



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

11/13/01

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DHC-2970

RE: Proposed:

MC _____
DHC X _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

EOG Resources Inc Corbin 18 Federal Com #1-6-18-18s-33e
Operator Lease & Well No. Unit S-T-R 30-025-35321

and my recommendations are as follows:

pressure in lower zone is higher than .477 psi per foot.

Yours very truly,

Chris Williams
Chris Williams
Supervisor, District 1

District I
1625 N French Drive, Hobbs, NM 88240

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

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 0, 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	Corbin; Strawn, South		Corbin; Morrow, South
Pool Code	13300		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 mcfd 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 Gas 76 % 18.5 %	Oil Gas % %	Oil Gas 24 % 81.5 %

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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.)		WELL API NO. 30 025 35232
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator EOG Resources Inc.		6. State Oil & Gas Lease No. FED NM93
3. Address of Operator P.O. Box 2267 Midland, Texas 79702		7. Lease Name or Unit Agreement Name: CORBIN "18" FED COM
4. Well Location Unit Letter <u>O</u> : <u>1310</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>EAST</u> line Section <u>18</u> Township <u>18S</u> Range <u>333</u> NMPM County <u>LEA</u>		8. Well No. <u>1</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3836 GR		9. Pool name or Wildcat

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input 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 recompletion.

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 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:

OCU
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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

FORM APPROVED

OMB NO. 1004-0135

Expires: November 30, 2000

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"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	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 recompleate 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

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

Bev Hatfield

Title

Sr. Regulatory Admin.

Date

8/22/2001

FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

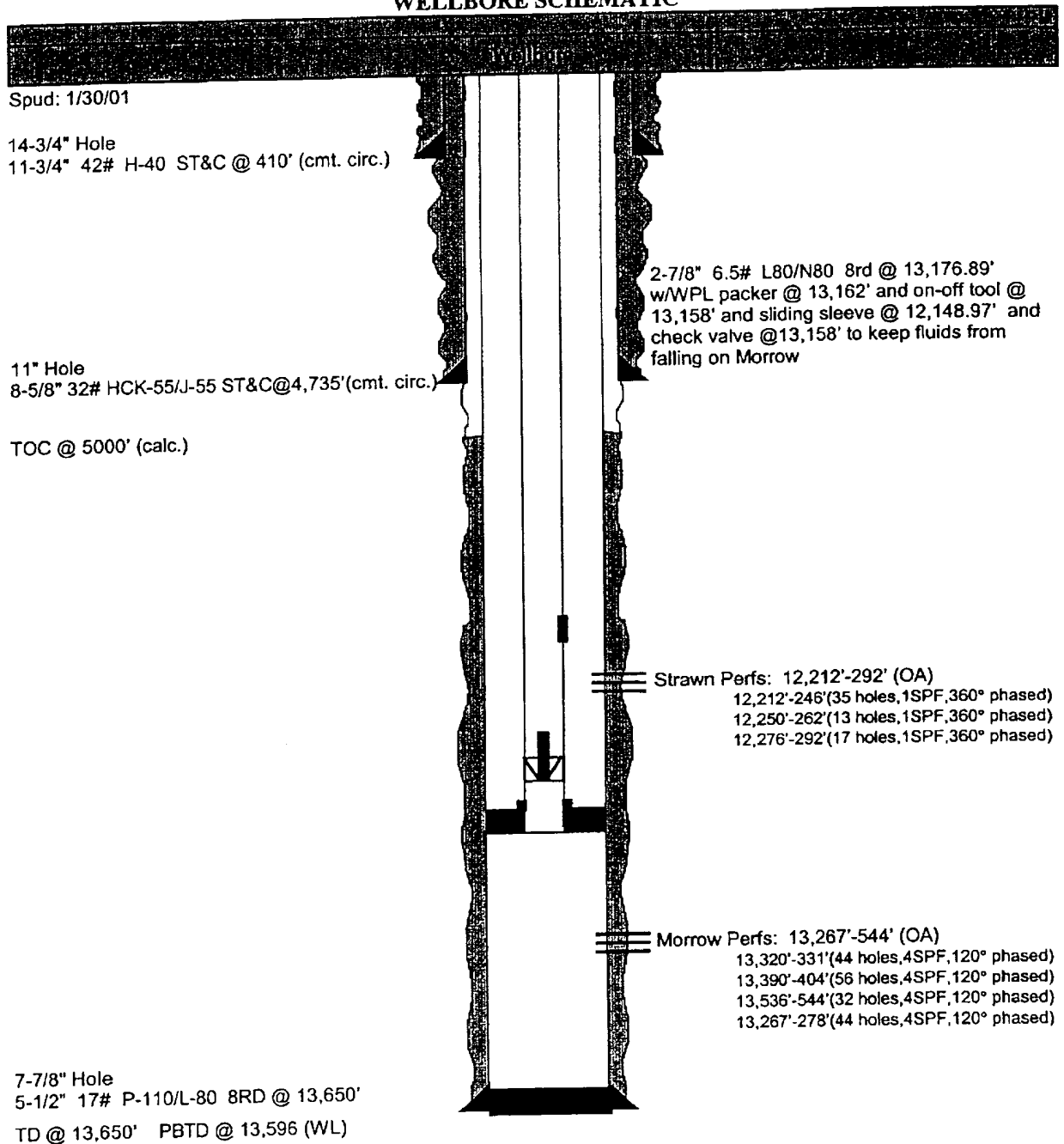
Office

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

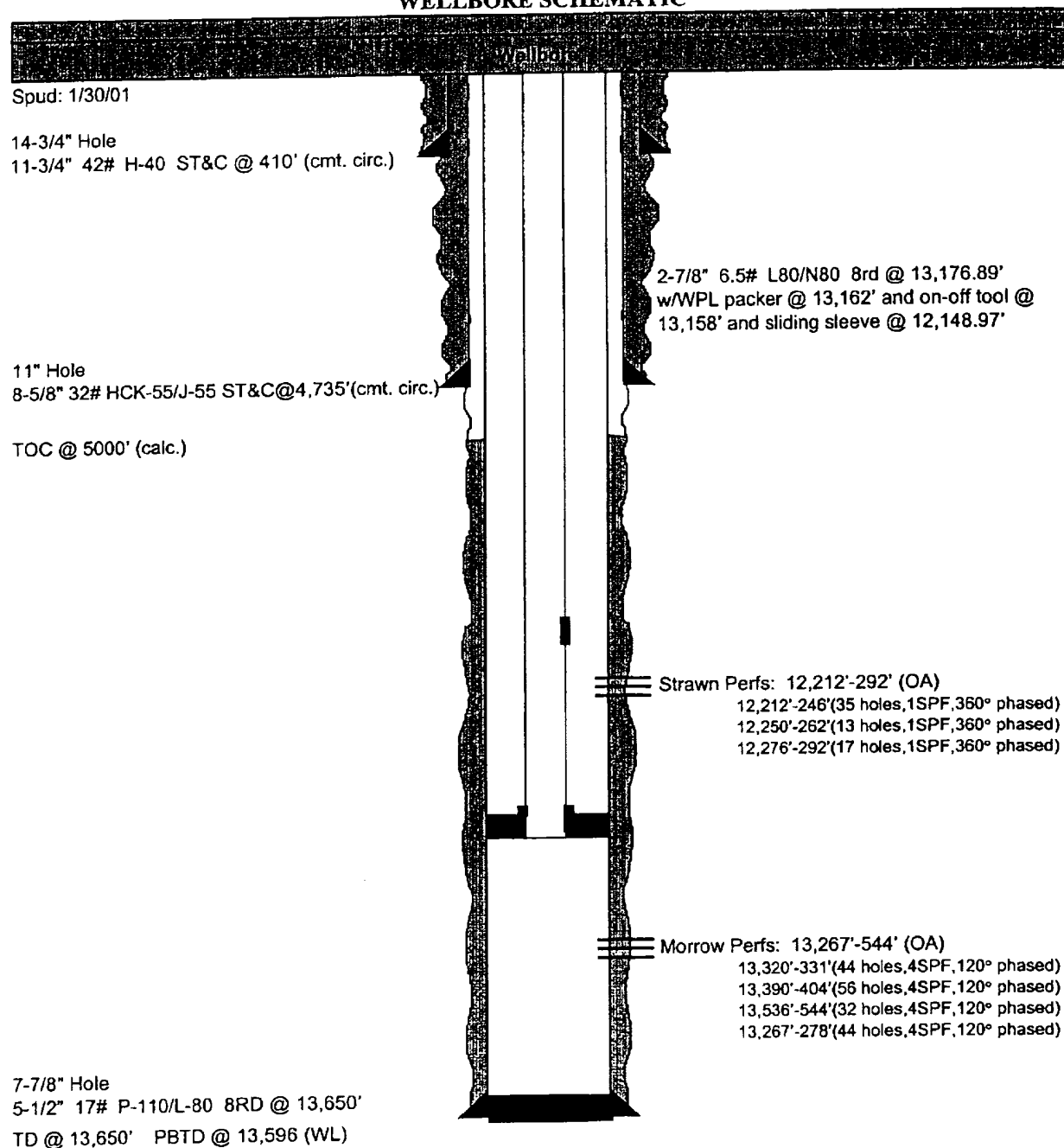
PROPOSED
WELLBORE SCHEMATIC



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

Permit 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. 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)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

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

18. Total Depth: MD 13650 19. Plug Back T.D.: MD 13594 20. Depth Bridge Plug Set: MD
TVD 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	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set MD	Packer Depth (MD)
2-7/8"	(MD)	13579						
	12914'							

25. Producing Intervals

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

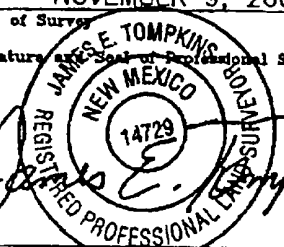
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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

ACCEPTED FOR RECORD

AUG 23 2001

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

16		<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 style="text-align: right;"><i>Bev Hatfield</i></p> <p>Signature _____</p> <p style="text-align: center;">Bev Hatfield</p> <p>Printed Name _____</p> <p style="text-align: center;">Sr. Regulatory Admin.</p> <p>Title _____</p> <p style="text-align: center;">8-06-01</p> <p>Date _____</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>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 style="text-align: center;">NOVEMBER 9, 2000</p> <p>Date of Survey _____</p> <p>Signature _____</p> <p style="text-align: center;">  </p> <p>Certificate Number _____</p> <p style="text-align: right;">14729</p>

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

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

II. 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

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

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

18. Transporter OGRID	19. Transporter Name and Address	20. POD	21. O/G	22. 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

23. POD	24. POD ULSTR Location and Description
2828520	

V. Well Completion Data

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

VI. Well Test Data

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

47. 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:

Mike Francis

Printed Name:

Mike Francis

Title:

Agent

Date:

5/5/01

Phone:

915/686-3714

OIL CONSERVATION DIVISION

Approved by:

Orig. Signed by
Paul Kautz

Title:

Geologist

Approval Date:

MAY 10 2001

48. 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 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

¹⁰ Surface Location

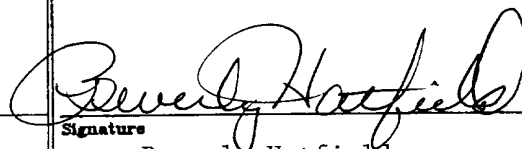
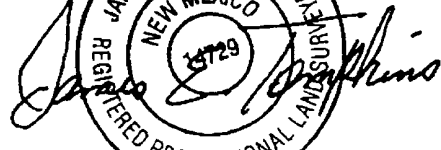
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
XXXXX	18	18-S	33-E		1310	SOUTH	1980	EAST	LEA

¹¹ 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.
-------------------------	------------------	---------------------	------------

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

<div>16</div> <div>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"</div> <div>1310'</div> <div>1980'</div>	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div> Signature Beverly Hatfield Printed Name Sr. Regulatory Admin. Title 8-20-01 Date</div>
	<div>18 SURVEYOR CERTIFICATION</div> <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> <div>NOVEMBER 9, 2000 Date of Survey Signature of Registered Professional Surveyor:  James E. TOMPKINS NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 14729 Certificate Number</div>

(August 1999)

(1 original, 7 copies)

**UNITED STATES
DEPARTMENT OF THE INTERIOR**

BUREAU OF LAND MANAGEMENT**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

FORM APPROVED

OMB NO. 1004-0107

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. 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)688-3689

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

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

3836 GR

14. Date Spudded
1/30/200115. Date T.D. Reached
3/1/200118. Date Completed
☐ D&A ☒ Ready to Prod.

4/17/2001 Strawn

18. Total Depth: MD
TVD

13850

19. Plug Back T.D.: MD
TVD

13212

20. Depth Bridge Plug Set: MD
TVD

13230

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Dual Neutron; Dual Laterolog

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	crc	
7-7/8"	5-1/2"	17		13850		1300 Prem+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)	13162	5-1/2"					
	13218							

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):

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.

31. Formation (Log) Markers

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) Bay Hatfield

Signature 

Title Regulatory

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
1625 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

2040 South Pacheco

Submit to Appropriate District Office

5 Copies

District III

1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, NM 87505

District IV

2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

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

II. ¹⁰Surface 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

¹¹Bottom Hole Location

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

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
36785	Duke Energy Field Services	2828518	G	Same as surface
22507	Equilon	2828519	O	Same as surface

IV. Produced Water

²³ POD 2828520	²⁴ POD ULSTR Location and Description
------------------------------	--

V. Well Completion Data

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

VI. Well Test Data

³⁵ Date New Oil 4/17/2001	³⁶ Gas Delivery Date	³⁷ Test Date 6/5/2001	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure 330	⁴⁰ Csg. Pressure 0
⁴¹ Choke Size 10/64"	⁴² Oil 94	⁴³ Water 5	⁴⁴ Gas 422	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷I hereby certify that the rules of the Oil Conservation Division have been complied 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

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

⁴⁸If this is a change of operator fill in the OGRID number and name of the previous operator:

Previous Operator Signature

Printed Name

Title

Date

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
'OGRID No. 7377	'Operator Name EOG RESOURCES INC.		'Elevation 3836

¹⁰ Surface Location

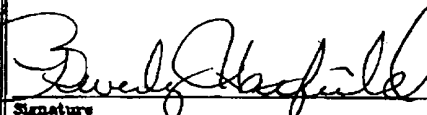

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line	Feet from the East/West line	County
xxxxx	18	18-S	33-E		1310	1980	LEA

¹¹ 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	"Joint or Infill	"Consolidation Code	"Order No.
320			

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>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></p> <p>Signature _____</p> <p>Beverly Hatfield</p> <p>Printed Name _____</p> <p>Sr. Regulatory Admin.</p> <p>Title _____</p> <p>8-20-01</p> <p>Date _____</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>1310'</p> <p>1980'</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</p> <p>Date of Survey _____</p> <p>Signature  _____</p> <p>James E. Tompkins NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 14729</p> <p>Certificate Number _____</p> <p>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

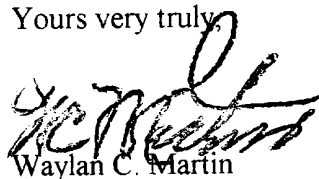
Mr. Lee Roark
EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702-2267

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: Rolland Perry

REMARKS: MORROW

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	4.075	
Carbon Dioxide (CO2)	9.530	
Methane (C1)	54.369	
Ethane (C2)	14.529	3.878
Propane (C3)	9.601	2.639
I-Butane (IC4)	1.103	0.860
N-Butane (NC4)	3.293	1.037
I-Pentane (IC5)	0.704	0.237
N-Pentane (NC5)	0.861	0.318
Hexane Plus (C6+)	1.923	0.895
	100.000	9.322
BTU/CU.FT. - DRY	1346	MOLECULAR WT. 28.1359
AT 14.650 DRY	1342	
AT 14.650 WET	1318	
AT 14.73 DRY	1349	
AT 14.73 WET	1326	
SPECIFIC GRAVITY -		
CALCULATED	0.967	
MEASURED		

**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: 6/6/01
ANALYSIS DATE: 6/6/01
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
	100.000	4.677

BTU/CU.FT. - DRY 1200
AT 14.650 DRY 1196
AT 14.650 WET 1175
AT 14.73 DRY 1203
AT 14.73 WET 1182

MOLECULAR WT. 20.6187

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:

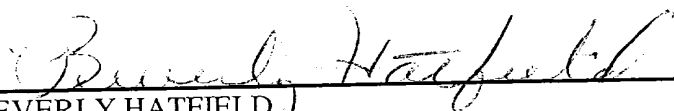
NEW MEXICO STATE LAND OFFICE
CERTIFIED MAIL: 38430178

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.