

DATE IN 06/25/12	SUSPENSE 12/15/12	ENGINEER Jones, W	LOGGED IN 06/25/12	TYPE SWD	APP NO. 05001217834737
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



RECEIVED OGD

2012 JUN 25 P 2:39

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

**[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]  
 [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

OGRID 7377  
 API NA  
 Name SANDTANK 10 FED#1  
 Located C 10185 30E

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify \_\_\_\_\_

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
 [B] ☒ Offset Operators, Leaseholders or Surface Owner  
 [C] ☒ Application is One Which Requires Published Legal Notice  
 [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Stan Wagner

Print or Type Name

*Stan Wagner*  
 Signature

Regulatory Analyst

Title

6/19/12  
 Date

Stan\_wagner@eogresources.com  
 e-mail Address

**APPLICATION FOR AUTHORIZATION TO INJECT**

I. **PURPOSE:** Secondary Recovery Pressure Maintenance X Disposal Storage  
Application qualifies for administrative approval? X Yes No

II. **OPERATOR:** EOG Resources, Inc.

**ADDRESS:** P.O. Box 2267 Midland, TX 79702

**CONTACT PARTY:** Stan Wagner **PHONE:** 432-686-3689

III. **WELL DATA:** Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? Yes X No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

\*VIII. 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 total dissolved solids concentrations 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.

IX. Describe the proposed stimulation program, if any.

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

\*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.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering 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:** Stan Wagner **TITLE:** Regulatory Analyst

**SIGNATURE:**  **DATE:** 6/19/2012

**E-MAIL ADDRESS:** \_\_\_\_\_

\* 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: submitted with original completion

### III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) 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.

### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

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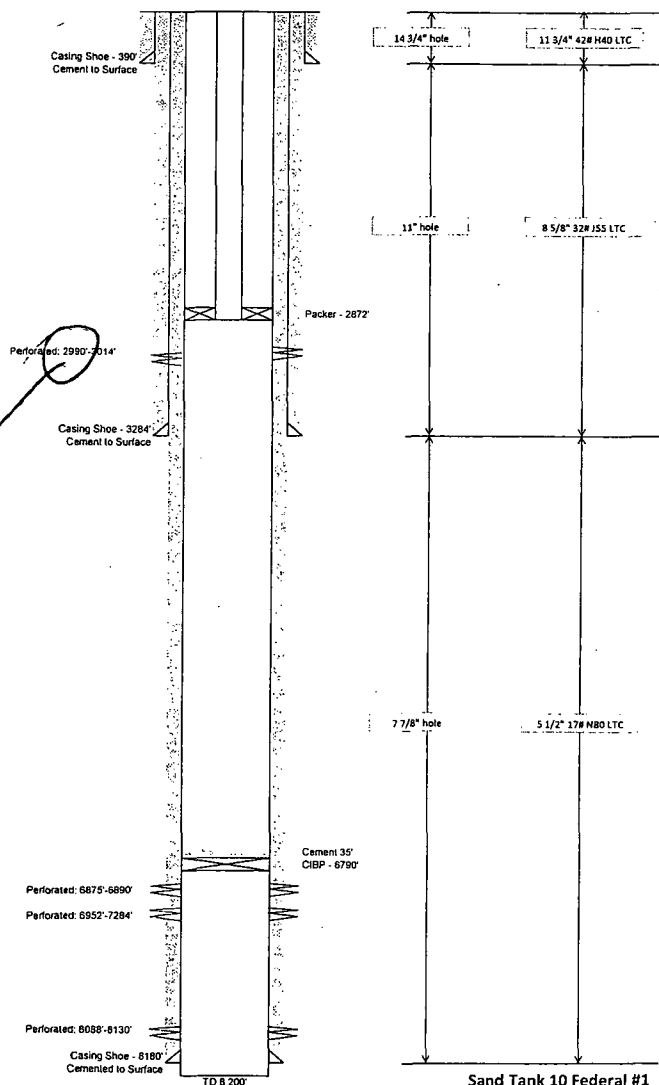
NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

## INJECTION WELL DATA SHEET

OPERATOR: EOG Resources, Inc.WELL NAME & NUMBER: Sand Tank 10 Federal 1

WELL LOCATION: 330' FNL & 2300' FWL C 10-T18S-R30E

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 14-3/4 Casing Size: 11-3/4

Cemented with: 500 sx. or                      ft<sup>3</sup>

Top of Cement: surface Method Determined: circulation

Intermediate Casing

Hole Size: 11 Casing Size: 8-5/8

Cemented with: 900 sx. or                      ft<sup>3</sup>

Top of Cement: surface Method Determined: circulation

Production Casing

Hole Size: 7-7/8 Casing Size: 5-1/2

Cemented with: 1270 sx. or                      ft<sup>3</sup>

Top of Cement: surface Method Determined: circulation

Total Depth: 8200

Injection Interval

2900 feet to 3500

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-3/8" Lining Material: Plastic CoatedType of Packer: Nickel Plated Injection PackerPacker Setting Depth: ± 2900

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes X No

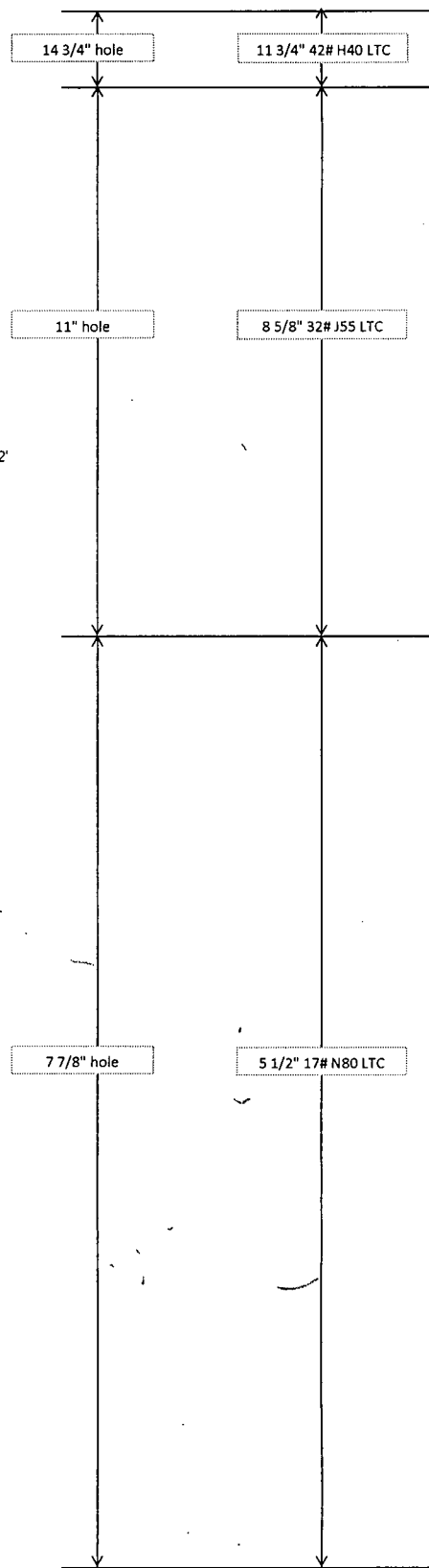
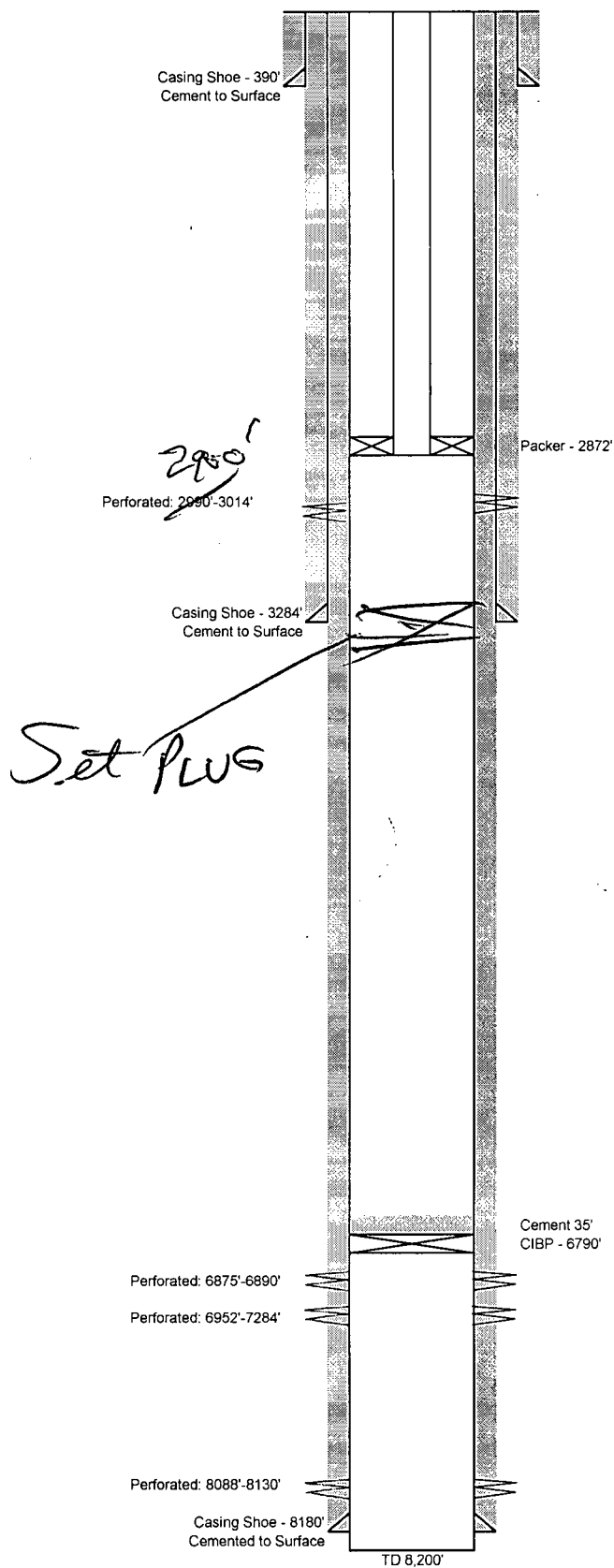
If no, for what purpose was the well originally drilled? Production2. Name of the Injection Formation: Grayburg3. Name of Field or Pool (if applicable): SWD; Grayburg

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

6875 - 8130' abandoned by CIBP at 6790' + 35' cement

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

Queen 2500'1st Bone Spring Sand 6930'2nd Bone Spring Sand 7542'



### Sand Tank 10 Federal #1

330' FNL & 2300' FWL  
 Sec. 10-T18S-R30E  
 Eddy County, New Mexico  
 API 30-015-36071  
 AFE 31724

**EOG Resources**

# Sand Tank 10 Fed #1

API# 30-015-36071  
330' FNL & 2300' FWL  
Sec 10-T18S-R30E  
Eddy Co New, Mexico



SPUD TD  
DRILLING  
LAST REVISED 9/10/2012 Brosig  
WI NRI

GL	KB	Hole	AFE #																								
11 3/4" 42# H40 LTC	390'	14 3/4"	Cmt circulated																								
<div>Tubing: 2 7/8" 6.5# J55 IPC</div>																											
	2872'		Nickel-Plated/IPC inj packer set @ 2872'																								
<u>Loco Hills Sand Perfs</u> 2990'-3014'																											
8 5/8" 32# J55 LTC	3284'		Cmt circulated																								
	3650'		CIBP + 35' cmt																								
<u>First Bone Springs Sand Perfs</u> 6875'-6890'	6790'		CIBP @ 6790' + 35' cmt																								
<u>First Bone Springs Sand Perfs</u> 6952'-7284'																											
<u>Second Bone Springs Sand Perfs</u> 8088'-8130'																											
5 1/2" 17# N80 LTC	8180'		Cmt circulated																								
TD 8200'		7-7/8"																									
<table><tr><th>Tubular Dimensions</th><th>Burst</th><th>Collapse</th><th>ID</th><th>Drift</th><th>bb/ft</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>				Tubular Dimensions	Burst	Collapse	ID	Drift	bb/ft																		
Tubular Dimensions	Burst	Collapse	ID	Drift	bb/ft																						

APPLICATION FOR AUTHORIZATION TO INJECT  
SAND TANK 10 FEDERAL 1

VII. PROPOSED OPERATION

- (1) Proposed Average Daily Rate and Volume: 7000 BWIPD  
Proposed Maximum Daily Rate and Volume: 10000 BWIPD
- (2) Open or Closed System: Closed
- (3) Proposed Average Injection Surface Pressure: 500 psi  
Proposed Maximum Injection Surface Pressure: 1000 psi  
Note: Grayburg- San Andres BHP 1255-1515 psi ( @ 0.433 gradient)
- (4) Produced Bone Spring Formation Water (see attached analysis)
- (5) N/A

VIII. GEOLOGIC DATA ON INJECTION ZONE

Injection Zone: Grayburg-San Andres Perforations 2900' – 3500'  
Lithologic Detail: Fine grain sandstone  
Geological Name: Grayburg – San Andres  
Thickness: Grayburg – 462'  
Depth: Top of Grayburg – 2865', San Andres – 3327'  
Underground Sources of Drinking Water:  
Fresh water sources in the immediate area have been encountered in aquifers above 250'. These aquifers are found in the Pliocene age Ogallala and Pleistocene age alluvial sediments and consist for the most part of alternating calcareous silt, fine sand and clay. There are no other sources of fresh water underlying the injection interval.

IX. PROPOSED STIMULATION

None at this time

X. LOGGING AND TESTING DATA ON INJECTION WELL

Logs have previously been submitted.

XI. CHEMICAL ANALYSIS OF WATER FROM FRESH WATER WELLS  
WITHIN ONE MILE OF THE INJECTION WELL

A review of the State Engineers records shows no fresh water wells within one mile of the injection well.



XII. Available geologic and engineering data has been examined and no evidence has been found of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

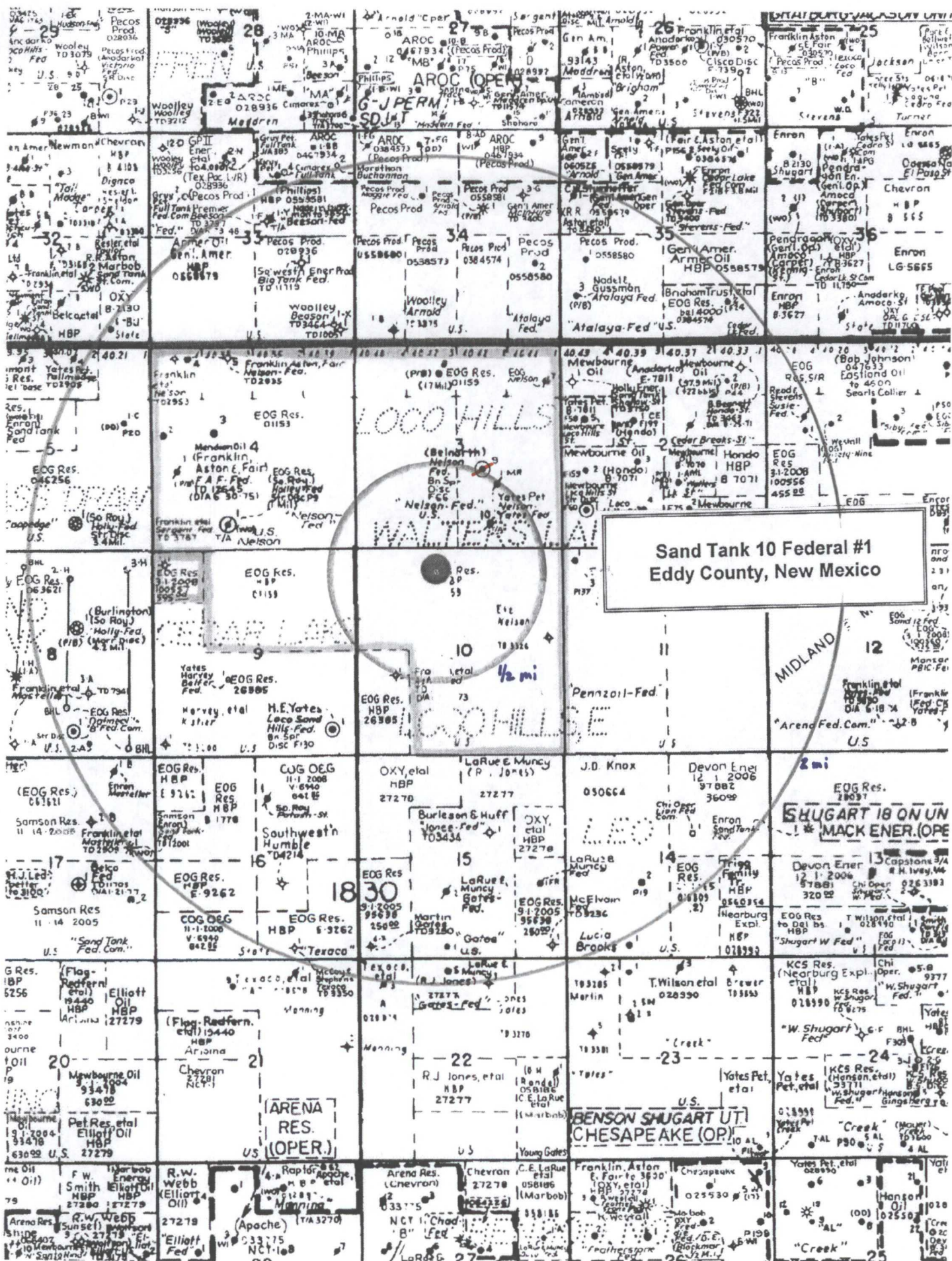
XIII. See attached "Proof of Notice".

Surface Owner:

Bureau of Land Management  
620 E. Greene  
Carlsbad, New Mexico 88220

Operators within a ½ mile radius of the proposed injector:

No wells are currently active





T17S  
R30E

33

34

35

**Sand Tank 10 Federal 1**

½ mile area of review

330 FNL & 2300 FWL

Sec 10, T18S, R30E – Eddy County NM

4

3

2

A

B

C

Sand Tank 10  
Federal 1

T18S  
R30E

9

E

10

½ mi

11

16

15

14

EOG Resources, Inc  
1/2 Mile Area of Review  
Application for Authorization to Inject Sand Tank 10 Federal 1

Operator	Lease/Well	Status	Location	Spud Date	TMD	Surface Casing			Production Casing			Producing Perforations
						Size	Depth	Cement	Size	Depth	Cement	
A. EOG	Nelson 3 Federal 9 <del>25076</del>	P&A 9/2007	Sec 03, T18S, R30E	11/8/1984	11675	16	483	625 sx	5 1/2	11672	1700 sx	P&A
B. <del>23129</del>	Nelson - Yates MR Federal 1	P&A 01/1987	Sec 03, T18S, R30E	1/25/1980	3777	8 5/8	525	200 sx	5 1/2	3777	675 sx	P&A
C. EOG	Nelson 3 Federal 10	P&A 05/2008	Sec 03, T18S, R30E	7/11/1993	7353	11 3/4	508	270 sx	5 1/2	7353	1000 sx	P&A
D.	Location Not Drilled		Sec 10, T18S, R30E									
E. EOG	Sand Tank 9 Fed 2H	Oil Producer	Sec 09, T18S, R30E	10/29/2008	389	11 3/4	389	500 sx	5 1/2	11122	1500 sx	8402 - 11075'

CMT TOPS?

~~CMT TOPS~~  
OK

UNITED STATES **OPERATOR'S COPY**  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires January 31, 2004

**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

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EOG RESOURCES, INC.

3a. Address

P.O. BOX 2267, MIDLAND, TEXAS 79702

3b. Phone No. (include area code)

(432) 686-3689

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL & 1980' FEL UNIT LETTER J  
SEC. 03, TWP. 18S, RGE. 30E

5. Lease Serial No.

NM 01159

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement. Name and/or No.

8. Well Name and No.

NELSON 3 FEDERAL #9

9. API Well No.

30-015-25076

10. Field and Pool, or Exploratory Area

WALTERS LAKE; BONE SPRING

11. County or Parish, State

ELDOX NM

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

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 final site is ready for final inspection.)

09/07/07: SET 5-1/2" CIBP @ 6,842'; MIX & PUMP A 25 SX. OMT. PLUG ON TOP OF CIBP @ 6,842'.

09/11/07: CUT & FULL 5-1/2" CSG. @ 3,587'; MIX & PUMP A 200 SX. OMT. PLUG @ 3,725'; WOC & TAG @ 2,931'.

09/12/07: MIX & PUMP A 65 SX. OMT. PLUG @ 2,626'-2,500' (CALC.)

MIX & PUMP A 60 SX. OMT. PLUG @ 1,980'-1,880' (CALC.)

MIX & PUMP A 55 SX. OMT. PLUG @ 550'; WOC & TAG TOP OF OMT. PLUG @ 435'.

MIX & CIRC. TO SURFACE A 60 SX. OMT. PLUG @ 100'-3'.

09/13/07: DIG OUT & CUT OFF WELLHEAD-3' B.G.L.; WELD ON STEEL PLATE & DRY HOLE MARKER.

WELL PLUGGED AND ABANDONED ON 09/13/07.

APPROVED AS TO PLUGGING OF THIS  
WELL BORE. LIABILITY UNDER BOND  
IS RETAINED UNTIL SURFACE RESTORATION  
IS COMPLETED

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

DAVID A. EYLER

Title

AGENT

Date 09/19/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

David R. Glass

Title

PETROLEUM ENGINEER

Date

SEP 25 2007

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, makes 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI  
(Other instructions  
verse side)

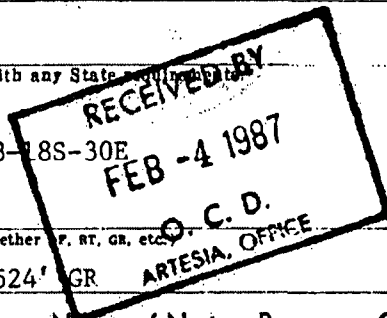
Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

dsf

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> P&A	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Yates Petroleum Corporation	8. FARM OR LEASE NAME Nelson-Yates MR Federal
3. ADDRESS OF OPERATOR 105 S. 4th St., Artesia, NM 88210	9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 1650' FSL & 1650' FEL of Sec 3-T18S-30E	10. FIELD AND POOL, OR WILDCAT Loco Hills-Q-Grbg.-SA
14. PERMIT NO. API #30-015-23219	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Unit J, Sec. 3-T18S-R30E
15. ELEVATIONS (Show whether F., RT., GR., etc.) 3524' GR	12. COUNTY OR PARISH Eddy
	13. STATE NM



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
(Other) ☐

PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
ABANDON\* ☐  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐  
FRACTURE TREATMENT ☐  
SHOOTING OR ACIDIZING ☐  
(Other) ☐

REPAIRING WELL ☐  
ALTERING CASING ☐  
ABANDONMENT\* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Plugged and abandoned well as follows:

Spot 35 sx Class "C" w/4% CaCl<sub>2</sub> at 3390-3140'. Tagged at 3148'.

Spot 25 sx Class "C" w/4% CaCl<sub>2</sub> at 1477-1377'. Tagged at 1270'.

Circulate with 10# brine gel.

Perforated 2 squeeze holes at 510'. Installed cement head on 5-1/2" casing.

Establish circulation to surface between 5-1/2" and 8-5/8" casing. Mixed 140 sx Class "C" with 2% CaCl<sub>2</sub>. When cement got to surface, shut valve on 8-5/8" Bradenhead. Dropped cement plug and squeezed perforations at 510' w/400# surface pressure (2 bbls).

Installed dry hole marker and cleaned location.

Plugging completed 1-28-87.

Permission for plugging procedure given by Mr. David Glass, BLM, Roswell, NM.

18. I hereby certify that the foregoing is true and correct

SIGNATURE Guadalupe Goodlett TITLE Production Supervisor DATE 1-29-87

(This space for Federal or State office use)  
01818-8, Charles S. Deaton

APPROVED BY Area Manager TITLE  DATE 2-3-87  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Post ID-2  
2-13-87  
P&A

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY FORM APPROVED  
OMB NO. 1004-0135  
Expires January 31, 2004

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. <b>MM 01159</b>
2. Name of Operator <b>EOG RESOURCES, INC.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>P.O. BOX 2267, MIDLAND, TEXAS 79702</b>	3b. Phone No. (include area code) <b>(432) 686-3689</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>660' FSL &amp; 1,830' FEL SEC. 03, TWP. 18S, RGE. 3E</b>		8. Well Name and No. <b>NELSON 3 FEDERAL #10</b>
		9. API Well No. <b>30-015-27490</b>
		10. Field and Pool, or Exploratory Area <b>WALTERS LAKE (BONE SPRING)</b>
		11. County or Parish, State <b>EDDY NM</b>

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 type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input 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 final site is ready for final inspection.)

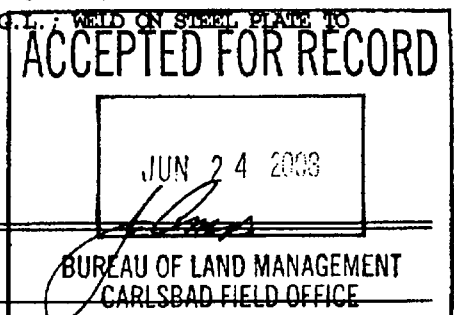
05/14/08: TAG EXISTING 5-1/2" CIRP+OMT. @ 6,775'; CIRC. WELL W/ EXA MUD.

05/15/08: MIX & PUMP A 25 SX. OMT. PLUG @ 4,655'-4,455' (CALC.); MIX & PUMP A 25 SX. OMT. PLUG @ 2,155'; WOC & TAG TOP OF OMT. PLUG @ 1,965'.

05/16/08: MIX & PUMP A 63 SX. OMT. PLUG @ 1,600'; WOC & TAG TOP OF OMT. PLUG @ 1,102'.

05/22/08: MIX & PUMP A 25 SX. OMT. PLUG @ 560'; WOC & TAG TOP OF OMT. PLUG @ 441'; MIX & CIRC. TO SURF. A 25 SX. OMT. PLUG @ 100'-3'; DIG OUT & CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CASINGS & INSTALL DRY HOLE MARKER.

WELL PLUGGED AND ABANDONED ON 05/22/08.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

DAVID A. EYLER

Title

AGENT

Date 06/10/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

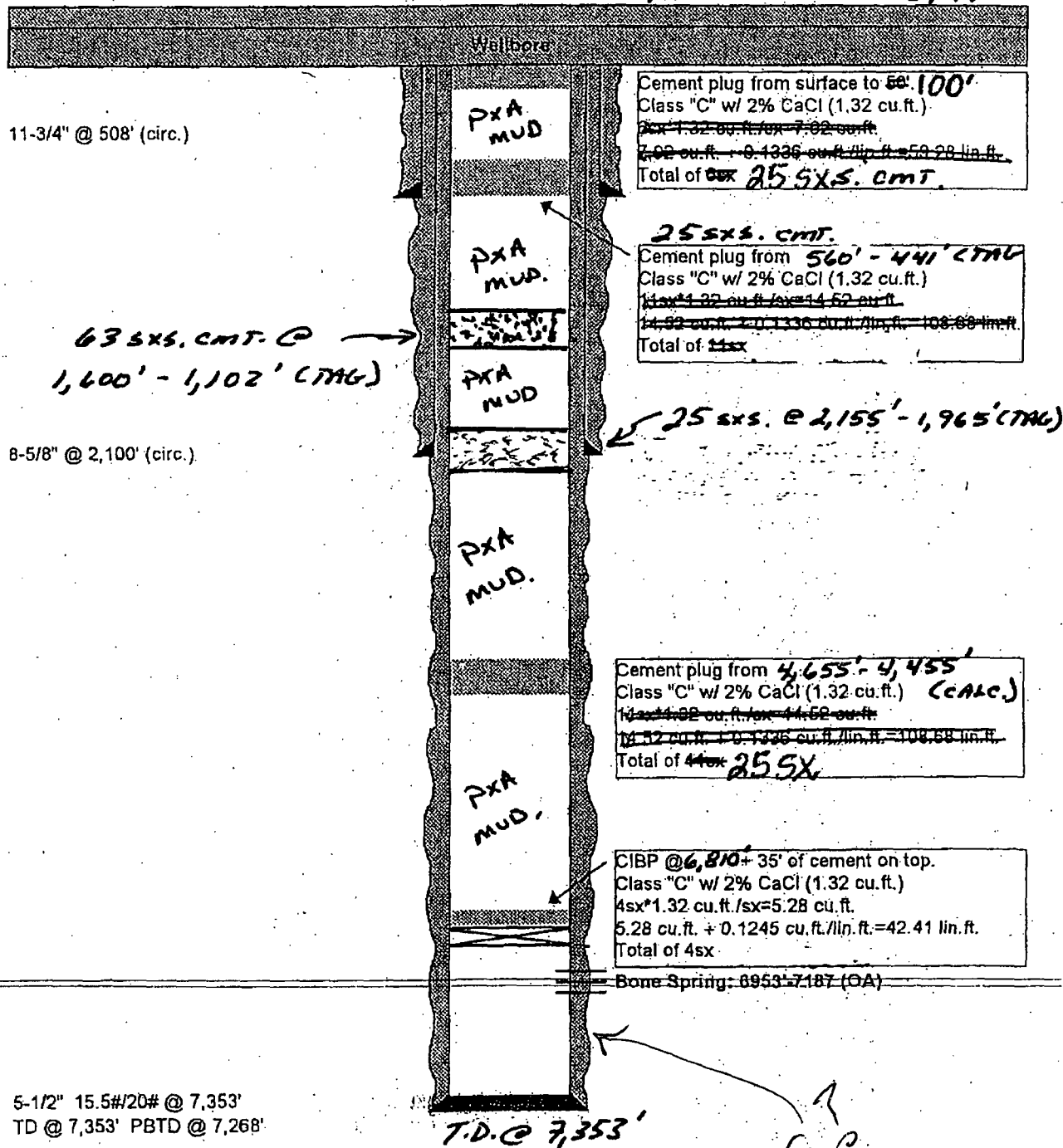
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.



PROPOSED P&A  
WELL SCHEMATIC

API # 30-015-27490







60 sx surface plug 0 - 100'

55 sx plug 435 - 550'

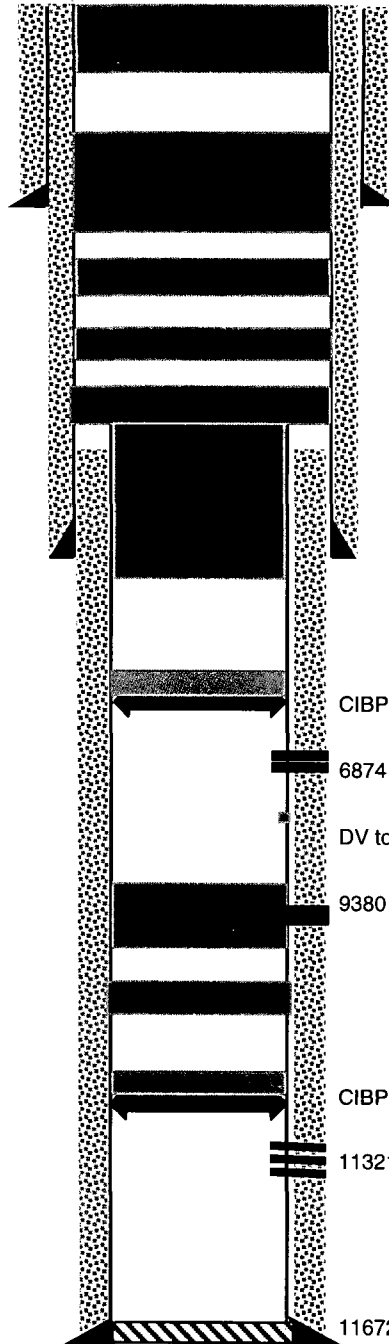
60 sx plug 1880 - 1980'

65 sx plug 2500 - 2626'

200 sx plug 2931 - 3725'

90 sx plug 8735 - 9500'

25 sx plug 10492 - 10716'



TD 11675'

483' 20' hole - 16", 65#, H-40 STC  
 625 sx cement, circulated 308sx to surface

5-1/2" casing cut at 3587'

3665' 14-3/4" hole - 10-3/4", 40.5#, 51#, 55#  
 1775 x cement, circulated 10 sx to surface

CIBP @ 6842' + 25' cement

6874 - 6936' Bone Spring perforations

DV tool at 7479'

9380 - 9390' Wolfcamp perforations

CIBP @ 11300' + 35' cement

11321 - 11566' Morrow perforations

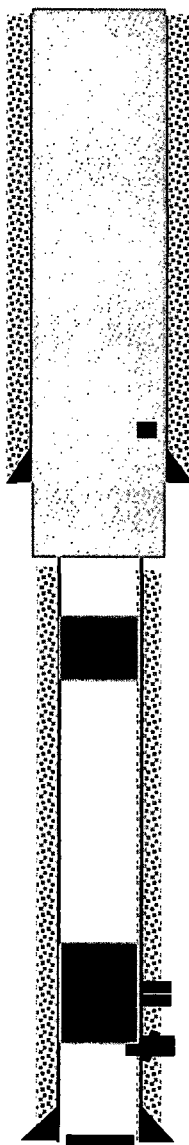
11672'  
 7-7/8" hole - 5-1/2", 17#, 20#, N-80 STC  
 1st stage 600 sx lead + 300 sx tail cement  
 2nd stage 800 sx TOC @ 3630'

# Nelson - Yates MR Federal 1

1650' FSL & 1650' FEL  
Sec 3, T18S, R30E  
Eddy County, New Mexico

B.

Perforated 2 squeeze holes at 510'. Installed cement head on 5-1/2" casing. Established circulation to surface between 5-1/2" & 8-5/8" annulus. Mixed and pumped 140 sx C cement. When cement reached surface, shut valve on 8-5/8" bradenhead. Dropped cement plug and squeezed perforations at 510' w/ 400 psi surface pressure.



TOC @ 1150' (Temperature Survey)

25 sx plug 1270 - 1477'

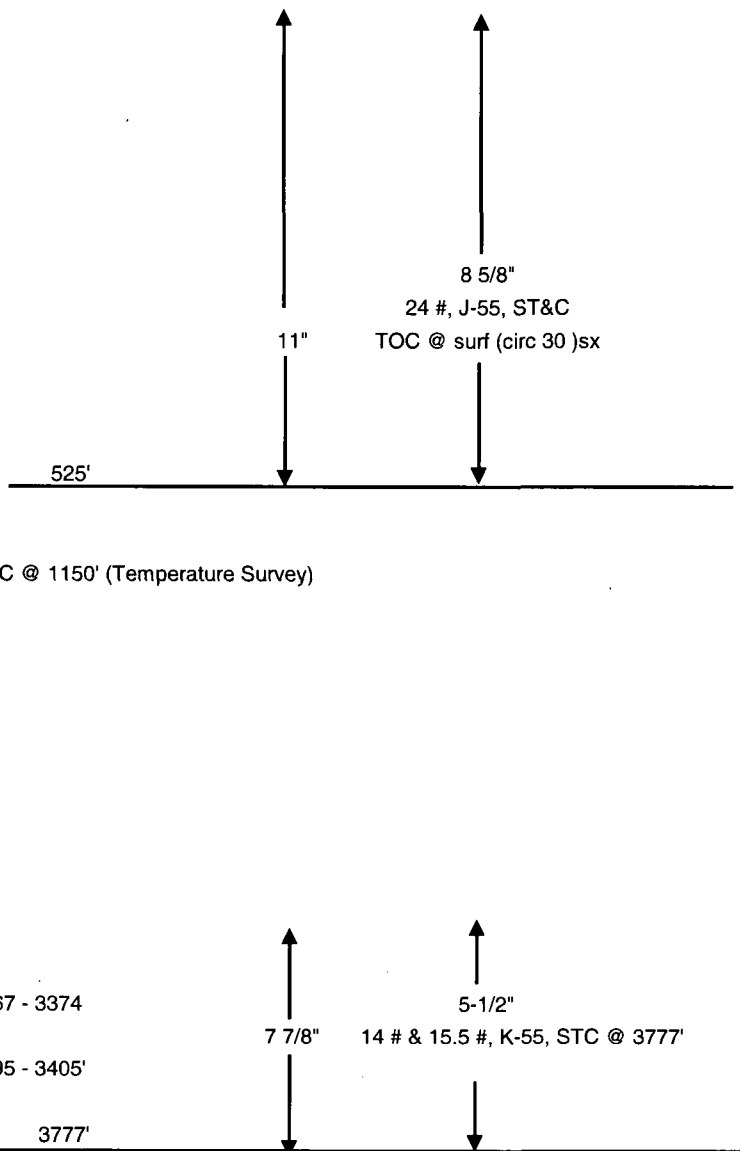
35 sx plug 3148 - 3390'

3367 - 3374

3395 - 3405'

3777'

TD 3777'



Good afternoon Will,

I finally have the list of owners back from land, so now I can move forward.

Since we are now going to permit this as a commercial disposal, do you need me to republish the legal notice ?

Also, the list I got from land is of lessees and operating rights. I am attaching the list for you to see. Do I need to notice all of these people or just the operating rights, or just any current operators ? As soon as I get your clarification, I will proceed on...

Thanks,

Stan (See attached file: *Sand Tank 10 List.pdf*)

▼ "Jones, William V., EMNRD" ---08/09/2012 06:47:48 PM---Hello Stan, 1. Would you let me know where the separately owned tracts of land exist within the

From: "Jones, William V., EMNRD" <William.V.Jones@state.nm.us>

To: "Stan\_Wagner@eogresources.com" <Stan\_Wagner@eogresources.com>,

Cc: "Ezeanyim, Richard, EMNRD" <richard.ezeanyim@state.nm.us>, "Shapard, Craig, EMNRD" <craig.shapard@state.nm.us>

Date: 08/09/2012 06:47 PM

Subject: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

---

Hello Stan,

1. Would you let me know where the separately owned tracts of land exist within the ½ mile AOR and the owner(s) of each tract? Attaching an example...
2. Please send wellbore diagrams of all three Plugged wells within ½ mile of this well.
3. Send another Post Conversion diagram of the subject well showing an internal plug set within 200 feet below the disposal interval.

Hope all is well,

William V. Jones, P.E.

505-476-3448W 505-476-3462F

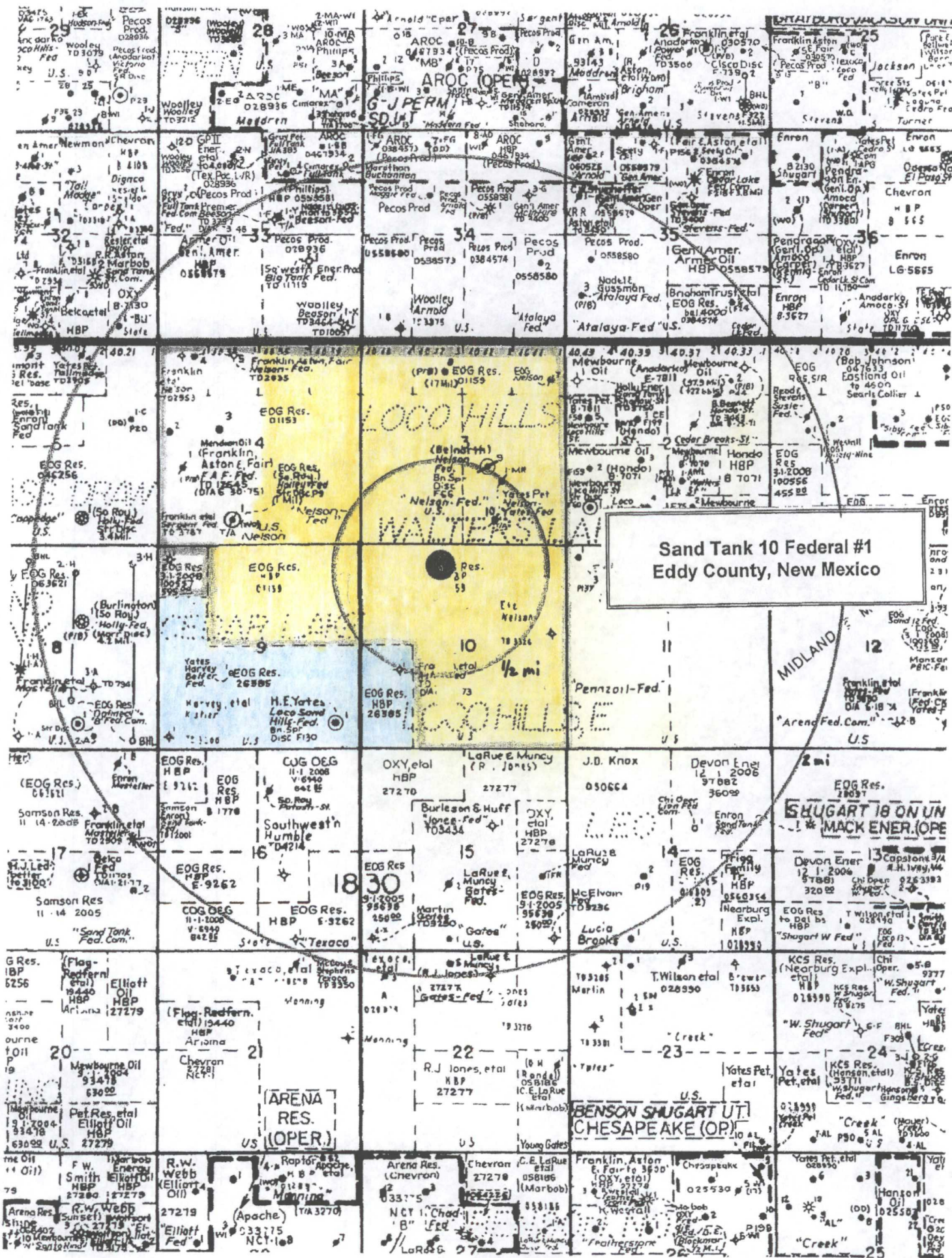
Engineering Bureau, Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

[attachment "EddyNM\_NASH\_53\_SWD.pdf" deleted by Stan Wagner/EOGResources]





EOG Resources - yellow  
Listed Owners - blue



**EOG Resources, Inc.**  
4000 North Big Spring, Suite 500  
Midland, TX 79705  
(915) 686-3600

May 17, 2012

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Bureau of Land Management  
620 E. Greene  
Carlsbad, NM 88220

Re: Application of EOG Resources, Inc. for administrative approval of  
Sand Tank 10 Federal 1 – Eddy County, New Mexico.  
Application for a Water Disposal Injection well

Ladies and Gentlemen:

Enclosed please find a copy of the application of EOG Resources, Inc. (Oil Conservation Division Form C-108) in the above-referenced matter for approval of a Water Disposal Injection Well: the Sand Tank 10 Federal 1 is located 330 feet from the North line and 2300 feet from the West line of Section 10, Township 18 South, Range 30 East, NMPM, Eddy County, New Mexico. EOG proposes to re-inject water produced from the Bone Spring formation into the Delaware Sand formation at a measured depth of 2900 feet to 3500 feet. This injection will occur with a maximum injection pressure of 1000 psi and a maximum injection rate of 10000 barrels of water per day as fully described in the application.

This application is provided to you as owner of the surface of the land upon which the subject well is located. If you object to this application your objection must be filed in writing with the Santa Fe Office of the Oil Conservation Division located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within 15 days of the date of this letter. If there is no objection, the Division Director may approve this application.

Sincerely,

EOG RESOURCES, INC.

A handwritten signature in black ink, appearing to read "Stan Wagner", with a long horizontal flourish extending to the right.

Stan Wagner  
Regulatory Analyst



# Affidavit of Publication

NO. 22143

STATE OF NEW MEXICO

County of Eddy:

Danny Scott

*Danny Scott*

being duly sworn, says that he is the Publisher

of the Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached

## Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/days on the same day as follows:

First Publication May 10, 2012

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

Fifth Publication \_\_\_\_\_

Subscribed and sworn to before me this

10th day of May 2012



OFFICIAL SEAL  
Latisha Romine  
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires 5/12/2015

*Latisha Romine*

Latisha Romine  
Notary Public, Eddy County, New Mexico

# Copy of Publication:

## LEGAL NOTICE

EOG Resources, Inc., P.O. Box 2267, Midland, TX 79702, will file form C.108 (Application for Authorization to inject) with the New Mexico, Oil Conservation Division seeking administrative approval for water injection wells.

The Sand Tank 10 federal No. 1 is located 330' FNL & 2300' FWL, Section 10, Township 18 South, Range 30 East, Eddy County, New Mexico. Injection water will be sourced from area wells producing from the Bone Spring formation. The injection water will be injected into the Grayburg formation at a depth of 2900' - 3500', a maximum surface pressure of 1000 psi, and a maximum rate of 10000 BWIPD.

All interested parties opposing the action must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 within 15 days. Additional information may be obtained by contacting Stan Wagner at P.O. Box 2267, Midland, TX 79702, or 432-686-3600. Published in the Artesia Daily Press, Artesia, N.M., May 10, 2012. Legal No 22143.

separately owned tracts of land exist within the

From: "Jones, William V., EMNRD" <William.V.Jones@state.nm.us>

To: "Stan Wagner@eogresources.com" <Stan\_Wagner@eogresources.com>,

Cc: "Ezeanyim, Richard, EMNRD" <richard.ezeanyim@state.nm.us>, "Shapard, Craig, EMNRD" <craig.shapard@state.nm.us>

Date: 08/09/2012 06:47 PM

Subject: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

RECEIVED OGD

2012 OCT 17 P 2:05

Hello Stan,

- ✓ 1. Would you let me know where the separately owned tracts of land exist within the ½ mile AOR and the owner (s) of each tract? Attaching an example...
- ✓ 2. Please send wellbore diagrams of all three Plugged wells within ½ mile of this well.
- ✓ 3. Send another Post Conversion diagram of the subject well showing an internal plug set within 200 feet below the disposal interval.

Hope all is well,

**William V. Jones, P.E.**

505-476-3448W 505-476-3462F

Engineering Bureau, Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

[attachment "EddyNM\_NASH\_53\_SWD.pdf" deleted by Stan Wagner/EOGResources]



On October 15, 2012 a copy of EOG Resources' fluid injection application C-108 was mailed to the attached list of owners.

A handwritten signature in black ink, appearing to read "Stan Wagner", is written over a horizontal line.

Stan Wagner  
Regulatory Specialist  
EOG Resources, Inc.  
P.O. Box 2267  
Midland, Texas 79702  
432-686-3689

TWP: 18 S.

RNG: 30 E.

SECTION: 9, 10

County: Eddy

LEASE NUMBER: NMNM 26385

LEASE ISSUED: 12/01/1975

This Lease is Held by Production

**LESSEE(S):**

0.500000% 8 Way Oil & Gas Inc., P.O. box 317, Midland, TX 79701  
3.718750% Anderson Oil Ltd., 5005 Woodway #300, Houston, TX 77056  
0.375000% Rosemary T. Avery, P.O. Box 3, Roswell, NM 88202  
0.929690% Delmar Hudson Lewis Living Trust, 6300 Ridglea Place, Ste. 1005-A, Fort Worth, TX 76116  
4.825280% Diamond Head Properties, P.O. Box 2127, Midland, TX 79702  
5.107500% Explorers Petroleum Corp., P.O. ox 1933, Roswell, NM 88202  
0.250000% Arden R. Grover, P.O. Box 3666, Midland, TX 79702  
32.822040% Harvey E. Yates Co., 1007 Marquette NW, Albuquerque, NM 87102  
1.859380% Zoro Partners Ltd., and William A. Hudson II, trustees, 1440 Interfirst Tower, Fort Worth, TX 76102  
0.037500% Garland C. Lamb, 3208 Maxwell, Midland, TX 79705  
0.929690% Lindy's Living Trust, 616 Texas St., Fort Worth, TX 76102  
0.030000% Calvin W. Osborn, RR 2 Box 48, Lovington, NM 88260  
1.212360% Redfern Oil Co., P.O. Box 50890, Midland, TX 79710  
0.030000% Wayne F. Reeser, 1512 W. Asen, Lovington, NM 88260  
1.212360% Spell Inc., Box 50890, Midland, TX 79710  
5.732500% Spiral Inc., Box 193, Roswell, NM 88202  
12.422500% Stratco Operating Co. Inc, 400 Buckeye Trail, Austin, TX 78746  
2.500000% S.W. Crosby III, Box 2346, Roswell, NM 88202  
0.042500% Marvin D. Withcer, Box 1983, Midland, TX 79702  
14.030580% Yates Energy Corp., P.O. Box 2323, Roswell, NM 88202  
5.625000% Yates US, Inc., P.O. Box 2323, Roswell, NM 88202  
1.369876% Nadel & Gussman Capitan LLC, 15 E. 5<sup>th</sup> St., Ste. 3200, Tulsa, OK 74103  
4.437500% Nadel & Gussman Heyco LLC, P.O. Box 1933, Roswell, NM 88202

**OPERATING RIGHTS:**

As to Section 9- SWNW,S2; 10-W2SW all depths

0.500000% 8 Way Oil & Gas Inc., P.O. box 317, Midland, TX 79701  
3.718750% Anderson Oil Ltd., 5005 Woodway #300, Houston, TX 77056  
0.375000% Rosemary T. Avery, P.O. Box 3, Roswell, NM 88202  
0.929690% Delmar Hudson Lewis Living Trust, 6300 Ridglea Place, Ste. 1005-A, Fort Worth, TX 76116  
4.825280% Diamond Head Properties, P.O. Box 2127, Midland, TX 79702  
5.107500% Explorers Petroleum Corp., P.O. ox 1933, Roswell, NM 88202  
0.250000% Arden R. Grover, P.O. Box 3666, Midland, TX 79702  
38.447000% Harvey E. Yates Co., 1007 Marquette NW, Albuquerque, NM 87102  
1.369870% Harvey E. Yates Co., P.O. Box 1933, Roswell, NM 88202  
1.859380% Ard Oil, Ltd., 222 West 4<sup>th</sup> St PH 5, Fort Worth, TX 76102  
0.037500% Garland C. Lamb, 3208 Maxwell, Midland, TX 79705  
0.929690% Lindy's Living Trust, 616 Texas St., Fort Worth, TX 76102  
0.030000% Calvin W. Osborn, RR 2 Box 48, Lovington, NM 88260  
1.212360% Redfern Oil Co., P.O. Box 50890, Midland, TX 79710  
0.030000% Wayne F. Reeser, 1512 W. Asen, Lovington, NM 88260  
1.212360% Spell Inc., Box 50890, Midland, TX 79710  
5.732500% Spiral Inc., Box 193, Roswell, NM 88202  
2.860000% Stratco Operating Co. Inc, 400 Buckeye Trail, Austin, TX 78746  
2.500000% S.W. Crosby III, Box 2346, Roswell, NM 88202  
0.042500% Marvin D. Withcer, Box 1983, Midland, TX 79702  
14.030580% Yates Energy Corp., P.O. Box 2323, Roswell, NM 88202

**OVERRIDING ROYALTY:**

6.250000% Robert H. Hannifin and Maxine B. Hannifin, P.O. Box 218, Midland, TX 79701  
0.257625% Yates Energy Corporation, P.O. Box 2323, Roswell, NM 88202  
0.064406% Yates Energy Corp., P.O. Box 2323, Roswell, NM 88202

**ROYALTY SCHEDULE:**

12-1/2%

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 Houston, Texas 77056

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City, State

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 P.O. Box 317  
 Midland, Texas 79701

Street,  
or PO Box  
City, State

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 6300 Rodglea Place  
 Ste. 1005-A  
 Fort Worth, Texas 76116

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or PO Box  
City, State

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 Roswell, NM 88202

Street,  
or PO Box  
City, State

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 Roswell, NM 88202

Street,  
or PO Box  
City, State

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 Midland, Texas 79702

Street,  
or PO Box  
City, State

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Sent To: Harvey E. Yates Co.  
 1007 Marquette NW  
 Albuquerque, NM 87102

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Sent To: Arden R. Grover  
 P.O. Box 3666  
 Midland, Texas 79702

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 222 West 4th St. PH 5  
 Fort Worth, Texas 76102

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 P.O. Box 1933  
 Roswell, NM 88202

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

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10/15/12

Sent To: Lindy's Living Trust  
 616 Texas St.  
 Fort Worth, Texas 76102

PS Form 3800, January 2002 Edition Instructions

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Restricted Delivery Fee (Endorsement Required)	
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10/15/12

Sent To: Garland C. Lamb  
 3208 Maxwell  
 Midland, Texas 79705

PS Form 3800, January 2002 Edition Instructions

7009 3410 0000 0960 9680

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Restricted Delivery Fee (Endorsement Required)	
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10/15/12

Sent To: Redfern Oil Co.  
 P.O. Box 50890  
 Midland, Texas 79710

PS Form 3800, January 2002

Instructions

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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark  
Here

10/15/12

Sent To: Calvin W. Osborn  
 RR 2 Box 48  
 Lovington, NM 88260

PS Form 3800, January 2002

Instructions

7009 3410 0000 0960 9666

U.S. Postal Service<sup>TM</sup>  
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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark  
Here

10/15/12

Sent To: Spell Inc.  
 Box 50890  
 Midland, Texas 79710

PS Form 3800, January 2002

Instructions

7009 3410 0000 0960 9673

U.S. Postal Service<sup>TM</sup>  
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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark  
Here

10/15/12

Sent To: Wayne F. Reeser  
 1512 W. Asen  
 Lovington, NM 88260

PS Form 3800, January 2002

Instructions

7009 3410 0000 0960 9642

U.S. Postal Service<sup>TM</sup>  
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**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark  
Here

10/15/12

Stratco Operating Co. Inc.  
 400 Buckeye Trail  
 Austin, Texas 78746

PS Form 3800, January 2002

Instructions

7009 3410 0000 0960 9659

U.S. Postal Service<sup>TM</sup>  
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Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark  
Here

10/15/12

Sent To: Spiral Inc.  
 Box 193  
 Roswell, NM 88202

PS Form 3800, January 2002

Instructions

7009 3410 0000 0960 9628

U.S. Postal Service<sup>TM</sup>  
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**OFFICIAL USE**

Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Postmark  
Here

10/15/12

T  
 Sent To Marvin D. Withcer  
 Box 1983  
 Midland, Texas 79702

PS Form 3800, April 2004

Instructions

7009 3410 0000 0960 9635

U.S. Postal Service<sup>TM</sup>  
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**OFFICIAL USE**

Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Postmark  
Here

10/15/12

Sent To S.W. Crosby III  
 Box 2346  
 Roswell, NM 88202

PS Form 3800, April 2004

Instructions

7009 3410 0000 0960 9604

U.S. Postal Service<sup>TM</sup>  
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 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Postmark  
Here

10/15/12

Sent To Robert H. Hannifin and Maxine B. Hannifin  
 P.O. Box 218  
 Midland, Texas 79701

PS Form 3800, April 2004

Instructions

7009 3410 0000 0960 9611

U.S. Postal Service<sup>TM</sup>  
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For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Postmark  
Here

10/15/12

Yates Energy Corp.  
 P.O. Box 2323  
 Roswell, NM 88202

PS Form 3800, April 2004

Instructions

7009 3410 0000 0960 9574

U.S. Postal Service<sup>TM</sup>  
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For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Postmark  
Here

10/15/12

Sent To Nadel & Gussman Capitan LLC  
 15 E. 5th St.  
 Ste. 3200  
 Tulsa, OK 74103

PS Form 3800, April 2004

Instructions

7009 3410 0000 0960 9598

U.S. Postal Service<sup>TM</sup>  
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For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Postmark  
Here

10/15/12

Zoro Partners LTD and William A.  
 Hudson II, trustees  
 1440 Interfirst Tower  
 Fort Worth, Texas 76102

PS Form 3800, April 2004

Instructions

7009 3410 0000 0960 9581

U.S. Postal Service TM  
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For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Price	\$

Postmark  
Here

10/15/12

Sent To Nadel & Gussman Heyco LLC  
P.O. Box 1933  
Street, Apt. or P.O. Box Roswell, NM 88202  
City, State

PS Form 3800, June 2006

Instructions



**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BLM  
620 E. GREENE  
CARLSBAD, NM 88220

**COMPLETE THIS SECTION ON DELIVERY**

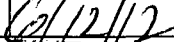
A. Signature

☒ Agent☐ Addressee

B. Received by (Printed Name)



C. Date of Delivery



D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

JUN 12 2012

3. Service Type

☒ Certified Mail ☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number

(Transfer from service)

7010 3090 0001 8450 9313

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

## Jones, William V., EMNRD

---

**From:** Jones, William V., EMNRD  
**Sent:** Thursday, August 09, 2012 5:48 PM  
**To:** Stan\_Wagner@eogresources.com  
**Cc:** Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD  
**Subject:** Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071  
Grayburg and San Andres perforations from 2900 to 3500 feet  
**Attachments:** EddyNM\_NASH\_53\_SWD.pdf

Hello Stan,

1. Would you let me know where the separately owned tracts of land exist within the ½ mile AOR and the owner(s) of each tract? Attaching an example...
2. Please send wellbore diagrams of all three plugged wells within ½ mile of this well.
3. Send another Post Conversion diagram of the subject well showing an internal plug set within 200 feet below the disposal interval.

Hope all is well,

William V. Jones, P.E.  
505-476-3448W 505-476-3462F  
Engineering Bureau, Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

*need me more*  
*Nelson 3 Fed #10 3/185/30E*  
*(C)*

## Jones, William V., EMNRD

---

**From:** Jones, William V., EMNRD  
**Sent:** Tuesday, October 09, 2012 2:17 PM  
**To:** 'Stan\_Wagner@eogresources.com'  
**Subject:** RE: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

Hello Stan,

I wouldn't redo the newspaper notice – but make sure the surface owner of the well site knows it will take water from off-lease. If they could tell that from the copy of the C-108 they got earlier, then that would take care of it.

As far as the info from the take-off. David Brooks, our landman/attorney here says that in BLM parlance, “operating rights” is similar to “lessees” in our notice rule.

Since this is a proposed disposal well, I am assuming there are no operators of wells in the Grayburg/San Andres interval that EOG wants to dispose into. If there are, then this application would need to be processed at an examiner hearing. If there are operators of wells to any other depth within ½ mile, please send notice to those operators.

In addition, within ½ mile and within the depth interval EOG wants to use for disposal, the owners of “operating rights” or the “lessees” should be noticed – whomever controls those minerals (whomever would be the party deciding whether to spend money to drill or produce – maybe your Landman would know this).

In addition to the surface owner of the well site, here is the definition of “affected persons” who should be noticed:

**19.15.26.7 DEFINITIONS:**

A. “Affected person” means the division designated operator; in the absence of an operator, a lessee whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date the applicant files the application; or in the absence of an operator or lessee, a mineral interest owner whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date the applicant filed the application for permit to inject.

If you want further clarification, please let me know and I will forward your Land info to David Brooks and he can talk with your Landman.

When you notice these people with a copy of the C-108, send me a copy of the mailer to each one, and make sure the dates show up. I just need to know when the mailers went out.

Items 2 and 3 below – send that info, or remind me it was already sent.

I will look at my notes and let you know if there is anything else....

Regards,

Will Jones

---

**From:** Stan\_Wagner@eogresources.com [mailto:Stan\_Wagner@eogresources.com]  
**Sent:** Tuesday, October 09, 2012 12:46 PM  
**To:** Jones, William V., EMNRD  
**Subject:** Re: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

## Jones, William V., EMNRD

---

**From:** Jones, William V., EMNRD  
**Sent:** Friday, October 19, 2012 5:38 PM  
**To:** Stan\_Wagner@eogresources.com  
**Cc:** Ezeanyim, Richard, EMNRD  
**Subject:** RE: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

Hello Stan,  
I am missing one more wellbore diagram for the well "C" on your list,  
Plugged well: Nelson 3 Federal #10 in Sec 3/18S/30E

---

**From:** Jones, William V., EMNRD  
**Sent:** Thursday, August 09, 2012 5:48 PM  
**To:** [Stan\\_Wagner@eogresources.com](mailto:Stan_Wagner@eogresources.com)  
**Cc:** Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD  
**Subject:** Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

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3. Send another Post Conversion diagram of the subject well showing an internal plug set within 200 feet below the disposal interval.

Hope all is well,

William V. Jones, P.E.  
505-476-3448W 505-476-3462F  
Engineering Bureau, Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

## Jones, William V., EMNRD

---

**From:** Jones, William V., EMNRD  
**Sent:** Friday, October 19, 2012 5:44 PM  
**To:** Stan\_Wagner@eogresources.com  
**Cc:** Ezeanyim, Richard, EMNRD  
**Subject:** RE: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

We have a pre-plug diagram but not a post-conversion diagram.

The issue is the low number of sacks in the primary cement job – what was the actual top of cement?

*Robert*  
*11/1/12*

---

**From:** Jones, William V., EMNRD  
**Sent:** Friday, October 19, 2012 5:38 PM  
**To:** [Stan\\_Wagner@eogresources.com](mailto:Stan_Wagner@eogresources.com)  
**Cc:** Ezeanyim, Richard, EMNRD  
**Subject:** RE: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

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**Sent:** Thursday, August 09, 2012 5:48 PM  
**To:** [Stan\\_Wagner@eogresources.com](mailto:Stan_Wagner@eogresources.com)  
**Cc:** Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD  
**Subject:** Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

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William V. Jones, P.E.

505-476-3448W 505-476-3462F

Engineering Bureau, Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

## Jones, William V., EMNRD

---

**From:** Stan\_Wagner@eogresources.com  
**Sent:** Wednesday, October 31, 2012 12:36 PM  
**To:** Jones, William V., EMNRD  
**Subject:** RE: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

Will,

Looks like the plugging company took the pre-plug and hand wrote in the actuals. Looking at the sundry for the P&A job, everything is matching up with the hand amended diagram.

"Jones, William V., EMNRD" ---10/19/2012 06:44:24 PM---We have a pre-plug diagram but not a post-conversion diagram. The issue is the low number of sacks i

From: "Jones, William V., EMNRD" <William.V.Jones@state.nm.us>  
To: "Stan\_Wagner@eogresources.com" <Stan\_Wagner@eogresources.com>,  
Cc: "Ezeanyim, Richard, EMNRD" <richard.ezeanyim@state.nm.us>  
Date: 10/19/2012 06:44 PM  
Subject: RE: Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

---

We have a pre-plug diagram but not a post-conversion diagram.  
The issue is the low number of sacks in the primary cement job – what was the actual top of cement?

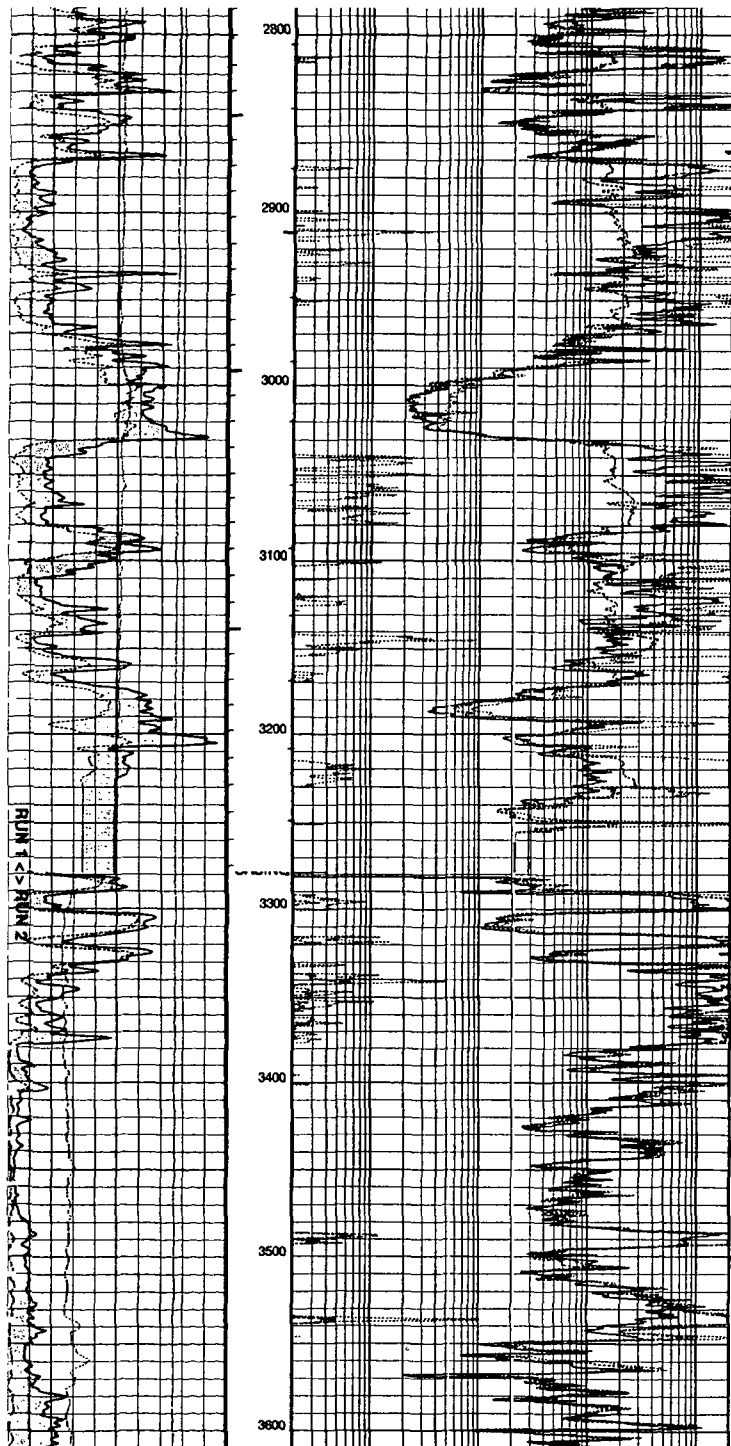
**From:** Jones, William V., EMNRD  
**Sent:** Friday, October 19, 2012 5:38 PM  
**To:** [Stan\\_Wagner@eogresources.com](mailto:Stan_Wagner@eogresources.com)  
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**Cc:** Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD  
**Subject:** Disposal application from EOG Resources Inc.: Sand Tank 10 Federal #1 30-015-36071 Grayburg and San Andres perforations from 2900 to 3500 feet

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2. Please send wellbore diagrams of all three Plugged wells within ½ mile of this well.



2865' GRAYBURG TOP

2900'

3327' SAN ANDRES TOP

3500'

# Injection Permit Checklist (11/15/2010)

WFX \_\_\_\_\_ PMX \_\_\_\_\_ SWD 1353 Permit Date 11/4/12 UIC Qtr (0 N/D)

# Wells 1 Well Name(s): SAND TANK 10 F2002 #1

API Num: 30-0 15-36071 Spud Date: 2/6/08 New/Old: N (UIC primacy March 7, 1982)

Footages: 330 FNL / 2300 FWL Unit C Sec 10 Tsp 185 Rge 30E County EDDY

General Location:

Operator: EOG RESOURCES, INC Contact: STAN WAGNER

OGRID: 7377 RULE 5.9 Compliance (Wells) 4/474 (Finan Assur) OK IS 5.9 OK? OK

Well File Reviewed ☒ Current Status:

Planned Work to Well:

Diagrams: Before Conversion ☒ After Conversion ☒ Elogs in Imaging File: ☒

Well Details:	Sizing		Setting Depths	Stage Tool	Cement Sx or Cf	Determination Method
	Hole.....	Pipe				
New ___ Existing ___ Surface	<u>14 3/4</u>	<u>12 3/4</u>	<u>390'</u>	<u>—</u>	<u>500 SX</u>	<u>CIRC</u>
New ___ Existing ___ Interm	<u>11</u>	<u>8 5/8</u>	<u>3284'</u>	<u>CB</u>	<u>700 SX</u>	<u>CIRC</u>
New ___ Existing ___ LongSt	<u>7 1/8</u>	<u>5 1/2</u>	<u>8200'</u>	<u>—</u>	<u>1270 SX</u>	<u>CIRC</u>
New ___ Existing ___ Liner						
New ___ Existing ___ OpenHole						

Depths/Formations:

	Depths, Ft.	Formation	Tops?
	<u>2500'</u>	<u>QN</u>	<input checked="" type="checkbox"/>
Formation(s) Above	<u>2865</u>	<u>GBG</u>	<input checked="" type="checkbox"/>
Injection TOP:	<u>2900</u>	<u>GBG</u>	Max. PSI <u>580</u> OpenHole <input checked="" type="checkbox"/> Perfs <input checked="" type="checkbox"/>
Injection BOTTOM:	<u>3500</u>	<u>GBG S.A.</u>	Tubing Size <u>23 1/8</u> Packer Depth <u>2900'</u>
	<u>3327</u>	<u>S.A.</u>	<input checked="" type="checkbox"/>
Formation(s) Below			

Chloride (Potash? Noticed? \_\_\_) [WIPP? Noticed? \_\_\_] Galado Top/Bot (500-1340) City House?

Fresh Water: Depths: <250' Formation OGallala / GAL Wells? NONE Analysis? \_\_\_ Affirmative Statement ☒

Disposal Fluid Analysis? ☒ Sources: B.S.

Disposal Interval: Analysis? \_\_\_ Production Potential/Testing: \_\_\_

Notice: Newspaper Date 5/10/12 Surface Owner BLM Mineral Owner(s) 5/12/12

RULE 26.7(A) Affected Persons: (Circled)

AOR: Maps? ☒ Well List? ☒ Producing in Interval? None Wellbore Diagrams? NO

.....Active Wells 1 Repairs? ? Which Wells?

.....P&A Wells 3 Repairs? ? Which Wells?

Issues: See FIRST & Report Request Sent \_\_\_\_\_ Reply: \_\_\_\_\_