

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. NMNM0544986
2. Name of Operator DEVON ENERGY PRODUCTION CO LP		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: 575-748-1813		8. Well Name and No. ALDABRA 25 FEDERAL 6H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T23S R31E SESE Lot P 200FSL 1050FEL		9. API Well No. 30-015-38602-00-S1
		10. Field and Pool, or Exploratory UNDESIGNATED
		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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<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 recompleat 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 recompleat 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.)

Notice of Written Order 14-MB-W213

1. Delaware Formation
2. 1000 BBLS Water produced per day
4. 2-500 BBLS Tanks
5. Water is piped
6. Devon Energy Operator
7. SWD Facility Todd 26-2 SWD # 493
8. SWD Facility Back-up Barclay 11 Fed 1 SWD # 935

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 25 2014

RED 7-29-14  
Accepted for record  
NMBOD

RECEIVED

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #250052 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP. sent to the Carlsbad Committed to AFMSS for processing by CATHY QUEEN on 06/18/2014 (14CQ0467SE)</b>	
Name (Printed/Typed) JEANETTE BARRON	Title FIELD ADMIN SUPPORT
Signature (Electronic Submission)	Date 06/18/2014
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
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.	

APPROVED

JUL 18 2014 Date

JAMES A. AMOS  
SUPERVISOR

## WATER PRODUCTION & DISPOSAL INFORMATION

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

Site Name: Aldabra 25-6

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

Avalon shale & Bone Springs

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

1000 BBLS

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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)

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4. How water is stored on lease:

2-500 BBL TANKS

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5. How water is moved to the disposal facility:

PIPED

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6. Identify the Disposal Facility by:

A. Facility Operators Name: a.)Devon Energy

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

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

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

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

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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 25# 6&7(39033128)  
Sample Notes Sampled By: MER  
Injection Date 2014-02-21 21:53:35

### Component Results

Component Name	Norm%	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	1.8479	0.000
Methane	71.5672	0.000
CO2	5.3876	0.000
Ethane	11.1772	3.000
H2S	0.0000	0.000
Propane	5.8589	1.620
iso-Butane	0.7366	0.242
n-Butane	1.8538	0.587
iso-Pentane	0.4234	0.155
n-Pentane	0.4644	0.169
Hexanes Plus	0.6830	0.297
Water	0.0000	0.000
Total:	100.0000	6.071

### Results Summary

Result	Dry	Sat.
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	77.0	
Flowing Pressure (psia)	92.0	
Gross Heating Value (BTU / Real cu.ft.)	1230.8	1209.9
Relative Density (G), Real	0.8003	0.7976
Total GPM	6.071	6.068
Total Molecular Weight	23.097	23.008



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	ALDABRA 25 FED 6H
District:	New Mexico	Sample ID:	201401010619
Sales Rep:	Gene Rogers	Sample Date:	6/16/2014
Lease:	ALDABRA 25 FED	Log Out Date:	6/24/2014
Site Type:		Analyst:	Sandra Sanchez
Sample Point Description:			

### DEVON ENERGY, ALDABRA 25 FED, ALDABRA 25 FED 6H

Field Data			Analysis of Sample						
		Anions:		mg/L	meq/L	Cations:		mg/L	meq/L
Initial Temperature (°F):	250	Chloride (Cl <sup>-</sup> ):	71800.0	2025.4	Sodium (Na <sup>+</sup> ):	36577.7	1591.7		
Final Temperature (°F):	101	Sulfate (SO <sub>4</sub> <sup>2-</sup> ):	607.0	12.6	Potassium (K <sup>+</sup> ):	666.4	17.0		
Initial Pressure (psi):	100	Borate (H <sub>3</sub> BO <sub>3</sub> ):	384.7	6.2	Magnesium (Mg <sup>2+</sup> ):	651.3	53.6		
Final Pressure (psi):	15	Fluoride (F <sup>-</sup> ):	ND		Calcium (Ca <sup>2+</sup> ):	5330.6	266.0		
pH:	6.7	Bromide (Br <sup>-</sup> ):	ND		Strontium (Sr <sup>2+</sup> ):	460.2	10.5		
		Nitrite (NO <sub>2</sub> <sup>-</sup> ):	ND		Barium (Ba <sup>2+</sup> ):	2.4	0.0		
		Nitrate (NO <sub>3</sub> <sup>-</sup> ):	ND		Iron (Fe <sup>2+</sup> ):	30.1	1.1		
		Phosphate (PO <sub>4</sub> <sup>3-</sup> ):	ND		Manganese (Mn <sup>2+</sup> ):	1.0	0.0		
		Silica (SiO <sub>2</sub> ):	ND		Lead (Pb <sup>2+</sup> ):	ND	0.0		
					Zinc (Zn <sup>2+</sup> ):	0.0	0.0		
Alkalinity by Titration:	mg/L	meq/L							
Bicarbonate (HCO <sub>3</sub> <sup>-</sup> ):	160.0	2.6			Aluminum (Al <sup>3+</sup> ):	ND			
Carbonate (CO <sub>3</sub> <sup>2-</sup> ):	ND				Chromium (Cr <sup>3+</sup> ):	ND			
Hydroxide (OH <sup>-</sup> ):	ND				Cobalt (Co <sup>2+</sup> ):	ND			
			Organic Acids:	mg/L	meq/L	Copper (Cu <sup>2+</sup> ):	ND		
aqueous CO <sub>2</sub> (ppm):	160.0	Formate:	ND		Molybdenum (Mo <sup>2+</sup> ):	ND			
aqueous H <sub>2</sub> S (ppm):	5.1	Acetate:	ND		Nickel (Ni <sup>2+</sup> ):	ND			
aqueous O <sub>2</sub> (ppb):	ND	Propionate:	ND		Tin (Sn <sup>2+</sup> ):	ND			
		Butyrate:	ND		Titanium (Ti <sup>2+</sup> ):	ND			
Calculated TDS (mg/L):	116671	Valerate:	ND		Vanadium (V <sup>2+</sup> ):	ND			
Density/Specific Gravity (g/cm <sup>3</sup> ):	1.0746				Zirconium (Zr <sup>2+</sup> ):	ND			
Measured Density/Specific Gravity	1.0830				Total Hardness:	16536	N/A		
Conductivity (mmhos):	ND								
MCF/D:	No Data								
BOPD:	No Data								
BWPD:	No Data	Anion/Cation Ratio:		1.06	ND = Not Determined				

Conditions		Barite (BaSO <sub>4</sub> )		Calcite (CaCO <sub>3</sub> )		Gypsum (CaSO <sub>4</sub> ·2H <sub>2</sub> O)		Anhydrite (CaSO <sub>4</sub> )	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
101°F	15 psi	0.59	1.049	0.92	27.619	-0.47	0.000	-0.57	0.000
118°F	24 psi	0.49	0.951	0.94	28.011	-0.46	0.000	-0.49	0.000
134°F	34 psi	0.39	0.842	0.99	28.945	-0.45	0.000	-0.40	0.000
151°F	43 psi	0.31	0.723	1.05	30.017	-0.44	0.000	-0.31	0.000
167°F	53 psi	0.24	0.597	1.11	31.099	-0.43	0.000	-0.22	0.000
184°F	62 psi	0.17	0.466	1.18	32.146	-0.42	0.000	-0.12	0.000
200°F	72 psi	0.12	0.334	1.25	33.141	-0.41	0.000	-0.02	0.000
217°F	81 psi	0.07	0.200	1.32	34.155	-0.41	0.000	0.08	46.387
233°F	91 psi	0.02	0.067	1.40	35.142	-0.40	0.000	0.18	96.902
250°F	100 psi	-0.02	0.000	1.47	36.054	-0.39	0.000	0.27	137.462

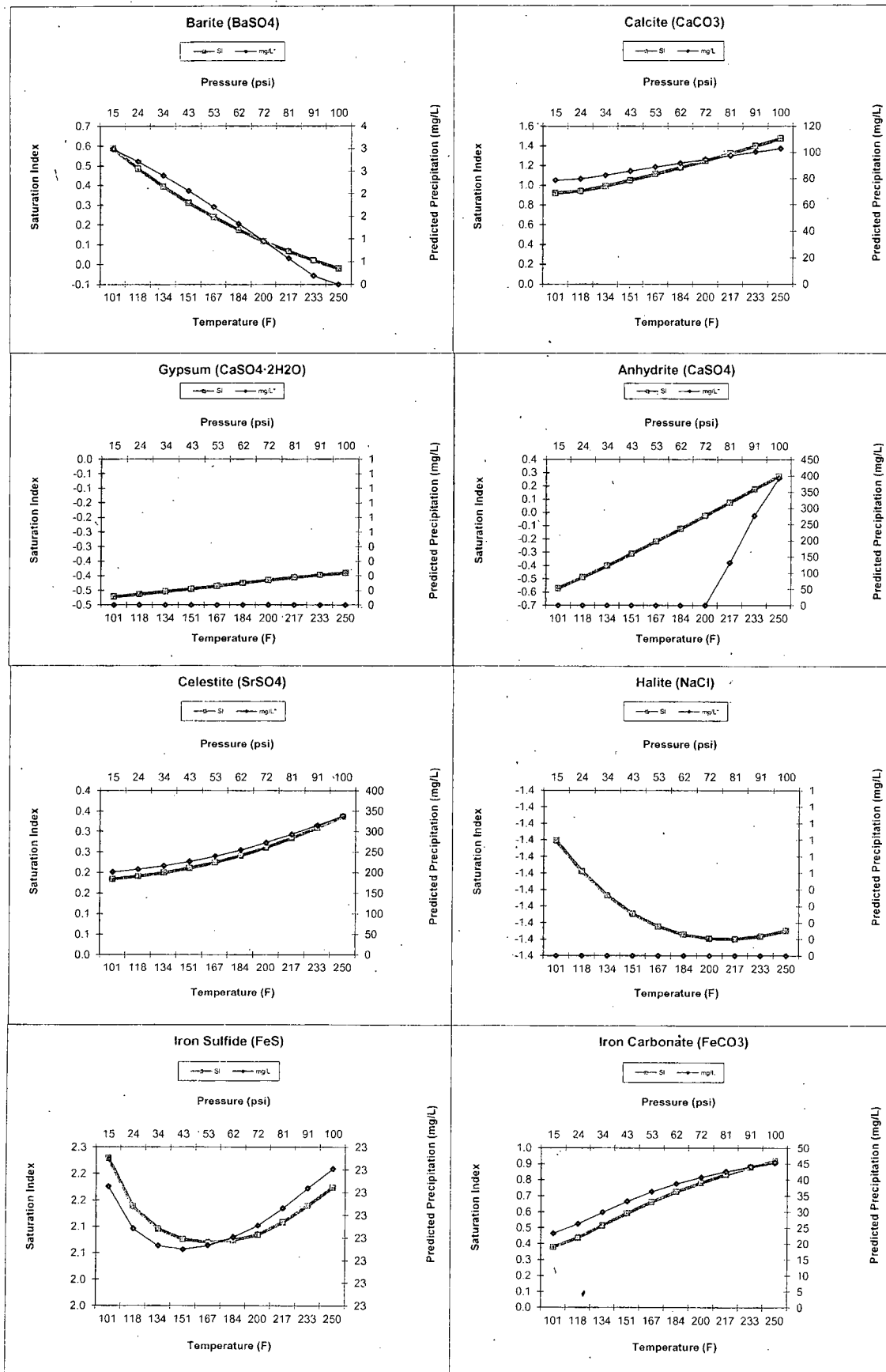
Conditions		Celestite (SrSO <sub>4</sub> )		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate (FeCO <sub>3</sub> )	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
101°F	15 psi	0.18	70.455	-1.39	0.000	2.23	8.107	0.38	8.143
118°F	24 psi	0.19	72.908	-1.40	0.000	2.14	8.075	0.44	9.187
134°F	34 psi	0.20	75.798	-1.41	0.000	2.10	8.062	0.51	10.473
151°F	43 psi	0.21	79.405	-1.41	0.000	2.08	8.059	0.59	11.673
167°F	53 psi	0.22	83.886	-1.42	0.000	2.07	8.062	0.66	12.709
184°F	62 psi	0.24	89.292	-1.42	0.000	2.07	8.068	0.73	13.574
200°F	72 psi	0.26	95.580	-1.42	0.000	2.08	8.077	0.78	14.282
217°F	81 psi	0.28	102.634	-1.42	0.000	2.11	8.091	0.83	14.914
233°F	91 psi	0.31	110.283	-1.42	0.000	2.14	8.106	0.88	15.450
250°F	100 psi	0.34	118.317	-1.42	0.000	2.17	8.121	0.92	15.864

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. %CO<sub>2</sub> is not included in the calculations.



ScaleSoft Pitzer™  
SSP2010

Comments:

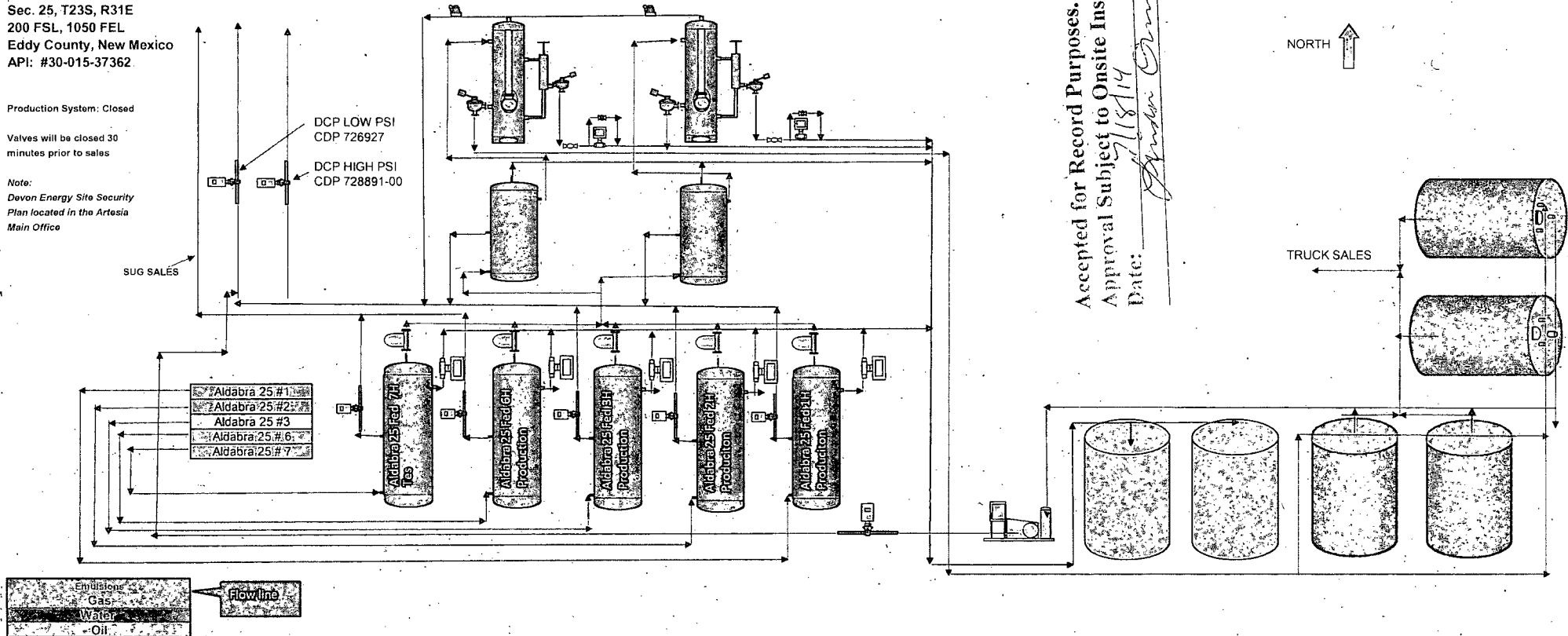


Aldabra 25 Fed 6H  
 Sec. 25, T23S, R31E  
 200 FSL, 1050 FEL  
 Eddy County, New Mexico  
 API: #30-015-37362

Production System: Closed

Valves will be closed 30  
 minutes prior to sales

Note:  
 Devon Energy Site Security  
 Plan located in the Artesia  
 Main Office



Accepted for Record Purposes.  
 Approval Subject to Onsite Inspection.

Date: 7/18/14  
 [Signature]

JUN 04 2014  
Artesia, N.M. I & E CFO

COPY

Number 14-MB-W213

Page 1 of 2

☒ Certified Mail - Return  
Receipt Requested  
7013302000142169182UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## NOTICE OF WRITTEN ORDER

IDENTIFICATION	
ID	
Lease	NMNM0544986
CA	
Unit	
PA	

Bureau of Land Management Office				Operator			
CARLSBAD FIELD OFFICE				DEVON ENERGY PRODUCTION CO LP			
Address 620 E GREENE STREET CARLSBAD NM 88220				Address 333 WEST SHERIDAN AVE OKLAHOMA CITY OK 73102			
Telephone 575.234.5972				Attention			
Inspector BALLIETT				Attn Addr			
Site Name	Well/Facility/FMP	1/4 1/4 Section	Township	Range	Meridian	County	State
TODD 25 BC FED BATTERY	A	SE NW 25	23S	31E	NMP	EDDY	NM
Site Name	Well/Facility/FMP	1/4 1/4 Section	Township	Range	Meridian	County	State
ALADABRA 25	P	SE SE 25	23S	31E	NMP	EDDY	NM
Site Name	Well/Facility/FMP	1/4 1/4 Section	Township	Range	Meridian	County	State

The following condition(s) were found by Bureau of Land Management Inspectors on the date and at the site(s) listed above.

Date	Time (24-hour clock)	Corrective Action to be Completed by	Date Corrected	Authority Reference
05/28/2014	13:19	06/28/2014	6/26/14	43 CFR 3162.7-5(b)(6), 43 CFR 3162.1(a)

## Remarks:

AN INSPECTION IS BEING PERFORMED ON FEDERAL LEASE NMNM0544986 SEC. 25 T23S R31E EDDY COUNTY, NEW MEXICO. IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF 43 CFR 3162.7-5(b) (6), PROVIDE THE FOLLOWING SOURCE DOCUMENTS PER 43 CFR 3162.1(a). COVERING THE DATES 10/01/2013 THROUGH 03/31/2014. YOUR COOPERATION & ASSISTANCE WILL BE APPRECIATED.

1. MOST RECENT GAS ANALYSIS REPORT
2. CURRENT AND ACCURATE SITE FACILITY DIAGRAMS FOR FACILITIES AS PER ONSHORE ORDER #3, INCLUDING A LIST OF WELLS ASSOCIATED WITH FACILITIES (SEE ATTACHMENT)
3. SUBMIT WATER DISPOSAL PLAN AS PER ONSHORE ORDER #7(SEE ATTACHMENT)

(Remarks continued on following page(s).)

When the Written Order is complied with, sign this notice and return to above address.

Company Representative Title Asst. Foreman Signature [Signature] Date 6/26/14  
Company Comments Please see attached.

## Warning

The Authorized Officer has authority to issue a Written Order in accordance with 43 CFR 3161.2. Written Order correction and reporting time frames begin upon receipt of this Notice or 7 business days after the date it is mailed, whichever is earlier. Each stipulation must be corrected within the prescribed time from receipt of this Notice and reported to the Bureau of Land Management Office at the address shown above. If you do not comply as noted above under "Corrective Action to be Completed By", you shall be issued an Incident of Noncompliance (INC) in accordance with 43 CFR 3163.1(a). Failure to comply with the INC may result in assessments as outlined in 43 CFR 3163.1 and may also incur civil penalties (43 CFR 3163.2). All self-certified corrections must be postmarked no later than the next business day after the prescribed time frame for correction.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3163.2(f)(1), provides that any person who "knowingly or willfully" prepares, maintains, or submits false, inaccurate, or misleading reports, notices, affidavits, records, data, or other written information required by this part shall be liable for a civil penalty of up to \$25,000 per violation for each day such violation continues, not to exceed a maximum of 20 days.

## Review and Appeal Rights

A person contesting a decision shall request a State Director review of the Written Order. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 501 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Signature of Bureau of Land Management Authorized Officer [Signature] Date 05/28/14 Time 13:38

## FOR OFFICE USE ONLY

Number 51 Date  Type of Inspection PI

Orig - Jeannette  
Cal - Daniel  
cc - Wes

cc - Kevin  
cc - Adam  
Sharept.

BLM Remarks, continued

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ALL DOCUMENTS SHOULD BE PROPERLY REFERENCED

SUBMIT THE ABOVE INFORMATION TO & IF YOU HAVE ANY QUESTIONS CONTACT:  
ATTN: MICHAEL BALLIETT  
PETROLEUM ENGINEERING TECHNICIAN  
BUREAU OF LAND MANAGEMENT  
620 EAST GREENE STREET  
CARLSBAD, NM 88220  
E-MAIL: [mballiett@blm.gov](mailto:mballiett@blm.gov)  
OFFICE: (575) 234-5933 FAX: (575) 234-5927



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