

PKRVO 130445594

DHE

N/R

District I  
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

OCT 22 2001

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

APPLICATION FOR DOWNHOLE COMMINGLING

EOG RESOURCES, INC.

P. O. BOX 2267 MIDLAND, TX 79702

Operator Address

CORBIN "18" FEDERAL COM No. 1

Unit O, Sec 18, T-18 R-33

Lea

Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 7377 Property Code 27053 API No. 30 025 35321 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wildcat Strawn Corbin; Strawn, South		Corbin; Morrow, South
Pool Code	97133 <del>13300</del>		75080
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Strawn 12212-292		Morrow 13320-331
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	5,421 psig		6,234 psig
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1346 BTU/CU.FT.		oil - 44.7 @60° F gas - 1200 BTU/CU.FT.
Producing, Shut-In or New Zone	NEW ZONE		NEW ZONE
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 5-17-2001 Rates: 79 BOPD 120 MCFD	Date: Rates:	Date: 4-1-2001 Rates: 527 mcf/d 25 BOPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil <u>76%</u> Gas <u>18.5%</u>	Oil % Gas %	Oil 24 % Gas 81.5 %

changed by applicant on 2/28/02

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No

Are all produced fluids from all commingled zones compatible with each other? Yes  No

Will commingling decrease the value of production? Yes  No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bev Hatfield TITLE Senior Regulatory Admin. DATE 10-18-01

TYPE OR PRINT NAME Bev Hatfield TELEPHONE NO. (915) 686-3689

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 87240  
 District II  
 811 South First, Artesia, NM 87210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO. 30 025 35232
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. FED NM93
7. Lease Name or Unit Agreement Name: CORBIN "18" FED COM
8. Well No. 1
9. Pool name or Wildcat

**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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
 Oil Well  Gas Well  Other

2. Name of Operator  
 EOG Resources Inc.

3. Address of Operator  
 P.O. Box 2267 Midland, Texas 79702

4. Well Location  
 Unit Letter O : 1310 feet from the SOUTH line and 1980 feet from the EAST line  
 Section 18 Township 18S Range 333 NMPM County LEA

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3836 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

INTENT TO DOWNHOLE COMMINGLE CORBIN; STRAWN, SOUTH & CORBIN; MORROW, SOUTH AS FOLLOWS:

- 1) TAG CMT ON CIBP.
- 2) POOH W/2-7/8" TBG.
- 3) TST BOP'S TO 5000 PSI.
- 4) DRL THRU CIBP.
- 5) RUN PRODUCTION LOG ACROSS STRAWN & MORROW PERFS (12,212-13,544').
- 6) PLACE ON SALES.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bev Hatfield TITLE SR. REGULATORY ADMIN. DATE 10-18-01  
8-23-01

Type or print name BEV HATFIELD Telephone No. 915 686-3689

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any:

OCD  
Hobbs

Form 3160-5  
(August 1999)  
(1 original, 5 copies)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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.

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5	Lease Serial No. NM93
6	If Indian, Allottee or Tribe Name
7	If Unit or CA/Agreement, Name and/or No.
8	Well Name and No. CORBIN "18" FED COM NO. 1
9	API Well No. 30-025-35232
10	Field and Pool, or Exploratory
11	County or Parish, State LEA CO., NM

1. Type of well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG Resources, Inc.

3a. Address  
P.O. Box 2267, Midland, TX 79702

3b. Phone No. (include area code)  
915 686-3689

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1310 FSL & 1980 FEL UNIT O  
SEC. 18 T-18S R-33E

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

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 zone. 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 recompletion 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.

INTENT TO DOWNHOLE COMMINGLE CORBIN; STRAWN, SOUTH & CORBIN; MORROW, SOUTH AS FOLLOWS:

- 1) TAG CMT ON CIBP.
- 2) POOH W/2-7/8" TBG.
- 3) TST BOP'S TO 5000 PSI.
- 4) DRL THRU CIBP.
- 5) RUN PRODUCTION LOG ACROSS STRAWN & MORROW PERFS. (12212-13544).
- 6) PLACE TO SALES.

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

Bev Hatfield

Signature

Title  
Sr. Regulatory Admin.

Date  
8/22/2001

10-18-01

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 thereon.

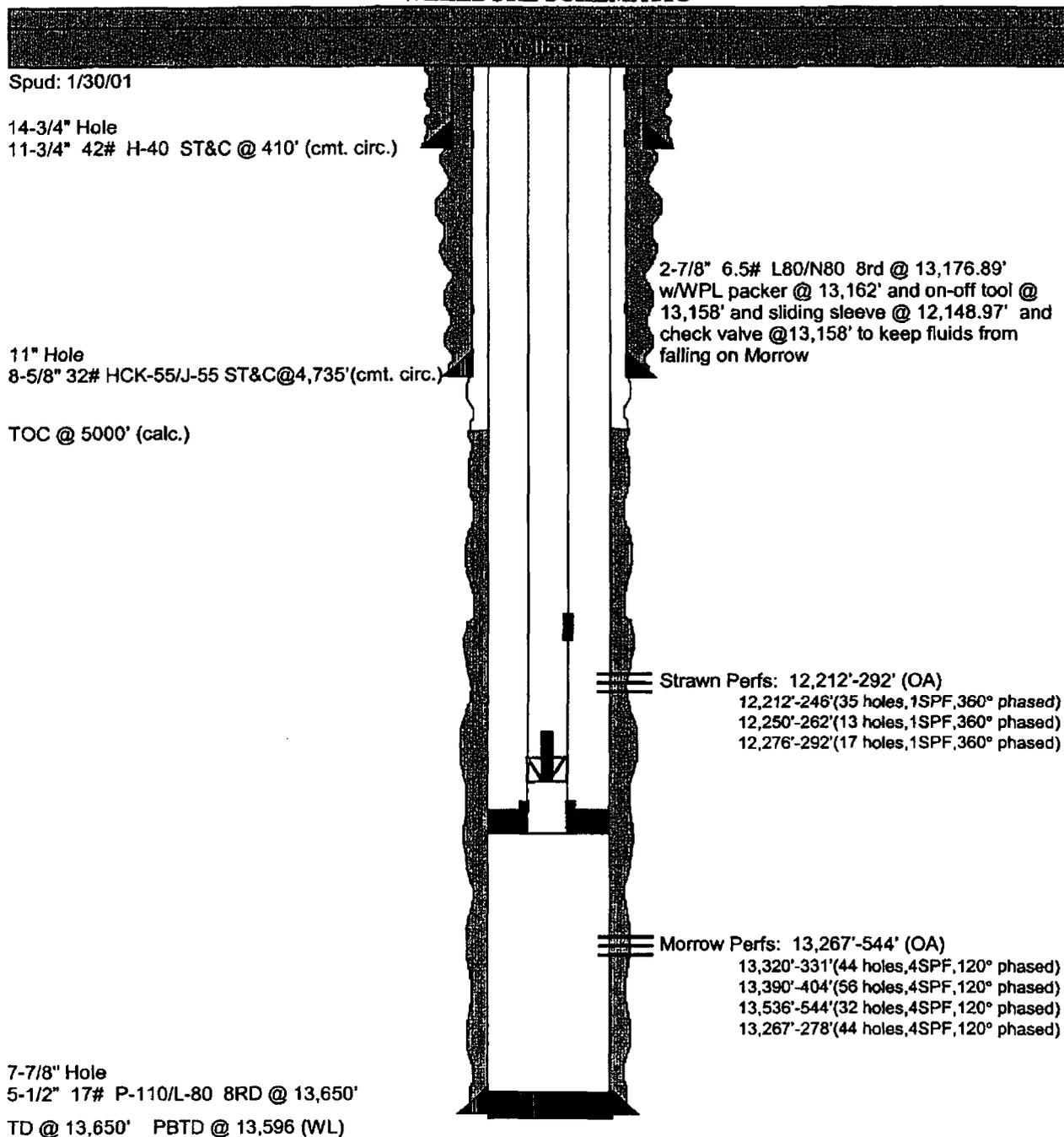
Office

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.

EOG RESOURCES, INC.  
1310' FSL & 1980' FEL  
Sec. 18-T18S-R33E

CORBIN "18" FED. COM #1  
LEA CO., NEW MEXICO  
AUGUST 16, 2001

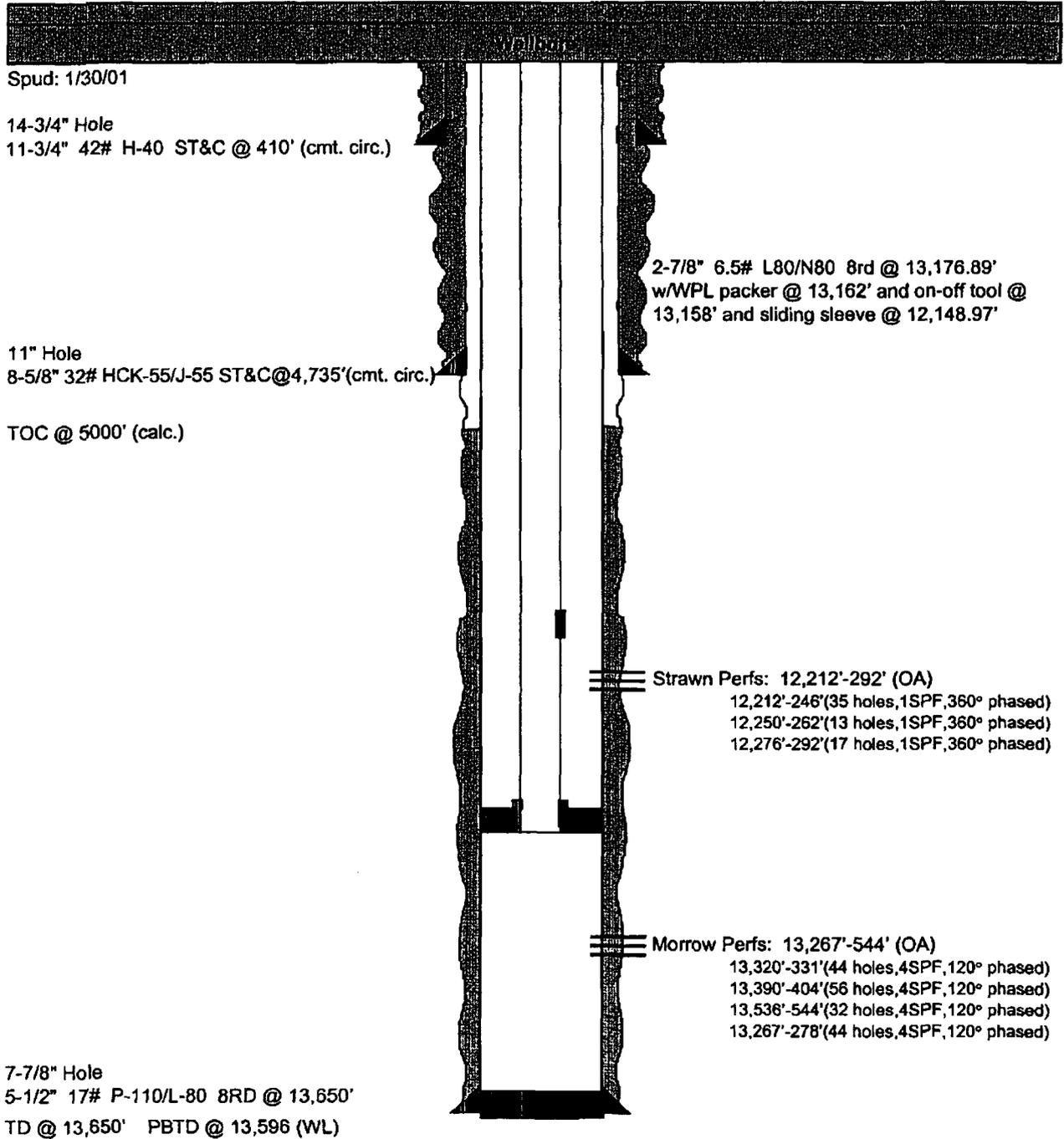
### PROPOSED WELLBORE SCHEMATIC



EOG RESOURCES, INC.  
1310' FSL & 1980' FEL  
Sec. 18-T18S-R33E

CORBIN "18" FED. COM #1  
LEA CO., NEW MEXICO  
JUNE 25, 2001

CURRENT  
WELLBORE SCHEMATIC



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**N.M. Oil Cons. Division**  
1625 N. French Dr  
Hobbs, NM 88240

**PERMITS APPROVED**  
OMB NO. 1004-0137  
Expires: November 30, 2000  
Serial No. NM93  
6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.  
8. Lease Name and Well No. Corbin "18". Fed. Com #1  
9. API Well No. 30-025-35321 S1  
10. Field and Pool, or Exploratory Corbin Morrow South  
11. Sec., T., R., M., On Block and Survey or Area Sec. 18, T18S, R33E  
12. County or Parish Lea 13. State NM  
17. Elevations (DF, RKB, RT, GL)\* 3836 GR

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator  
EOG Resources, Inc.

3. Address P.O. Box 2267, Midland, TX. 79702 3a. Phone No. (include area code) (915)886-3689

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 1310' FSL & 1980' FEL, Unit O  
At top prod. interval reported below  
At total depth same as above

14. Date Spudded 5/11/2000 1/30/2001  
15. Date T.D. Reached 3/1/2001  
16. Data Completed  D&A  Ready to Prod. 3/24/2001

18. Total Depth: MD 13650 TVD 19. Plug Back T.D.: MD 13594 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Dual Neutron; Dual Laterolog  
22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit report)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	State Cementer Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4" H40	42		410		300 Premium	640	circ	
11"	8-5/8" J55	32		4735		1300 Interfil & Prem	519	circ	
7-7/8"	5-1/2"	17		13650		1300 Prem+/50/50Poz	636	5000 - 13594	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set MD	Packer Depth (MD)
2-7/8"	12914'	13579						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
Morrow			13320-13331		11	2" csd gun w/6.5 gram charges
			13390-13401		56	4 SPF, 120 deg phasing
			13536-13544		32	
			13267-13278		44	

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/24/2001	4/3/2001	24	→	66	548	5			Flow
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
Open	700	0	→	66	548	5		flwg	Prod.

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

**ACCEPTED FOR RECORD**

AUG 23 2001

*acs*  
ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000**

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Reserv.,  
 Other

2. Name of Operator  
EOG Resources, Inc.

3. Address P.O. Box 2267, Midland, TX 79702 3a. Phone No. (include area code)  
(915)686-3689

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface 1310' FSL & 1980' FEL, Unit O  
 At top prod. interval reported below  
 At total depth same as above

5. Lease Serial No.  
NM93  
 6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No.  
Corbin "18" Fed Com #1  
 9. API Well No.  
30-025-35321  
 10. Field and Pool, or Exploratory  
Corbin; Strawn, South  
 11. Sec., T., R., M., On Block and  
Survey or Area  
Sec 18, T18S, R33E  
 12. County or Parish Lea NM  
 13. State NM  
 17. Elevations (DF, RKB, RT, GL)\*  
3836 GR

14. Date Spudded 1/30/2001 15. Date T.D. Reached 3/1/2001 16. Date Completed  
 D&A  Ready to Prod. 4/17/2001 Strawn

18. Total Depth: MD 13650 TVD 19. Plug Back T.D: MD 13212 TVD 20. Depth Bridge Plug Set: MD 13230 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Dual Neutron; Dual Laterolog  
 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit report)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	State Cementer Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4" H40	42		410		300 Premium	640	circ	
11"	8-5/8" J55	32		4735		1300 Interfil & Prem	519	circ	
7-7/8"	5-1/2"	17		13650		1300 Prem+50/50Poz	636	5000 43604	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set MD	Packer Depth (MD)
7-7/8"		13162	5-1/2"					
	13218							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
Strawn			12212-12248	34"	35	23 grams .047#
			12250-12262	12"	13	1 SPF, 320 deg phasing
			12276-12292	11"	12	

7. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12212-12292	acid frac w/4000 gal, 15% ferchek, 65,000 gal 17% ZCA, 37,000 gal treated H2O w/25% CO2.

3. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/17/2001	6/5/2001	24	→	94	422	5			Flow
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
Oct-64	330	0	→	94	422	5		flwg	Prod.

3a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

See Instructions and spaces for additional data on reverse side)

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-  
Revised February 21, 1  
Instructions on b  
Submit to Appropriate District Of  
State Lease - 4 Coj  
Fee Lease - 3 Coj

AMENDED REPO

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 75080	*Pool Name Corbin, Morrow South
*Property Code	*Property Name CORBIN "18" FEDERAL COM		*Well Number 1
*GRID No. 7377	*Operator Name EOG RESOURCES INC.		*Elevation 3836

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
XXXXX	18	18-S	33-E		1310	SOUTH	1980	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 320	*Joint or Infill	*Consolidation Code	*Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	EOG RESOURCES INC. CORBIN "18" FEDERAL COM No.1 ELEV.=3836' Y=634851.896 X=694789.478 LAT.=32°44'37.32" LONG.=103°41'56.31"			<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature: <i>Bev Hatfield</i> Printed Name: Bev Hatfield Title: Sr. Regulatory Admin. Date: 8-06-01	
1310' 1980'			<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief.		
			Date of Survey: NOVEMBER 9, 2000 Signature: <i>James E. Tompkins</i> Registered Professional Surveyor: Certificate Number: 14729		

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-104  
Revised March 25, 1999

Submit to Appropriate District Office  
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address EOG Resources, Inc. P.O. Box 2267 Midland, TX 79702		<sup>2</sup> OGRID Number 7377
<sup>4</sup> API Number 30-025-35321		<sup>3</sup> Reason for Filing Code RT 4/1/01, 3000 bbls Oil 30 MCFD
<sup>7</sup> Property Code 27053	<sup>5</sup> Pool Name Corbin Morrow South	<sup>6</sup> Pool Code 75080
	<sup>8</sup> Property Name Corbin "18" Federal Com	<sup>9</sup> Well Number 1

II. <sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	18	18	33		1310	South	1980	East	Lea

<sup>11</sup>Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
F	F								

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>18</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
022507	Equilon	2828518	O	Same as surface
036785	Duke Energy Field Services	2828519	G	Same as surface

IV. Produced Water

<sup>23</sup> POD 2828520	<sup>24</sup> POD ULSTR Location and Description
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V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBTD	<sup>29</sup> Perforations	<sup>30</sup> DHC, MC
1/30/2001	4/9/2001	13,650'	13,212	12,212-12,292	N/A
<sup>31</sup> Hole Size	<sup>32</sup> Casing and Tubing Size		<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement	
14-3/4"	11-3/4"		410	300	
11"	8-5/8"		4135	1300	
7-7/8"	5-1/2"		13,650	1300	

VI. Well Test Data

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been compiled with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Mike Francis</i> Printed Name: Mike Francis Title: Agent Date: 5/5/01	OIL CONSERVATION DIVISION Approved by: <b>Orig. Signed by Paul Kautz</b> Title: <b>Geologist</b>
	Approval Date: <b>MAY 10 2001</b>
	<sup>48</sup> If this is a change of operator fill in the OGRID number and name of the previous operator
	Previous Operator Signature _____ Printed Name _____ Title _____ Date _____

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Artec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-025-35321		'Pool Code 75080		'Pool Name Corbin; Morrow, South	
'Property Code 27053		'Property Name CORBIN "18" FEDERAL COM			'Well Number 1
'OGRID No. 7377		'Operator Name EOG RESOURCES INC.			'Elevation 3836

<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
XXXXX	18	18-S	33-E		1310	SOUTH	1980	EAST	LEA

<sup>11</sup>Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>EOG RESOURCES INC. CORBIN "18" FEDERAL COM No.1 ELEV.=3836' Y=634851.596 X=694789.478 LAT.=32°44'37.32" LONG.=103°41'59.31"</p> <p>1980'</p> <p>1310'</p>	<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Beverly Hatfield</i> Signature Beverly Hatfield Printed Name Sr. Regulatory Admin. Title 8-20-01 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief.</i></p> <p>NOVEMBER 9, 2000 Date of Survey Signature and Seal of Professional Surveyor: <i>James E. Tompkins</i> JAMES E. TOMPKINS NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 14729 Certificate Number 14729</p>

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**FORM APPROVED**  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.  
NM93

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
Corbin "18" Fed Com #1

9. API Well No.  
30-025-35321

10. Field and Pool, or Exploratory  
Corbin; Strawn, South

11. Sec., T., R., M., On Block and  
Survey or Area  
Sec 18, T18S, R33E

12. County or Parish  
Lea

13. State  
NM

17. Elevations (DF, RKB, RT, GL)\*  
3836 GR

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Reserv.,  
 Other

2. Name of Operator  
EOG Resources, Inc.

3. Address P.O. Box 2267, Midland, TX 79702 3a. Phone No. (include area code)  
(915)888-3689

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface 1310' FSL & 1980' FEL, Unit O  
 At top prod. interval reported below  
 At total depth same as above

14. Date Spudded 1/30/2001 15. Date T.D. Reached 3/1/2001 16. Date Completed  
 D&A  Ready to Prod. 4/17/2001 Strawn

18. Total Depth: MD 13850 TVD 19. Plug Back T.D.: MD 13212 TVD 20. Depth Bridge Plug Set: MD 13230 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 Dual Neutron; Dual Laterolog

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit report)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	WL (#/ft)	Top (MD)	Bottom (MD)	State Cementer Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	11-3/4" H40	42		410		300 Premium	640	circ	
11"	8-5/8" J55	32		4735		1300 Interfil & Prem	519	circ	
7-7/8"	5-1/2"	17		13650		1300 Prem-w/50/50Poz	636		13594

24. Tubing Record

Size	Depth Set	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set MD	Packer Depth (MD)
2-7/8"	(MD)	13218	5-1/2"					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Strawn			12212-12248	34"	35	23 grams .047#
B)			12250-12262	12"	13	1 SPF, 320 deg phasing
C)			12276-12292	11"	12	
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12212-12292	acid frac w/4000 gal, 15% ferchek, 65,000 gal 17% ZCA, 37,000 gal treated H2O w/25% CO2.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/17/2001	6/5/2001	24	→	94	422	5			Flow
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
Oct-64	330	0	→	94	422	5		flwg	Prod.

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc) sold

30. Summary of Porous Zones (Include Aquifers):

31. Formation (Log) Markers

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
T. Anhy	1487				
T. Yates	3088				
T. 7 Rivers	3523				
T. Queen	4213				
T. Wolfcamp	10310				
T. Strawn	12178				
T. Atoka	12561				
T. Miss	13524				
T. Delaware	5183				
T. BS	7174				

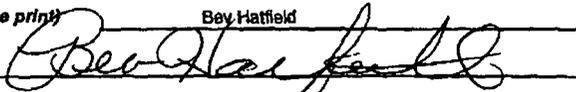
32. Additional remarks (include plugging procedure):

Initially Completed in the Corbin Morrow South. Plugged back to Corbin Strawn South : Set CIBP @ 13230' dump bailed 18' cmt on top. PBD @ 13,212.

33. Circle enclosed attachments

- 1. Electrical/Mechanical Logs (1 full set req'd)
- 2. Geologic Report
- 3. DST Report
- 4. Directional
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Name (please print) Ben Hatfield Title Regulatory  
 Signature  Date 8/20/2001

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.

District I  
1825 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised March 25, 1999

District II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco  
Santa Fe, NM 87505

5 Copies

District IV  
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address EOG Resources, Inc. P.O. Box 2267 Midland, TX 79702		<sup>2</sup> OGRID Number 7377
		<sup>3</sup> Reason for Filing Code
<sup>4</sup> API Number 30-025-35321	<sup>5</sup> Pool Name Corbin; Strawn, South	<sup>6</sup> Pool Code 13300
<sup>7</sup> Property Code 27053	<sup>8</sup> Property Name Corbin #18* Fed Com	<sup>9</sup> Well Number 1

II. <sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	18	18S	33E		1310 FSL	South	1980	East	Lea

<sup>11</sup>Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
F	F								
<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				
F	F								

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
36785	Duke Energy Field Services	2828518	G	Same as surface
22607	Equilon	2828519	O	Same as surface

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
2828520	

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBTD	<sup>29</sup> Perforations	<sup>30</sup> DHC, MC
1/30/2001	4-17-01 (Strawn)	13,650	13212	12,212-292	na
<sup>31</sup> Hole Size	<sup>32</sup> Casing and Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		
14-3/4"	11-3/4"	410	300		
11"	8-5/8"	4135	1300		
7-7/8"	5-1/2"	13,650	1300		

VI. Well Test Data

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
4/17/2001		8/5/2001	24 hrs	330	0
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method
10/64"	94	5	422		

<sup>47</sup>I hereby certify that the rules of the Oil Conservation Division have been compiled with and that the information given above is true and complete to the best of my knowledge and belief.  
Signature: *Bev Hatfield*  
Printed Name: Bev Hatfield  
Title: Regulatory  
Date: 8/20/2001 | Phone: 915-686-3689

OIL CONSERVATION DIVISION  
Approved by:  
Title:  
Approval Date:

<sup>48</sup>If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-025-35321		*Pool Code 13300		*Pool Name CORBIN; STRAWN, SOUTH	
*Property Code 27053		*Property Name CORBIN "18" FEDERAL COM			*Well Number 1
*OCRID No. 7377		*Operator Name EOG RESOURCES INC.			*Elevation 3836

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
XXXXX	18	18-S	33-E		1310	SOUTH	1980	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 320	*Joint or InHH	*Consolidation Code	*Order No.
-------------------------	----------------	---------------------	------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	<p>EOG RESOURCES INC. CORBIN "18" FEDERAL COM No.1 ELEV.-3836" Y-834861.696 X-694789.478 LAT.-32°44'37.32" LONG.-103°41'59.31"</p>	1980'	1310'	17 OPERATOR CERTIFICATION
				<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Beverly Hatfield</i> Signature Beverly Hatfield Printed Name Sr. Regulatory Admin. Title 8-20-01 Date</p>
				18 SURVEYOR CERTIFICATION
				<p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief.</p> <p>NOVEMBER 9, 2000 Date of Survey</p> <p>Signature of <i>James E. Tompkins</i> Registered Professional Surveyor:  </p> <p>Certificate Number 14729</p>

SCANNED

P. O. BOX 1468  
MONAHANS, TEXAS 79756  
(915) 943-3234 or 563-1040

**Martin Water Laboratories, Inc.**

WATER CONSULTANTS SINCE 1953  
BACTERIAL AND CHEMICAL ANALYSES

709 W. INDIANA  
MIDLAND, TEXAS 79701  
(915) 683-4521

July 20, 2001

CORBIN 18 F.C. #1

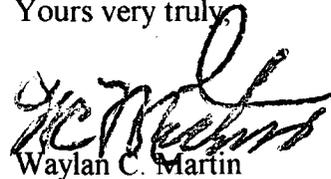
Mr. Lee Roark  
EOG Resources, Inc.  
P.O. Box 2267  
Midland, TX 79702-2267

Dear Mr. Roark:

This letter is in response to your request for a compatibility study between the Morrow and Strawn waters as they are represented in our cataloged records in the South Corbin field area. It should be noted that we only have Morrow recorded in the South Corbin field proper and our Strawn is drawn from records in the nearby South Hackberry field.

We have carefully studied our records and have identified no evidence of any incompatibility to be expected from the mixing of Morrow and Strawn based on the evidence available. This is to say that we would expect no precipitation or scaling to result from the mixing of these two waters.

Yours very truly,



Waylan C. Martin

WCM/sb



**Laboratory Services, Inc.**

4016 Fiesta Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

83081042

**FOR:** EOG Resources Inc.  
Attention: Mr. Don Pitts  
5628 Tatum Hwy.  
Lovington, New Mexico 88260

**SAMPLE:** Sta. #83081042  
**IDENTIFICATION:** Corbin 18 Fed. Com #1  
**COMPANY:** EOG Resources  
**LEASE:**  
**PLANT:**

**SAMPLE DATA:** **DATE SAMPLED:** 5/10/01  
**ANALYSIS DATE:** 5/14/01  
**PRESSURE - PSIG:** 15  
**SAMPLE TEMP. °F:**  
**ATMOS. TEMP. °F:** 65

**GAS (XX):** LIQUID ( )  
**SAMPLED BY:** Doug Burt  
**ANALYSIS BY:** Roland Perry

**REMARKS:** MORROW

**COMPONENT ANALYSIS**

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	4.075	
Carbon Dioxide (CO2)	9.530	
Methane (C1)	54.359	
Ethane (C2)	14.529	3.876
Propane (C3)	9.501	2.639
I-Butane (IC4)	1.103	0.360
N-Butane (NC4)	3.295	1.037
I-Pentane (IC5)	0.704	0.257
N-Pentane (NC5)	0.851	0.318
Hexane Plus (C6+)	1.923	0.595
	<u>100.000</u>	<u>9.322</u>
		<b>MOLECULAR WT. 28.1359</b>
BTU/CU.FT. - DRY	1348	
AT 14.650 DRY	1342	
AT 14.650 WET	1318	
AT 14.73 DRY	1349	
AT 14.73 WET	1326	
<b>SPECIFIC GRAVITY -</b>		
<b>CALCULATED</b>	0.967	
<b>MEASURED</b>		



**Laboratory Services, Inc.**

4016 Fiesta Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

83081042

**FOR:** EOG Resources Inc.  
Attention: Mr. Dirk Ellison  
P. O. Box 3229  
Carlsbad, New Mexico 88220

**SAMPLE:**  
**IDENTIFICATION:** Corbin 18 Fed. Com. #1  
**COMPANY:** EOG Resources Inc.  
**LEASE:**  
**PLANT:**

**SAMPLE DATA:** DATE SAMPLED: 6/8/01  
ANALYSIS DATE: 6/8/01  
PRESSURE - PSIG 50  
SAMPLE TEMP. °F 61  
ATMOS. TEMP. °F

**GAS (XX) LIQUID ( )**  
**SAMPLED BY:** B. Pena-Pro Well  
**ANALYSIS BY:** Vickie Biggs

**REMARKS:** Sample taken @ the meter run.  
Crude Oil API Gravity @ 60° F = 44.7

Strawn

**COMPONENT ANALYSIS**

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	1.067	
Carbon Dioxide (CO2)	1.420	
Methane (C1)	81.115	
Ethane (C2)	9.835	2.491
Propane (C3)	4.222	1.161
I-Butane (IC4)	0.466	0.152
N-Butane (NC4)	1.045	0.329
I-Pentane (IC5)	0.222	0.081
N-Pentane (NC5)	0.236	0.085
Hexane Plus (C6+)	0.872	0.878
	<u>100.000</u>	<u>4.677</u>
BTU/CU.FT. - DRY	1200	MOLECULAR WT. 20.6187
AT 14.650 DRY	1196	
AT 14.650 WET	1175	
AT 14.73 DRY	1208	
AT 14.73 WET	1182	
SPECIFIC GRAVITY -		
CALCULATED	0.710	
MEASURED		

**Corbin 18 F.C. No.1**  
**Supporting Production Data**

**Morrow\***

Date	MCFD	BOPD
3/31/2001	539	23
4/1/2001	527	25
4/2/2001	544	25
4/3/2001	548	26

\*Test data: Stabilized 24 hr. rates.

**Strawn\*\***

Date	MCFD	BOPD
5/17/01	120	79
5/20/01	110	48
5/21/01	120	46

\*\*Well cannot lift fluid

To Whom It May Concern:

AN APPLICATION FOR DOWNHOLE COMMINGLING FORM C 107-A:  
SUNDRY NOTICE:

FOR THE:

CORBIN "18" FED COM NO. 1  
CORBIN; STRAWN, SOUTH, 13300 & THE  
CORBIN; MORROW, SOUTH, 75080

WAS SENT BY CERTIFIED MAIL TO:

NEW MEXICO STATE LAND OFFICE  
CERTIFIED MAIL: 38430178

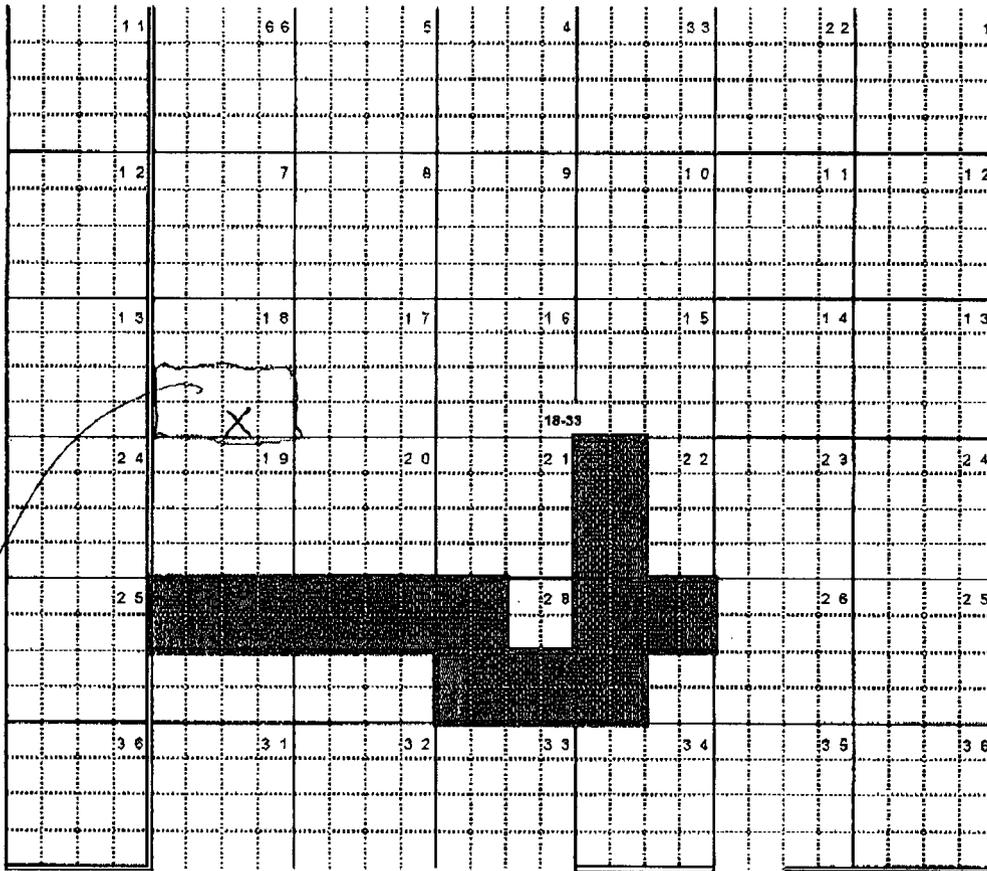
OCD – SANTA FE  
CERTIFIED MAIL: 38430154

OCD – HOBBS  
CERTIFIED MAIL: 38430161

BLM – ROSWELL  
CERTIFIED MAIL: 75549627

ON OCTOBER 18, 2001.

  
\_\_\_\_\_  
BEVERLY HATFIELD  
SENIOR REGULATORY ADMINISTRATOR  
EOG RESOURCES, INC.



wildcat Strawn

92133

Page: 1 Document Name: untitled

CMD :  
OG6POOL

ONGARD  
MAINTAIN POOL

10/04/01 13:01:10  
OGOPK -TPIO

Pool Code : 97133 Pool Name : WILDCAT ~~6-09~~ S1933180;STRAWN (GAS)  
OCD Order No : R 0  
Pool Type : O (O/G/A) Pool Creation Date : 04-01-2001  
Pool Region : S (N/S) Last Updation Date : 04-01-2001

Special Pool Rules :  
Oil Well Spacing : ~~40 (Acres)~~ Gas Well Spacing : 320 (Acres)  
Orthodox Well Locn : 330 (Ft from end line) 330 (Ft from side line)  
330 (Ft from nearest well) 330 (Ft from Q/Q line)  
Top Unit Allowable : 365 (BOPD)  
Casinghead Gas Limit : 750 (MCFD)  
Gas-Oil Limit : 2000  
Depth Bracket : 12999 (Feet)

Prorated Gas (Y/N) : Acre Basis : 100.00 (in %)  
Deliv Basis : (in %)  
Simultaneous Dedication Allowed (Y/N) : Y

M0015: Table update is successful.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 PF08 PF09 COMMENT PF10 PF11 PF12

Form 3160-4  
August 1999  
(1 original, 7 copies)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**N.M. Oil Cons. Division**  
FORM APPROVED  
1625 N. French Dr.  
Hobbs, NM 88240  
SMB No. 1004-0137  
Expires December 30, 2000

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Reserv., Other

2. Name of Operator  
EOG Resources, Inc.

3. Address P.O. Box 2267, Midland, TX 79702 3a. Phone No. (include area code) (915)698-3669

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface 1310' FSL & 1980' FEL, Unit O  
 At top prod. interval reported below  
 At total depth same as above

14. Date Spudded 1/30/2001 15. Date T.D. Reached 3/1/2001 16. Date Completed  D&A  Ready to Prod. 4/17/2001 Strawn

17. Lease Serial No. NM93  
 18. Lease Name and Well No. Corbin #18 Fed Com #1  
 19. API Well No. 30-025-35321  
 20. Field and Pool, or Exploratory Corbin; Strawn, South  
 21. Sec., T., R., M., On Block and Survey or Area Sec 18, T18S, R33E  
 22. County or Parish Lea 23. State NM  
 24. Elevations (OF, RKB, RT, GL)\* 3886 GR

18. Total Depth: MD 13650 TVD 13216 19. Plug Back T.D: MD 13230 TVD 13230  
 20. Depth Bridge Plug Set: MD 13230 TVD 13230

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 Dual Neutron; Dual Laterolog

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit report)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	State Cementer Depth	No of Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top"	Amount Pulled
14-3/4"	11-3/4" H40	42		410		300 Premium	640	circ	
11"	9-5/8" J55	32		4735		1300 Interfil & Prem	519	circ	
7-7/8"	5-1/2"	17		19850		1300 Prem+/50/50Poz	636	5000 33504	

24. Tubing Record

Size	Depth Set	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set MD	Packer Depth (MD)
2-7/8"	(MD)	13216	5-1/2"					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Strawn			12212-12248	34"	35	23 grams .047#
B)			12250-12262	12"	13	1 SPF, 320 deg phasing
C)			12276-12292	11"	12	
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12212-12292	acid frac w/4000 gal. 15% ferchek, 65,000 gal 17% ZCA, 37,000 gal treated H2O w/25% CO2.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/17/2001	6/5/2001	24	→	94	422	5		53.0	Flow
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Prod.
Oct-64	330	0	→	94	422	5		flwg	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

(See instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD  
 OCT 10 2001  
 GARY GOURLEY  
 PETROLEUM ENGINEER

*K2*



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

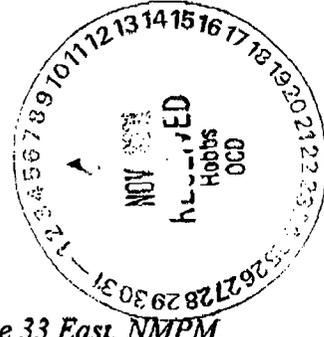
**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

## ADMINISTRATIVE ORDER DHC-2970

EOG Resources, Inc.  
P. O. Box 2267  
Midland, Texas 79702

Attention: Ms. Bev Hatfield



*CORBIN "18" FEDERAL COM No. 1  
API No. 30-025-35321  
Unit O, Section 18, Township 18 South, Range 33 East, NMPM,  
Lea County, New Mexico.  
South Corbin Strawn (Oil - 13300) and  
South Corbin Morrow (Oil - 75080) Pools*

Dear Ms. Hatfield:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C.(1), each of the commingled pools shall be allowed to produce up to the top oil allowable and top casinghead gas allowable applicable for that pool.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

South Corbin Strawn Pool	Oil-76%	Gas-18.5%
South Corbin Morrow Pool	Oil-24%	Gas-81.5%

*Administrative Order DHC-2970  
EOG Resources, Inc.  
October 31, 2001  
Page 2*

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REMARKS: The operator shall notify the Hobbs District Office of the Division upon implementation of commingling operations.

Pursuant to Rule 303.C.(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 31st day of October 2001.

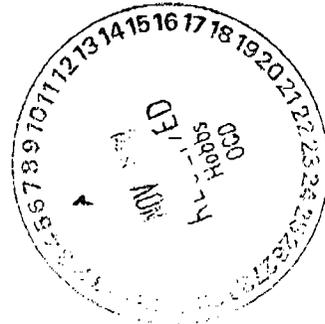
STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*Lori Wrottenberg*  
LORI WROTENBERY  
Director

SEAL

LW/RE

cc: Oil Conservation Division - Hobbs  
Bureau of Land Management





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
Betty Rivera  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

2/26/02

Oil Conservation Division  
1220 S. Francis Drive  
Santa Fe, NM 87505

RE: Proposed:

- MC \_\_\_\_\_
- DHC \_\_\_\_\_
- NSL \_\_\_\_\_
- NSP \_\_\_\_\_
- SWD \_\_\_\_\_
- WFX \_\_\_\_\_
- PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

EOG Resources Inc West Corbin Federal # 18-F 18-18s-33e  
Operator Lease & Well No. Unit S-T-R Api # 3D-025-3D72b

and my recommendations are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Chris Williams  
Supervisor, District 1