

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD  
OCD Hobbs  
OCT 10 2012

FORM APPROVED  
OMB No. 1004-0137  
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.

RECEIVED

SUBMIT IN TRIPLICATE - Other Instructions on page 2.		5. Lease Serial No. N444108600
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES INC.		7. If Unit of CA/Agreement, Name and/or No.
3a. Address PO Box 2267, Midland, TX 79702		8. Well Name and No. Diamond 8 Federal Com #4H
3b. Phone No. (include area code) 432-686-3600		9. API Well No. 30-025-40189
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 330' FNL & 430' FWL, Unit D, Sec 8-T25S-R34E		10. Field and Pool or Exploratory Area Red Hills Bone Spring
		11. Country or Parish, State LEA

12. CHECK THE 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Remediation of
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Produced Water

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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

- EOG has contracted Talon/LPE to do remediation services on a produced water release from a flow line serving the Diamond 8 Federal Com No. 4H, an active well location. A site plan is attached.
- On 8/23/2012 Talon/LPE mobilized personnel to the site to carry out soil sampling activities for the construction of a work plan. Grab soil samples were collected from the area of release. The soil samples were sent to Cardinal Laboratories for analysis. The results for the soil samples are attached.
- The Impacted soil will be excavated to a depth of 1-foot deep and will be transported to an approved disposal facility. Confirmation samples will be obtained upon completion.
- Upon approval from the BLM/NMOC, the area will be backfilled to grade using new soil from a local borrow pit.
- The area will be contoured to match the surrounding terrain and reseeded using the hand broadcast method with the BLM recommended seed mix for the area.

*seed mix #1. Notify J. Annus @ 575-234-5809 prior to confirmation samples and backfill. Requires like approval from RCP*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) James Fischer	Title Environmental Manager
Signature 	Date 9/12/2012

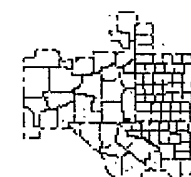
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title SEAS	Date 10-1-12
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.		

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.

(Instructions on page 2)

OCT 11 2012



### Legend

#### Well tops

- ✱ OTHER
- ✱ ACT
- ✱ DRY
- ✱ INA
- ⊙ NO INT
- SOLD

#### PIDM Well Spots

- Location
- Oil
- Gas
- Oil & Gas
- Dry & Abandoned
- Dry & Abandoned - Gas
- Dry & Abandoned - Oil
- Dry & Abandoned - Oil & Gas
- Gas Injection
- Gas & Gas Injection
- Oil & Gas Injection
- Gas Injection - Gas
- Gas Injection - Oil
- Gas Injection - Oil & Gas
- Junked & Abandoned
- Junked & Abandoned - Gas



725.2 0 362.60 725.2Feet

1: 4,351

Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Date: 8/22/2012

Author: James Fischer

August 30, 2012

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: DIAMOND 8 FED COM #4 PW

Enclosed are the results of analyses for samples received by the laboratory on 08/28/12 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

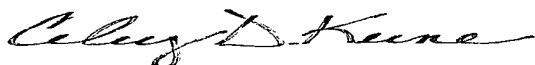
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received:	08/28/2012	Sampling Date:	08/23/2012
Reported:	08/30/2012	Sampling Type:	Soil
Project Name:	DIAMOND 8 FED COM #4 PW	Sampling Condition:	Cool & Intact
Project Number:	700438.050.01	Sample Received By:	Jodi Henson
Project Location:	D - 8 -25 - 34		

**Sample ID: S - 1 0' (H202066-01)**

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	08/30/2012	ND	400	100	400	4.08	

**Sample ID: S - 1 0.5' (H202066-02)**

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	08/30/2012	ND	400	100	400	4.08	

**Sample ID: S - 2 0' (H202066-03)**

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	08/30/2012	ND	400	100	400	4.08	

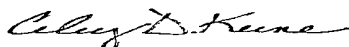
**Sample ID: S - 2 0.25' (H202066-04)**

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	08/30/2012	ND	400	100	400	4.08	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TALON LPE  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	08/28/2012	Sampling Date:	08/23/2012
Reported:	08/30/2012	Sampling Type:	Soil
Project Name:	DIAMOND 8 FED COM #4 PW	Sampling Condition:	Cool & Intact
Project Number:	700438.050.01	Sample Received By:	Jodi Henson
Project Location:	D - 8 -25 - 34		

**Sample ID: S - 2 0.5' (H202066-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	08/30/2012	ND	400	100	400	4.08	

**Sample ID: S - 2 1' (H202066-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	08/30/2012	ND	400	100	400	4.08	

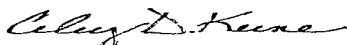
**Sample ID: S - 1 0.25' (H202066-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	08/30/2012	ND	400	100	400	4.08	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

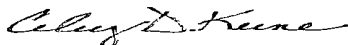
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



---

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Talon LPE</u>		BILL TO		ANALYSIS REQUEST																					
Project Manager: <u>David Atkins</u>		P.O. #:		<div>Handwritten: Total Chilled</div>																					
Address: <u>408 W. Texas</u>		Company: <u>Talon</u>																							
City: <u>Albuquerque</u> State: <u>NM</u> Zip: <u>87102</u>		Attn:																							
Phone #: <u>575-746-8768</u> Fax #: <u>575-746-8765</u>		Address:																							
Project #: <u>700438-050-01</u> Project Owner: <u>ECG</u>		City:																							
Project Name: <u>Diamond &amp; 3rd Corn #4 PW</u>		State: Zip:																							
Project Location: <u>D-8-25-34</u>		Phone #:																							
Sampler Name: <u>DAVID ATKINS</u>		Fax #:																							
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER	DATE	TIME											
H202066																									
1	S-1 2'	1	1			1							1/25/12	3:15	1										
2	S-1 0.5'	1	1			1							1/25/12	3:24	1										
3	S-2 0'	1	1			1							1/25/12	3:50	1										
4	S-2 0.25'	1	1			1							1/25/12	3:55	1										
5	S-2 0.5'	1	1			1							1/25/12	4:00	1										
6	S-2 1'	1	1			1							1/25/12	4:15	1										
7	S-1 0.25'	1	1			1							1/25/12	3:20	1										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>[Signature]</u>	Date: <u>2/28/12</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>5:40</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <u>[Signature]</u>	Date: <u>2/28/12</u>	Received By: <u>[Signature]</u>	REMARKS:	
	Time: <u>4:05</u>			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <u>[Signature]</u>		
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input type="checkbox"/>	(Initials)		
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #26



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the  
POD suffix indicates the  
POD has been replaced  
& no longer serves a  
water right file.)

(R=POD has  
been replaced,  
O=orphaned,  
C=the file is  
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>C 02373</u>	C		LE	4	1	32	24S	34E		641979	3560916*	2760	600		
<u>C 02373 S</u>			LE	1	2	1	13	25S	33E	638721	3556549*	3241	625	185	440
<u>C 02373 CLW317846</u>	O		LE	2	1	1	13	25S	33E	638518	3556544*	3419	625	185	440
Average Depth to Water:														185 feet	
Minimum Depth:														185 feet	
Maximum Depth:														185 feet	

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 641513

Northing (Y): 3558195

Radius: 5000

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/23/12 6:34 AM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER