0.45	7.173
124°F	34 psi	0.23	91.771	-1.40	0.000	2.16	4.226	0.53	8.281
142°F	43 psi	0.24	95.610	-1.40	0.000	2.10	4.220	0.61	9.234
160°F	53 psi	0.26	100.363	-1.41	0.000	2.07	4.216	0.68	10.016
178°F	62 psi	0.28	106.164	-1.41	0.000	2.04	4.214	0.74	10.641
196°F	72 psi	0.30	113.008	-1.41	0.000	2.03	4.213	0.79	11.129
214°F	81 psi	0.32	120.772	-1.41	0.000	2.03	4.214	0.83	11.530
232°F	91 psi	0.35	129.249	-1.41	0.000	2.04	4.216	0.86	11.839
250°F	100 psi	0.38	138.172	-1.41	0.000	2.06	4.220	0.88	12.051

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

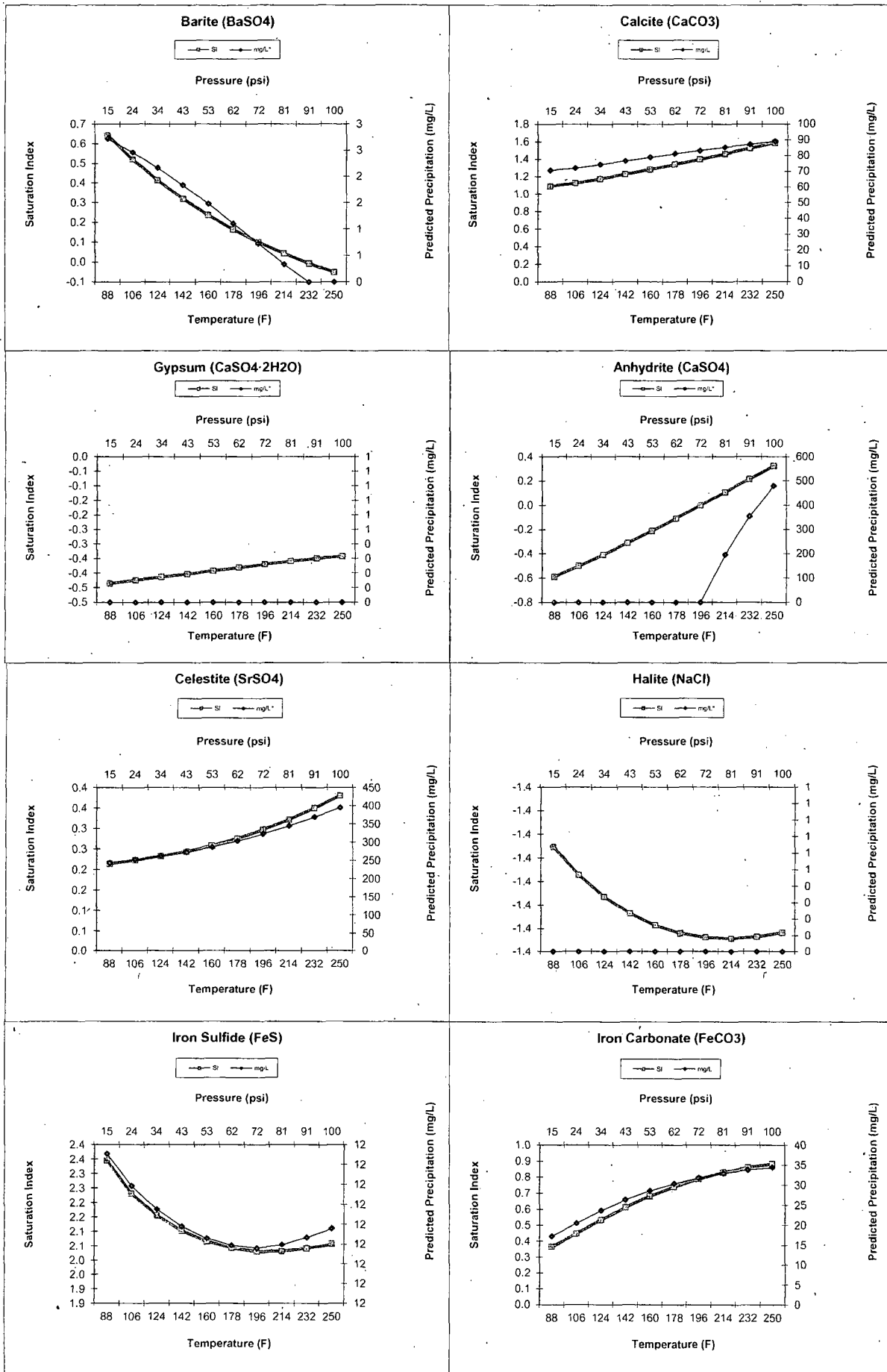
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales.

Note 3: Saturation Index predictions on this sheet use pH and alkalinity; %CO₂ is not included in the calculations.



ScaleSoftPitzer™
SSP2010

Comments:



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