

District I
1625 N. French Dr., 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

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address EOG Resources, Inc. PO Box 2267 Midland texas 79702		² OGRID Number 7377
³ Property Code 25580	⁴ Property Name State 16	⁵ API Number 30-25-30262
⁹ Proposed Pool 1 Corbin Bone Spring, South		⁶ Well No. 2
¹⁰ Proposed Pool 2		

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	18	33		657	South	1982	West	Lea

8 Proposed 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
P	16	18	33		800	South	330	East	Lea

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3855
¹⁶ Multiple N	¹⁷ Proposed Depth 9530	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date 10/1/04
Depth to Groundwater 100'		Distance from nearest fresh water well 1000' +		Distance from nearest surface water 1000' +
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume 3000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Re-Completion

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5	13.375	54.5	350	370	0
12.5	9.625	36	2910	1085	0
7.875	5.5	17	13640	1940	2914
4.75	3.5	9.3	8993	175	8993

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

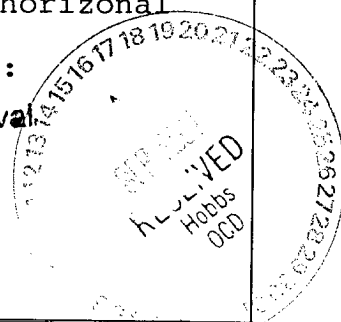
Set CIBP @ ±9118. Set whipstock, drill out casing, Drill horizontal lateral to BHL.

Well currently has producing perforation @ 10876-10948:
11192-11256; 11400-11434

BOP diagram attached

Mud system- Brine/Polymer

Permit Expires 1 Year From Approval
Data Unless Drilling Underway
Horizontal



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Approved by:

Printed name: Mike Francis

Title:

Title: Agent

Approval Date:

Expiration Date:

E-mail Address: mike_francis@eogresources.com

Date: 9/14/2004

Phone: 432 686-3714

Conditions of Approval Attached SEP 24 2004

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

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

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

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

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-25-30262	² Pool Code 13160	³ Pool Name Corbin Bone Spring, South
⁴ Property Code 25580	⁵ Property Name STATE "16"	⁶ Well Number 2
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3855'

¹⁰ Surface Location

UL or lot no. N	Section 16	Township 18 SOUTH	Range 33 EAST, N.M.P.M.	Lot Idn	Feet from the 657'	North/South line SOUTH	Feet from the 1982'	East/West line WEST	County LEA
--------------------	---------------	----------------------	----------------------------	---------	-----------------------	---------------------------	------------------------	------------------------	---------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. P	Section 16	Township 18 SOUTH	Range 33 EAST, N.M.P.M.	Lot Idn	Feet from the 800'	North/South line SOUTH	Feet from the 330'	East/West line EAST	County LEA
¹² Dedicated Acres 120	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

<div><p>¹⁶</p></div>	<div><p>¹⁷ OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><p><i>Mike Francis</i> Signature Mike francis Printed Name Agent Title 9/14/2004 Date</p><p>¹⁸ SURVEYOR CERTIFICATION</p><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 the best of my belief.</p><p>SEPTEMBER 2, 2004 Date of Survey Signature and Seal of Professional Surveyor Certificate Number V. L. BEZNER R.P.S. #7920 JOB #97491 / 72NW / E.U.O.</p></div>
---------------------------------	--

EOG Resources, Inc.

State 16 No.2 Well

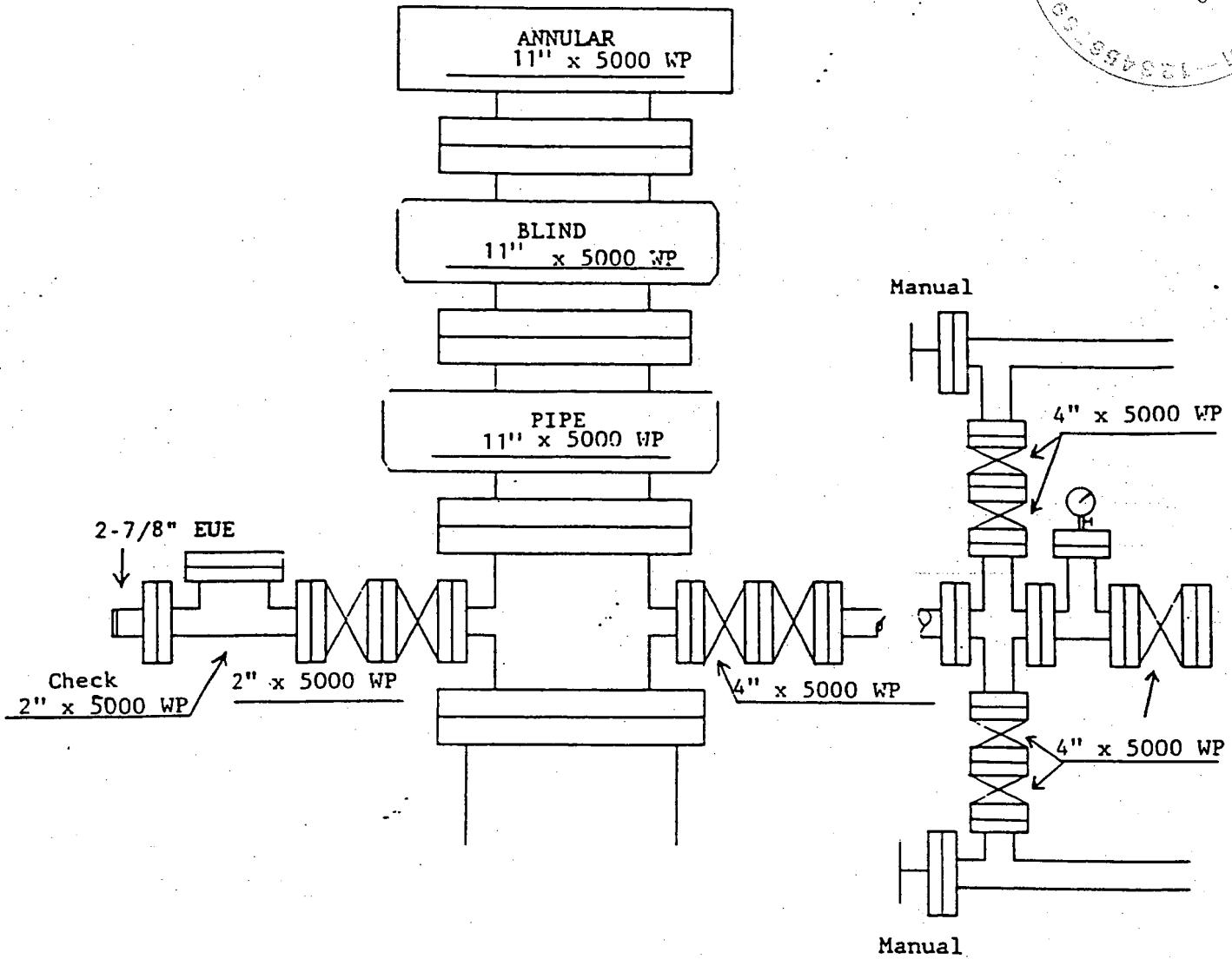


Exhibit 1