

N.M. Oil Cons. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 07 2005

ODD-ARTESIA

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone

2. Name of Operator

EOG Resources, Inc.

7377

3a. Address

P.O. Box 2267 Midland, TX 79702

3b. Phone No. (include area code)

(432) 686-3714

4. Location of Well (Report location clearly and in accordance with any State requirements.)

SUBJECT TO LIKE APPROVAL BY STATE

At surface 1074' FSL & 1703' FEL (U/L O)

At proposed prod. Zone 660' FNL & 1880' FEL (U/L B)

14. Distance in miles and direction from nearest town or post office*

4 Mi. SW from Artesia NM

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. Unit line, if any)

16. No. of Acres in lease
1,360

17. Spacing Unit dedicated to this well
320 ac. E/2

18. Distance from proposed location*
to nearest well, drilling, completed
applied for, on this lease, ft.

19. Proposed Depth
TVD 5200
TMD 8500

20. BLM/BIA Bond No. on file
NM2308

21. Elevations (Show whether DF, KDB, RT, GL, etc)
Gr 3722

22. Approximate date work will start*
5/20/2005

23. Estimated duration
30 days

24. Attachments

The following completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office)

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above)

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Mike Francis

Name (Printed/Typed)

Mike Francis

Date

3/29/2005

Title Agent

Approved by (Signature)

/s/ Tony J. Herrell

Name (Printed/Typed)

/s/ Tony J. Herrell

Date

JUL 06 2005

Title

FIELD MANAGER

Office

CARLSBAD FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Kearney Controlled Water Basin

WITNESS: 11 3/4" CEMENT JOBS

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

Grand Avenue, Artesia, NM 88210 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	² Pool Code 96623	³ Pool Name Undos. Collins Ranch; Wolfcamp, NE
⁴ Property Code	⁵ Property Name DANUBE "14" Fed COM	⁶ Well Number 1H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3722'

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
0	14	17 SOUTH	24 EAST, N.M.P.M.		1074'	SOUTH	1703'	EAST	EDDY

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
B	14	17 SOUTH	24 EAST, N.M.P.M.		660'	NORTH	1880'	EAST	EDDY
¹² Dedicated Acres 320	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

¹⁶	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Mike Francis</i> Signature Mike Francis Printed Name Agent Title 3/30/2005 Date ¹⁸ 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 the best of my belief. Date of Survey Signature and Seal of Professional Surveyor V. LYNN BEZNER NO. 7920 PROFESSIONAL LAND SURVEYOR <i>V. Lynn Bezner</i> Certificate Number V. L. BEZNER R.P.S. #7920 JOB #101798 / 101 SE / E.U.O.
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DRILLING PROGRAM

EOG RESOURCES, INC.
Danube 14 Fed Com No. 1H
Eddy Co. NM

1. GEOLOGIC NAME OF SURFACE FORMATION:

Quaternary Alluvium 0-200

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

San Andres	595'
Glorieta	1,965'
Tubb	3,256'
Abo Shale	3,945'
Wolfcamp Pay	4,995'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Quaternary Alluvium	0- 200'	Fresh Water
San Andres	595'	Oil
Glorieta	1,965'	Oil/Gas
Tubb	3,256'	Oil/Gas
Abo/Wolfcamp Pay	4,995'	Gas

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 11-3/4" casing at 350' and circulating cement back to surface, and 8-5/8" casing will be set at 1200' with cement circulated back to surface

4. CASING PROGRAM

	Hole Size	Interval	OD Casing	Weight	Grade	Jt. Conn. Type
WITNESS	* 14-3/4"	0-350' 800'	11-3/4"	42#	H-40	ST&C
	11"	0-1200'	8-5/8"	32#	J-55	LT&C
	7-7/8"	0-8500'	5-1/2"	17#	P-110	LT&C

Cementing Program:

11-3/4" Surface Casing: Cement to surface with 100 sx Prem Plus, 3% Econolite, 2% Calcium Chloride, 0.25#/sx Flocele; 150 sx Prem Plus, 2% Calcium Chloride, 0.25#/sx Flocele

8-5/8" Intermediate: Cement to surface with 175 sx Interfill C, .25#/sx flocele; 200 sx Premium Plus, 1% Calcium Chloride

5-1/2" Production Cement w/350sx Interfill C, + .25#/sx Flocele; 400 sx premium Cement, 100% Acid soluble Additive, .6% Halad-344 + .8% Econolite + .2% HR-55. This cement slurry is designed to bring TOC to 700'.

DRILLING PROGRAM

EOG RESOURCES, INC.
Danube 14 Fed Com No. 1H
Eddy Co. NM

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

(SEE EXHIBIT #1)

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000-psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All BOP's and accessory equipment will be tested in accordance with Onshore Oil & Gas order No. 2. EOG request authorization to use a 2M system, providing for an annular preventer to be used prior to drilling the surface casing shoe before drilling out of surface casing. Before drilling out of 1st intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/~~1000~~ psi and the annular to 3500/~~5000~~ psig pressure. ⁵⁰⁰⁰
₁₀₀₀

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

The well will be drilled to TD with a combination of brine, cut brine, and polymer mud system. The applicable depths and properties of this system are as follows:

Depth	Type	Wt (PPG)	Viscosity (sec)	Waterloss (cc)
0-350' ⁸⁵⁵	Fresh Water (Spud Mud)	8.6-8.8	28-34	N/c
350'-1200' ⁸⁰⁰	Brine	10.0-10.2	28-34	N/c
1,200'-4400'	Cut Brine	8.8-9.2	28-34	N/c
4,400'-5,100'	Cut Brine	8.8-9.2	28-34	10-15
4,400'-8,500'	Polymer (Lateral)	9.0-9.4	40-45	10-25

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

(A) A kelly cock will be kept in the drill string at all times.

(B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.

(C) A mud logging unit complete with H2S detector will be continuously monitoring drilling penetration rate and hydrocarbon shows from 5000' to TD.

DRILLING PROGRAM

**EOG RESOURCES, INC.
Danube 14 Fed Com No. 1H
Eddy Co. NM**

8. LOGGING, TESTING AND CORING PROGRAM:

Electric logging will consist of GR-Dual Laterlog-MSFL and GR-Compensated Density-Neutron from TD to intermediate casing with a GR- Compensated Neutron ran from Intermediate casing to surface..

Possible sidewall cores based on shows.

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom hole temperature (BHT) at TD is 125 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 5000 psig. No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. No major loss circulation zones have been reported in offsetting wells.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 30-60 days will be required for completion and testing before a decision is made to install permanent facilities.

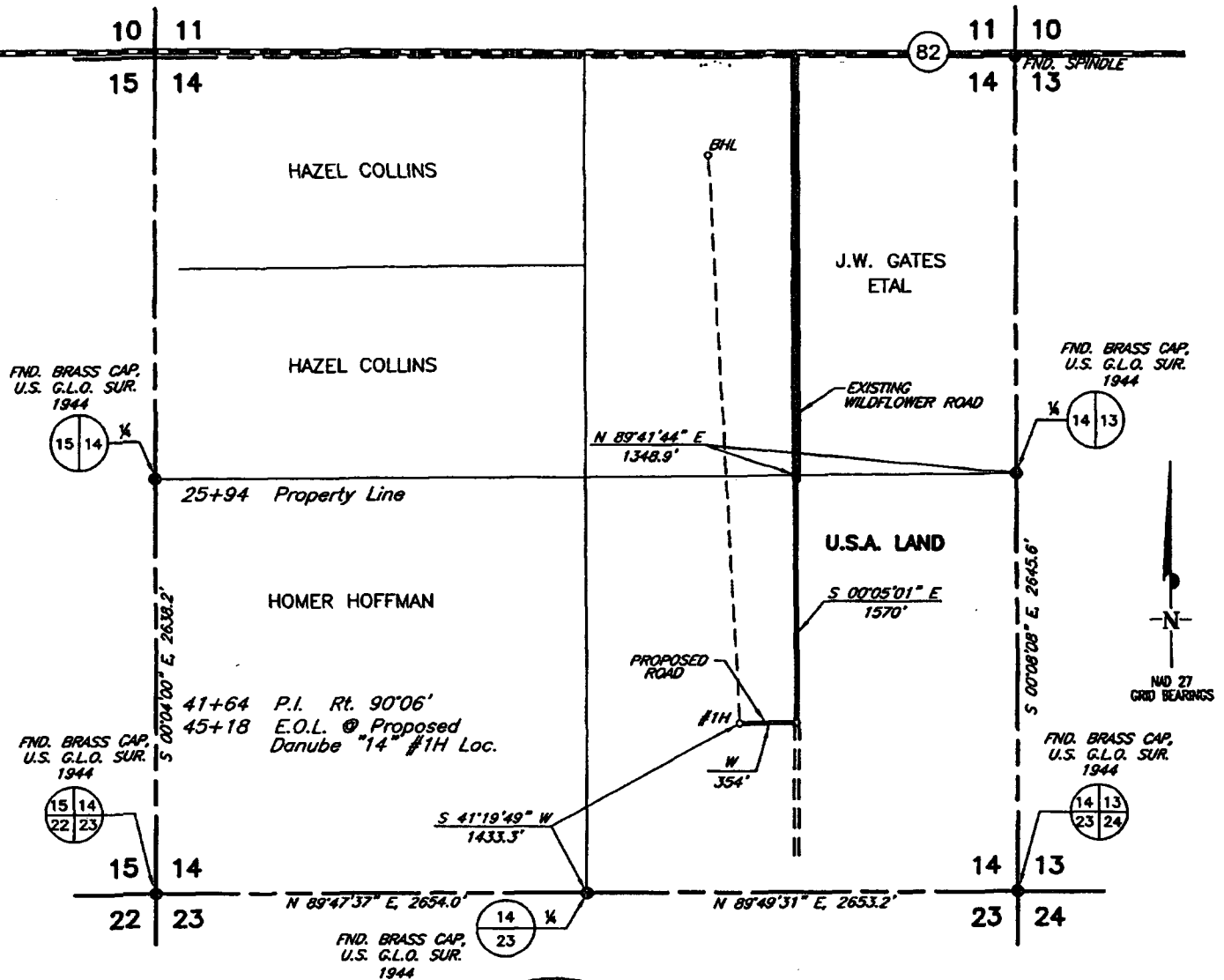
DRILLING PROGRAM

**EOG RESOURCES, INC.
Danube 14 Fed Com No. 1H
Eddy Co. NM**

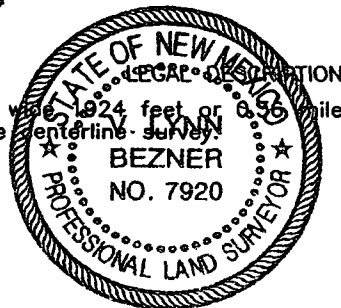
ATTACHMENT TO EXHIBIT #1

1. Wear ring to be properly installed in head.
2. Blow out preventer and all fittings must be in good condition, 5000 psi W.P. minimum. Exhibit #1.
3. All fittings to be flanged
4. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 5000 psi W.P. minimum.
5. All choke and fill lines to be securely anchored especially ends of choke lines.
6. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
7. Kelly cock on kelly.
8. Extension wrenches and hand wheels to be properly installed.
9. Blow out preventer control to be located as close to driller's position as feasible.
10. Blow out preventer closing equipment to include minimum 40-gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.

SECTION 14, TOWNSHIP 17 SOUTH, RANGE 24 EAST, N.M.P.M., EDDY COUNTY NEW MEXICO



A strip of land 30.0 feet wide, 1924 feet or 0.56 miles in length and being 15.0 feet Left and 15.0 feet Right of the above centerline survey.

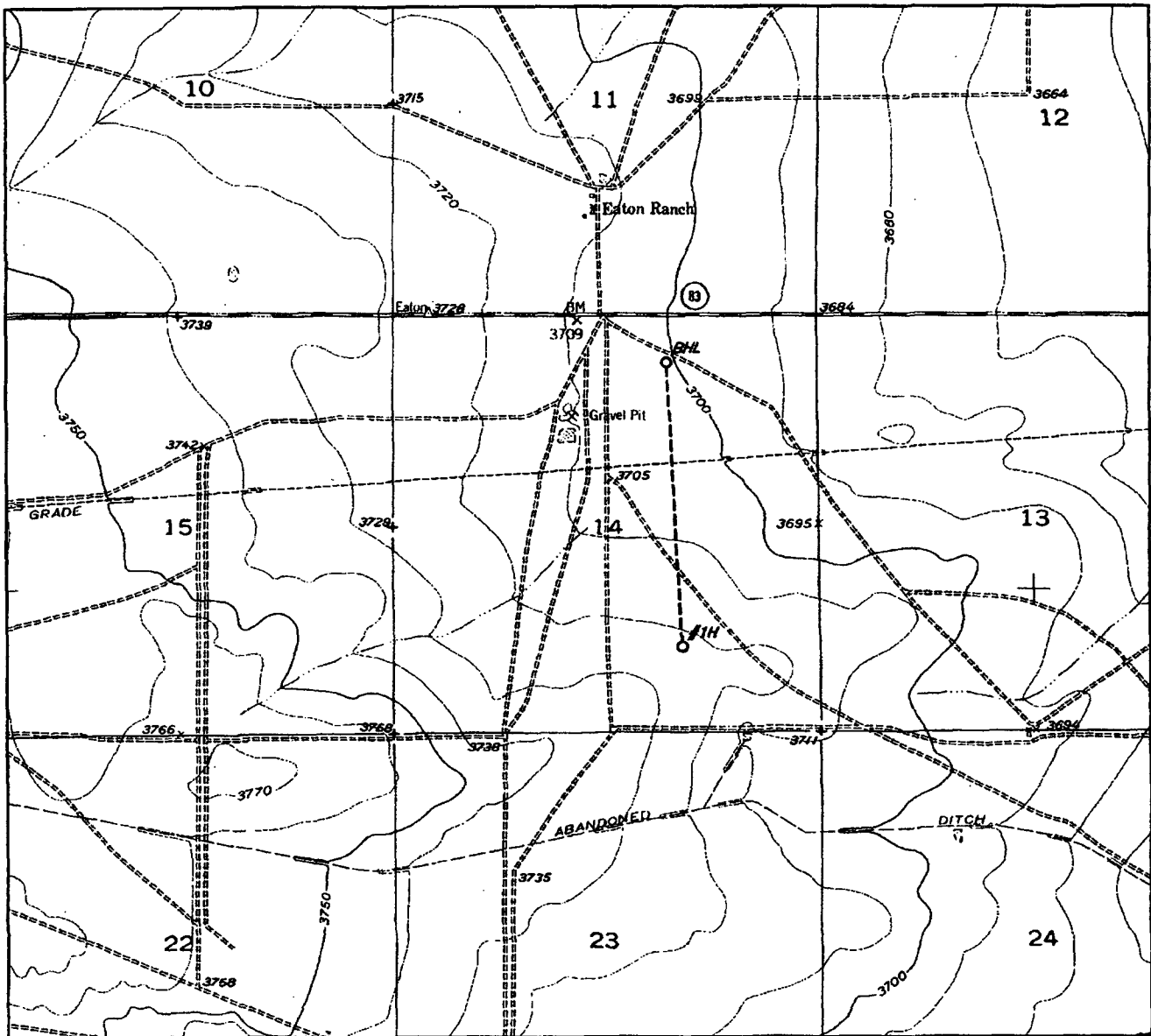


I HEREBY CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

V. Lynn Bezner
V. Lynn Bezner

				EOG RESOURCES, INC.	SCALE: 1" = 1000'
NO.	REVISION	DATE	BY		DATE: MARCH 8, 2005
SURVEYED BY: J.T.				SURVEYING AND MAPPING BY TOPOGRAPHIC LAND SURVEYORS MIDLAND, TEXAS	JOB NO.: 101798-RD2
DRAWN BY: E.U.O.					QUAD NO.: 101SE
APPROVED BY: V.L.B.					SHEET : 2 OF 2

LOCATION & ELEVATION VERIFICATION MAP



SCALE : 1" = 2000' CONTOUR INTERVAL 5 FEET

SECTION 14 TWP 17-S RGE 24-E
 SURVEY NEW MEXICO PRINCIPAL MERIDIAN
 COUNTY EDDY STATE NM
 DESCRIPTION 1074' FSL & 1703' FWL
 ELEVATION 3551'

OPERATOR EOG RESOURCES INC.
 LEASE DANUBE "14" Fed COM #1H

U.S.G.S. TOPOGRAPHIC MAP
HOPE SE, NEW MEXICO

LAT. LAT.: N 32.83125
 LONG. LONG.: W 104.55577



TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us.

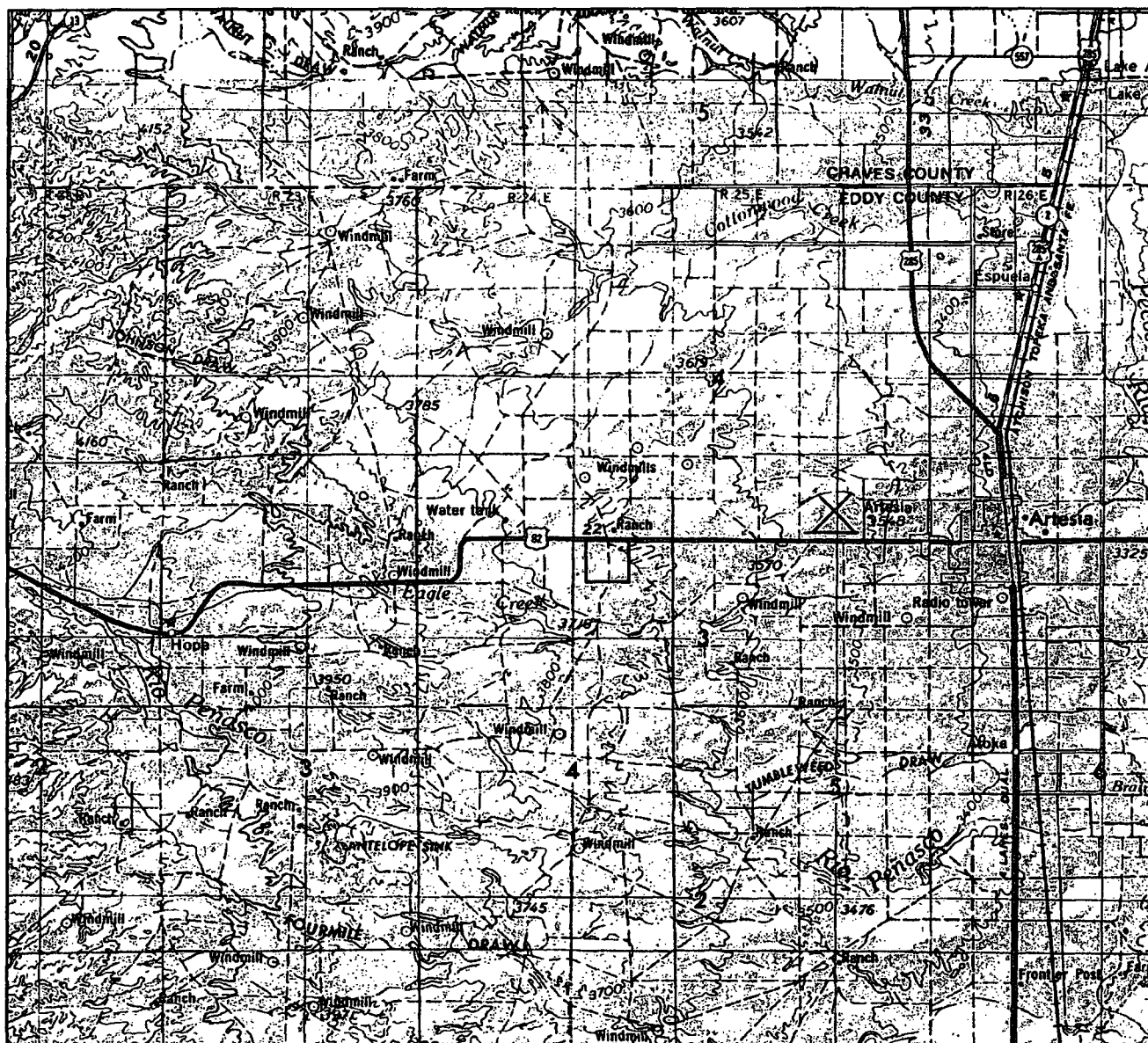
Review this plat and notify us immediately of any possible discrepancy.

1307 N. HOBART
 PAMPA, TX. 79065
 (800) 658-6382

6709 N. CLASSEN BLVD.
 OKLAHOMA CITY, OK. 73116
 (800) 654-3219

2903 N. BIG SPRING
 MIDLAND, TX. 79705
 (800) 767-1653

VICINITY MAP



SECTION 14 TWP 17-S RGE 24-E
 SURVEY NEW MEXICO PRINCIPAL MERIDIAN
 COUNTY EDDY STATE NM
 DESCRIPTION 1074' FSL & 1703' FEL
 OPERATOR EOG RESOURCES INC.
 LEASE DANUBE "14" FedCOM #1H

DISTANCE & DIRECTION FROM ARTESIA GO WEST ON HWY. 82
7.5 MILES, THENCE SOUTH ON WILDFLOWER ROAD 0.8 MILES
TO A POINT ±350 WEST OF THE LOCATION.



TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

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Review this plot and notify us immediately of any possible discrepancy.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Div-Dist. 2
1201 W. Grand Avenue
Alamosa, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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)

1074 FSL & 1703 FEL, U/L O Sec 14, T17S, R24E
660 FNL & 1880 FEL, U/L B Sec 14, T17S, R24E

5. Lease Serial No.

NMM 108958

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Damube 14 Fed Com 1

9. API Well No.

30-015-34198

10. Field and Pool, or Exploratory Area

Collins Ranch; Wolfcamp NE

11. County or Parish, State

Eddy 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

Spud & Casing

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.)

8/10/05 Spud well @ 6:00 AM

8/12/05 Ran 21 jts 8 5/8", 32#, J-55 surface casing set @ 925'.

Cemented w/ 600 sx Class C + additives 12.8 ppg, 2.12 cu.ft./sx lead slurry; 200 sx Class C + additives 14.8 ppg, 1.35 cu.ft./sx tail slurry. No cement circ. Notified BLM. Ran temperature survey, TOC @ 200'.

8/13/05 RU 1 1/4" tubing, mix and pump 70 bbl viscous sweep containing 10 sx each of paper and cottonseed hulls + 5 sx of Baro-Seal. Pumped 200 sx of Class C + 3% CaCl2. Lost returns. RIH and tag @ 65'. Pumped 25 bbls w/ same LCM blend as before. Pumped 14 bbls Class C + 3% CaCl2 cement. Circ 5 bbls clean cement.

8/15/05 Tested casing to 2000 psi for 30 min. Test good.

ACCEPTED FOR RECORD

AUG 30 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Stan Wagner

Title

Regulatory Analyst

Date

8/25/05

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

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Alamogordo, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

DEC - 7 2005

COO-ANTHESIA

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
BOG 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)
1074 FSL & 1703 FEL, U/L O Sec 14, T17S, R24E
852 FNL & 1851 FEL, U/L B Sec 14, T17S, R24E

5. Lease Serial No.

NMM 108958

6. If Indian, Allottee or Tribe Name

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

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Darube 14 Fed Com 1

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30-015-34198

10. Field and Pool, or Exploratory Area

Collins Ranch, Wolfcamp NE

11. County or Parish, State

Elddy 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 | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | <u>completion</u> |
| ☐ Convert to Injection | ☐ Plug Back | ☐ 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 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.)

9/07/05 TD @ 8184 MD

9/10/05 Ran 194 jts 5 1/2", 17 #, P-110 casing set @ 8179'.

Cemented w/ 700 sx 50:50 POZ C, 11.9 ppg, 2.52 cuft/sx; 275 sx Class C, 14.5 ppg, 3.98 cuft/sx. CIRC 35 bbls. Rig release @ 8:00 P.M.

10/17/05 MIRU completion rig.

10/19/05 Tested casing to 2500 psi for 30 min. Test good.

10/20/05 Perforated 8030-8032, 7699-7702, 7399-7402, total 48 holes.

10/21/05 Rig down. Waiting on frac date.

11/01/05 Rig up for frac.

11/02/05 Frac w/ 133 bbls 15% HCL acid, 4414 bbls fresh water, 96541 lbs 100 mesh sand & 52889 lbs 30/70 mesh sand.

Perforated 7150-6700, 48 holes.

Frac w/ 134 bbls 15% HCL acid, 4179 bbls fresh water, 94508 lbs 100 mesh sand & 52916 lbs 30/70 mesh sand.

Perforated 6350-5900, 48 holes.

ACCEPTED FOR RECORD

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

Stan Wagner

Title

Regulatory Analyst

Date

11/17/05

DEC - 5 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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UNITED STATES
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| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Convert to Injection | ☐ Plug Back | ☐ 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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports 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 final site is ready for final inspection.)

11/02/05 Frac w/ 148 hbbs 15% HCL acid, 4840 hbbs fresh water, 97218 lbs 100 mesh sand & 52717 lbs 30/70 mesh sand.

11/03/05 Perforated 5750-5350, 48 holes.

Frac w/ 108 hbbs 15% HCL acid, 3508 hbbs fresh water, 36509 lbs 100 mesh sand & 38527 lbs 30/70 mesh sand.

11/05/05 Drill out composite bridge plugs and clean out.

11/07/05 Flow back to clean up well.

11/14/05 Turned to sales.

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

Stan Wagner

Title

Regulatory Analyst

Date **11/17/05**

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.

UNITED STATES M. Oil Cons. DIV-Dist. 2
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 88210

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. MM 108958							
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator EOG Resources Inc.		7. Unit or CA Agreement Name and No.							
3. Address P.O. Box 2267 Midland, Texas 79702		8. Lease Name and Well No. Darube 14 Fed Com 1							
3a. Phone No. (include area code) 432 686 3689		9. API Well No. 30-015-34198 51							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1074' FSL & 1703' FEL U/L O At top prod. interval reported below At total depth 852' FML & 1851' FEL U/L B		10. Field and Pool, or Exploratory Collins Ranch; Wolfcamp NE Gas							
14. Date Spudded 8/10/05		11. Sec., T., R., M., or Block and Survey or Area Sec 14, T17S, R24E							
15. Date T.D. Reached 9/7/05		12. County or Parish Eddy							
16. Date Completed ☐ D & A ☒ Ready to Prod. 11/14/05		13. State TX							
18. Total Depth: MD 8184 TVD 4926		17. Elevations (DF, RKB, RT, GL)* 3722 GR							
19. Plug Back T.D.: MD 4926 TVD		20. Depth Bridge Plug Set: MD 4926 TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)							
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	8 5/8	32		925		1058 C		Surface	
7 7/8	5 1/2	17		8179		975 C		Surface	
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 3/8	4600								
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Wolfcamp	5350		7399-8032	0.48"	48	Producing			
B)			6700-7150	0.48"	48				
C)			5900-6350	0.48"	48				
D)			5350-5750	0.48"	48				
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
7402-8032	Frac w/ 133 bbls 15% HCL, 4414 bbls FW, 96541 # 100 mesh & 52889 # 30/70 sand								
6700-7150	Frac w/ 134 bbls 15% HCL, 4179 bbls FW, 94508 # 100 mesh & 52916 # 30/70 sand								
5900-6350	Frac w/ 148 bbls 15% HCL, 4840 bbls FW, 97218 # 100 mesh & 52717 # 30/70 sand								
5350-5750	Frac w/ 108 bbls 15% HCL, 3508 bbls FW, 36509 # 100 mesh & 38527 # 30/70 sand								
28. Production - Interval A									
Date First Produced 11/14/05	Test Date 11/28/05	Hours Tested 24	Test Production →	Oil BBL 0	Gas MCF 880	Water BBL 38	Oil Gravity	Gas Gravity .640	Production Method Flowing
Choke Size Open	Tbg. Press. Flwg. SI	Csg. Press. 350	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status PGW	DEC - 5 2005
28a. Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method DCP
Choke Size SI	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	ALEXIS C. SWOBODA PETROLEUM ENGINEER

(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	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	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	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
RECEIVED OCT 1 1992 CARLSBAD FIELD OFFICE				San Andres	528
				Glorieta	1900
				Upper Clearfork	2533
				Tubb	3206
				Lower Clearfork	3335

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

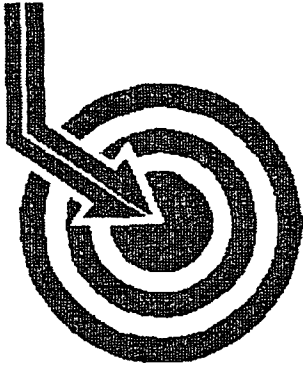
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Stan WagnerTitle Regulatory Analyst

Signature


Date 11/29/05

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.



Scientific Drilling

E.O.G.

Field: Wildcat
Site: Eddy County, NM
Well: Danube 14 Fed Com #1H
Wellpath: VH - Job #32K0805612
Survey: 08/20/05

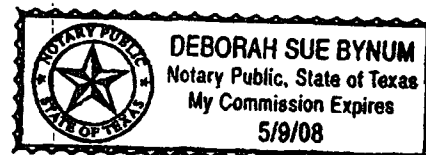
RECEIVED
DEC - 7 2005
OCD-AT/ESIA

This survey is correct to the best of my knowledge
and is supported by actual field data.

Deborah Sue Bynum.....Company Representative

Notorized this date 15th of September, 2005.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: E.O.G.
 Field: Wildcat
 Site: Eddy County, NM
 Well: Danube 14 Fed Com #1H
 Wellpath: VH - Job #32K0805612

Date: 9/14/2005
 Co-ordinate(NE) Reference:
 Vertical (TVD) Reference:
 Section (VS) Reference:
 Survey Calculation Method:

Time: 22:08:20
 Site: Eddy County, NM, True North
 SITE 0.0
 Well (0.00N, 0.00E, 190.68Az)
 Minimum Curvature

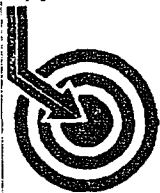
Page: 1
 Db: Sybase

Survey: 08/20/05
 KSRG 0'-4678'
 Company: Scientific Drilling Internatio
 Tool: Keeper, Keeper Surface Readout Gyro

Start Date: 8/20/2005
 Engineer: Gonzales w/Rotary
 Tied-to: From Surface

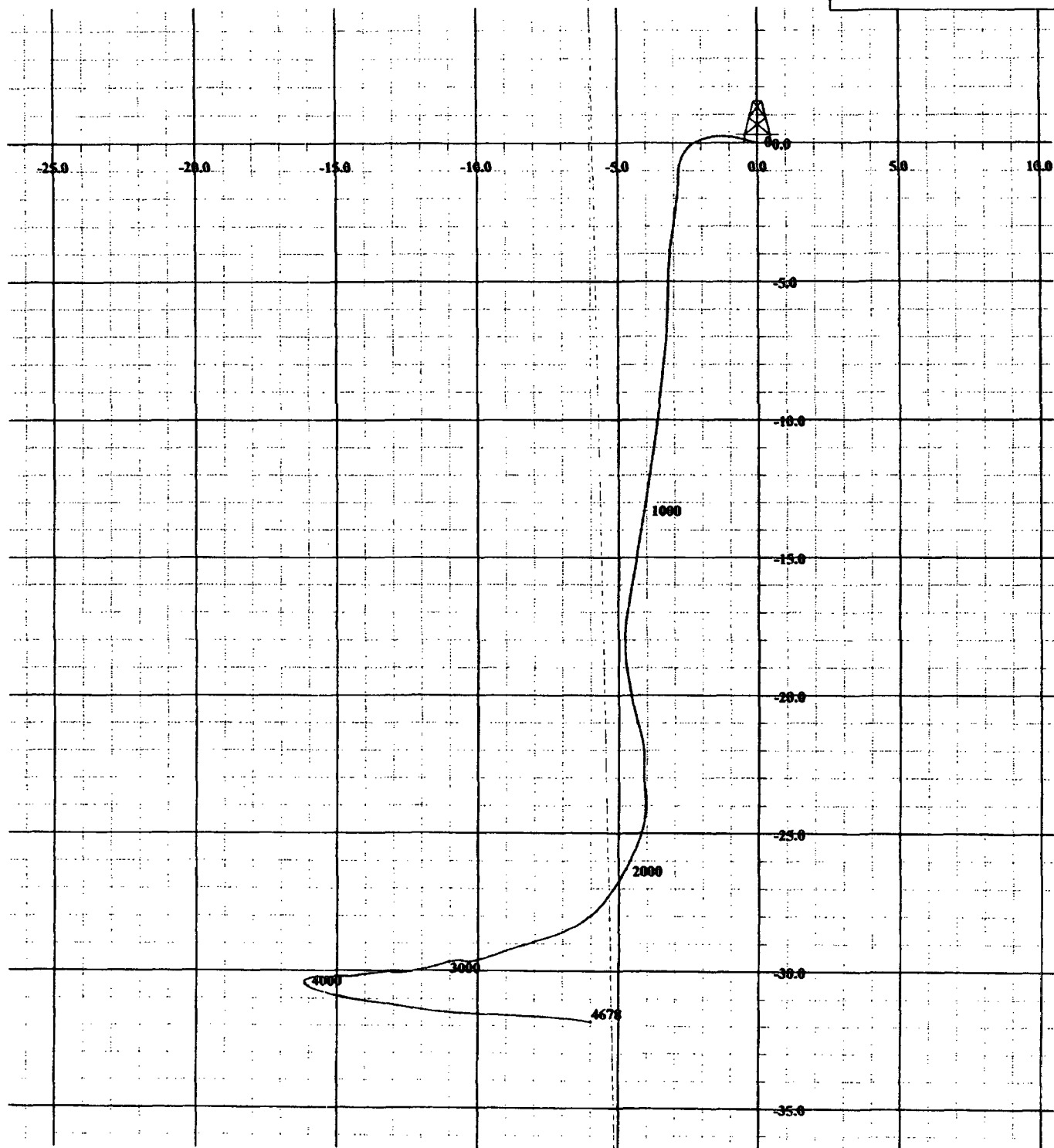
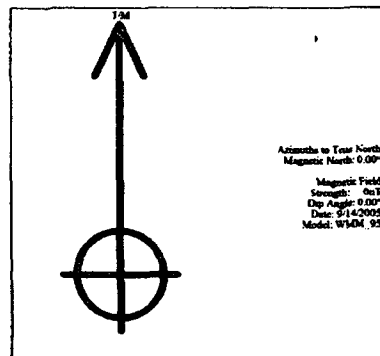
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClasD ft	ClasA deg
0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.70	284.49	100.00	-0.04	0.15	-0.59	0.70	0.61	284.49
200.00	0.65	258.73	199.99	0.13	0.19	-1.74	0.30	1.75	276.39
300.00	0.54	214.65	299.99	0.77	-0.30	-2.56	0.46	2.58	263.24
400.00	0.81	181.45	399.98	1.90	-1.40	-2.85	0.46	3.17	243.86
500.00	1.23	189.41	499.96	3.67	-3.16	-3.04	0.44	4.39	223.88
600.00	1.12	179.20	599.94	5.70	-5.20	-3.20	0.24	6.11	211.64
700.00	1.16	185.58	699.92	7.67	-7.18	-3.29	0.13	7.90	204.60
800.00	1.15	186.16	799.90	9.68	-9.19	-3.50	0.02	9.83	200.82
900.00	1.18	189.23	899.88	11.71	-11.20	-3.77	0.07	11.82	198.59
1000.00	1.26	188.25	999.86	13.84	-13.31	-4.09	0.08	13.92	197.09
1100.00	1.17	189.98	1099.84	15.95	-15.40	-4.43	0.10	16.02	196.03
1200.00	1.03	187.75	1199.82	17.87	-17.30	-4.72	0.15	17.93	195.27
1300.00	0.78	172.09	1299.81	19.42	-18.86	-4.75	0.35	19.45	194.14
1400.00	0.78	167.98	1399.80	20.69	-20.20	-4.52	0.06	20.70	192.60
1500.00	0.64	163.59	1499.79	21.81	-21.40	-4.22	0.15	21.81	191.14
1600.00	0.66	183.12	1599.78	22.88	-22.51	-4.09	0.22	22.88	190.30
1700.00	0.58	172.98	1699.78	23.94	-23.59	-4.06	0.14	23.94	189.76
1800.00	0.59	190.23	1799.77	24.93	-24.60	-4.09	0.18	24.94	189.44
1900.00	0.51	205.17	1899.77	25.88	-25.51	-4.37	0.16	25.88	189.72
2000.00	0.48	207.17	1999.76	26.71	-26.29	-4.75	0.03	26.71	190.24
2100.00	0.41	215.73	2099.76	27.44	-26.95	-5.15	0.10	27.44	190.82
2200.00	0.41	215.10	2199.76	28.09	-27.53	-5.57	0.00	28.09	191.43
2300.00	0.52	233.14	2299.75	28.75	-28.10	-6.13	0.18	28.76	192.32
2400.00	0.47	246.89	2399.75	29.31	-28.53	-6.87	0.13	29.35	193.55
2500.00	0.53	253.07	2499.75	29.75	-28.83	-7.69	0.08	29.84	194.94
2600.00	0.49	252.20	2599.74	30.17	-29.09	-8.54	0.04	30.32	196.37
2700.00	0.45	247.32	2699.74	30.59	-29.37	-9.31	0.06	30.81	197.59
2800.00	0.41	255.68	2799.74	30.96	-29.61	-10.02	0.07	31.26	198.70
2900.00	0.18	291.86	2899.74	31.08	-29.64	-10.51	0.29	31.45	199.53
3000.00	0.45	255.67	2999.73	31.21	-29.68	-11.04	0.32	31.67	200.40
3100.00	0.38	253.21	3099.73	31.53	-29.88	-11.74	0.07	32.10	201.45
3200.00	0.42	260.74	3199.73	31.81	-30.03	-12.42	0.07	32.50	202.47
3300.00	0.35	274.95	3299.73	31.97	-30.06	-13.08	0.12	32.79	203.52
3400.00	0.45	259.63	3399.72	32.14	-30.11	-13.77	0.15	33.11	204.59
3500.00	0.38	265.00	3499.72	32.37	-30.21	-14.49	0.08	33.50	205.63
3600.00	0.33	273.84	3599.72	32.49	-30.22	-15.11	0.07	33.78	206.57
3700.00	0.27	265.10	3699.72	32.59	-30.22	-15.63	0.08	34.02	207.35
3800.00	0.19	249.39	3799.72	32.74	-30.30	-16.02	0.10	34.27	207.87
3900.00	0.03	167.65	3899.72	32.85	-30.38	-16.17	0.19	34.41	208.03
4000.00	0.10	161.20	3999.72	32.95	-30.49	-16.14	0.07	34.49	207.89
4100.00	0.31	109.57	4099.72	33.07	-30.66	-15.85	0.26	34.52	207.34
4200.00	0.44	105.88	4199.71	33.14	-30.86	-15.23	0.13	34.41	206.27
4300.00	0.86	97.67	4299.71	33.14	-31.06	-14.12	0.43	34.12	204.44
4400.00	1.23	99.54	4399.69	33.08	-31.34	-12.31	0.37	33.67	201.45
4500.00	1.32	91.24	4499.67	32.87	-31.54	-10.10	0.21	33.12	197.76
4600.00	1.32	93.41	4599.64	32.53	-31.64	-7.80	0.05	32.58	193.86
4678.00	1.34	99.20	4677.62	32.40	-31.84	-6.01	0.17	32.40	190.68



**Scientific
Drilling**

Field: Wildcat
Site: Eddy County, NM
Well: Danube 14 Fed Com #1H
Wellpath: VH - Job #32K0805612
Survey: 08/20/05



West(-)/East(+) [5ft/in]

South(-)/North(+) [5ft/in]

Company: EOG Resources		Date: 9/7/2005		Time: 13:48:20		Page: 1	
Field: Danube		Co-ordinate(NE) Reference:		Site: Section 14, T17-S, R24-E, N.M.P.M			
Site: Section 14, T17-S, R24-E, N.M.P.M		Vertical (TVD) Reference:		SITE: 0.0			
Well: Danube "14" Fed Com #1H		Section (VS) Reference:		Well: (0.00N,0.00E,357.04Azi)			
Wellpath: OH		Survey Calculation Method:		Minimum Curvature Db: Sybase			

Field: Danube Eddy County, New Mexico			
Map System: US State Plane Coordinate System 1927		Map Zone: New Mexico, Eastern Zone	
Geo Datum: NAD27 (Clarke 1866)		Coordinate System: Site Centre	
Sys Datum: Mean Sea Level		Geomagnetic Model: igrf2005	

Site: Section 14, T17-S, R24-E, N.M.P.M			
Eddy County, New Mexico			
Site Position:	Northing: 666190.00 ft	Latitude: 32 49 52.482 N	
From: Map	Easting: 431676.00 ft	Longitude: 104 33 20.761 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3722.00 ft		Grid Convergence: -0.12 deg	

Well: Danube "14" Fed Com #1H				Slot Name:			
Well Position:	+N/-S 0.00 ft	Northing: 666190.00 ft	Latitude: 32 49 52.482 N	+E/-W 0.00 ft	Easting: 431676.00 ft	Longitude: 104 33 20.761 W	
Position Uncertainty: 0.00 ft							

Wellpath: OH				Drilled From: Surface			
				Tie-on Depth: 0.00 ft			
Current Datum: SITE				Above System Datum: Mean Sea Level			
Magnetic Data: 8/15/2005				Declination: 8.76 deg			
Field Strength: 49490 nT				Mag Dip Angle: 60.71 deg			
Vertical Section: Depth From (TVD)				+E/-W Direction			
ft				ft			
0.00				0.00			
				0.00			
				357.04			

Survey: PathFinder MWD Surveys		Start Date: 8/29/2005	
Company: PathFinder Energy Services		Engineer: Ron McIntyre	
Tool:		Tied-to: From: Definitive Path	

Survey: PathFinder MWD Surveys										
MD ft	Incl deg	Azimuth deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Built deg/100ft	Turn deg/100ft	Tool/Comment
4500.00	1.32	91.24	4499.67	-31.54	-10.10	-30.98	0.00	0.00	0.00	Tie-In to SDI GYRO Begin PathFinder MWD Survey
4537.00	1.85	44.12	4536.65	-31.12	-9.26	-30.60	3.67	1.43	-127.35	
4569.00	4.05	5.10	4568.61	-29.63	-8.80	-29.13	8.94	6.87	-121.94	
4601.00	9.06	351.04	4600.39	-26.01	-9.09	-25.50	16.33	15.66	-43.94	
4632.00	13.54	349.37	4630.79	-20.03	-10.14	-19.48	14.49	14.45	-5.39	
4664.00	18.38	350.33	4661.54	-11.37	-11.68	-10.75	15.15	15.12	3.00	
4696.00	23.04	350.95	4691.47	-0.20	-13.52	0.49	14.58	14.56	1.94	
4728.00	26.91	354.38	4720.47	13.19	-15.21	13.96	12.91	12.09	10.72	
4760.00	31.48	357.98	4748.40	28.76	-16.22	29.56	15.29	14.28	11.25	
4791.00	35.17	358.07	4774.30	45.78	-16.80	46.58	11.90	11.90	0.29	
4823.00	38.51	358.65	4799.90	64.95	-17.35	65.76	10.49	10.44	1.81	
4855.00	42.03	359.74	4824.32	85.63	-17.63	86.43	11.22	11.00	3.41	
4886.00	45.29	0.62	4846.74	107.03	-17.56	107.79	10.70	10.52	2.84	
4918.00	48.54	0.44	4868.60	130.40	-17.34	131.12	10.16	10.16	-0.56	
4950.00	51.09	359.65	4889.24	154.84	-17.33	155.53	8.19	7.97	-2.47	
4982.00	53.82	359.12	4908.74	180.21	-17.60	180.88	8.63	8.53	-1.66	
5013.00	56.63	358.60	4926.42	205.66	-18.11	206.32	9.17	9.06	-1.68	
5045.00	59.53	357.81	4943.34	232.81	-18.96	233.48	9.30	9.06	-2.47	
5077.00	62.17	357.81	4958.93	260.73	-20.03	261.42	8.25	8.25	0.00	
5109.00	66.48	357.72	4972.79	289.54	-21.16	290.25	13.47	13.47	-0.28	
5140.00	71.14	357.54	4983.99	318.42	-22.35	319.14	15.04	15.03	-0.58	
5172.00	75.80	357.28	4993.09	349.05	-23.74	349.81	14.58	14.56	-0.81	
5204.00	80.64	357.10	4999.62	380.33	-25.28	381.13	15.14	15.12	-0.56	
5252.00	86.17	356.58	5005.13	427.92	-27.90	428.79	11.57	11.52	-1.08	

Company: EOG Resources Field: Danube Site: Section 14, T17-S, R24-E, N.M.P.M. Well: Danube "14" Fed Com #1H Wellpath: OH	Date: 9/7/2005 Co-ordinate(NE) Reference: Site: Section 14, T17-S, R24-E, N.M.P.M. Vertical (FVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,357.04Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey: PathFinder MWD Surveys

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5283.00	88.29	356.58	5006.63	458.83	-29.75	459.75	6.84	6.84	0.00	
5315.00	88.55	356.05	5007.51	490.75	-31.81	491.74	1.84	0.81	-1.66	
5347.00	91.71	356.05	5007.44	522.67	-34.01	523.73	9.87	9.87	0.00	
5378.00	94.79	355.96	5005.68	553.54	-36.17	554.67	9.94	9.94	-0.29	
5410.00	95.14	355.26	5002.91	585.33	-38.61	586.54	2.44	1.09	-2.19	
5442.00	94.97	356.05	5000.09	617.11	-41.02	618.41	2.52	-0.53	2.47	
5474.00	94.70	355.43	4997.40	648.91	-43.39	650.29	2.11	-0.84	-1.94	
5505.00	94.62	355.70	4994.88	679.72	-45.78	681.17	0.91	-0.26	0.87	
5537.00	92.77	355.96	4992.82	711.56	-48.10	713.10	5.84	-5.78	0.81	
5569.00	91.98	355.61	4991.49	743.45	-50.45	745.06	2.70	-2.47	-1.09	
5601.00	92.86	355.78	4990.14	775.33	-52.85	777.02	2.80	2.75	0.53	
5632.00	93.65	355.96	4988.38	806.20	-55.08	807.97	2.61	2.55	0.58	
5664.00	93.65	356.40	4986.34	838.06	-57.21	839.90	1.37	0.00	1.37	
5696.00	94.09	356.49	4984.18	869.93	-59.19	871.82	1.40	1.37	0.28	
5727.00	93.65	356.49	4982.09	900.80	-61.08	902.75	1.42	-1.42	0.00	
5759.00	94.53	357.19	4979.81	932.67	-62.84	934.67	3.51	2.75	2.19	
5791.00	95.32	357.28	4977.06	964.51	-64.38	966.55	2.48	2.47	0.28	
5823.00	95.58	357.98	4974.02	996.34	-65.70	998.40	2.32	0.81	2.19	
5886.00	94.26	359.12	4968.62	1059.09	-67.28	1061.15	2.76	-2.10	1.81	
5950.00	91.36	357.89	4965.48	1122.98	-68.95	1125.04	4.92	-4.53	-1.92	
6013.00	91.19	356.58	4964.08	1185.89	-71.99	1188.03	2.10	-0.27	-2.08	
6077.00	90.92	355.78	4962.90	1249.74	-76.25	1252.01	1.32	-0.42	-1.25	
6109.00	90.31	355.43	4962.56	1281.64	-78.71	1283.99	2.20	-1.91	-1.09	
6140.00	90.31	355.70	4962.39	1312.55	-81.10	1314.98	0.87	0.00	0.87	
6173.00	87.14	356.58	4963.12	1345.46	-83.32	1347.97	9.97	-9.61	2.67	
6205.00	87.49	356.84	4964.62	1377.37	-85.16	1379.93	1.36	1.09	0.81	
6237.00	88.29	356.40	4965.80	1409.29	-87.04	1411.91	2.85	2.50	-1.37	
6268.00	90.13	356.58	4966.23	1440.23	-88.94	1442.90	5.96	5.94	0.58	
6300.00	92.07	356.84	4965.61	1472.17	-90.78	1474.89	6.12	6.06	0.81	
6332.00	92.15	356.75	4964.44	1504.10	-92.57	1506.87	0.38	0.25	-0.28	
6364.00	91.98	356.84	4963.28	1536.03	-94.35	1538.85	0.60	-0.53	0.28	
6395.00	93.21	357.54	4961.88	1566.96	-95.87	1569.82	4.56	3.97	2.26	
6427.00	94.00	358.33	4959.87	1598.87	-97.02	1601.75	3.49	2.47	2.47	
6459.00	94.00	358.42	4957.63	1630.78	-97.93	1633.66	0.28	0.00	0.28	
6490.00	93.47	358.24	4955.61	1661.70	-98.83	1664.59	1.81	-1.71	-0.58	
6522.00	94.53	358.24	4953.38	1693.61	-99.81	1696.51	3.31	3.31	0.00	
6554.00	95.23	358.42	4950.66	1725.48	-100.74	1728.38	2.26	2.19	0.56	
6586.00	95.32	358.07	4947.72	1757.33	-101.71	1760.24	1.12	0.28	-1.09	
6617.00	95.14	357.98	4944.89	1788.18	-102.78	1791.10	0.65	-0.58	-0.29	
6649.00	94.35	357.81	4942.25	1820.05	-103.95	1822.99	2.52	-2.47	-0.53	
6681.00	94.09	357.89	4939.89	1851.94	-105.15	1854.90	0.85	-0.81	0.25	
6713.00	94.18	357.98	4937.58	1883.84	-106.30	1886.81	0.40	0.28	0.28	
6744.00	92.86	357.37	4935.68	1914.75	-107.55	1917.75	4.69	-4.26	-1.97	
6776.00	91.71	357.37	4934.40	1946.69	-109.02	1949.73	3.59	-3.59	0.00	
6808.00	91.36	357.37	4933.55	1978.65	-110.49	1981.71	1.09	-1.09	0.00	
6839.00	90.66	357.54	4933.00	2009.61	-111.86	2012.71	2.32	-2.26	0.55	
6871.00	90.75	357.45	4932.61	2041.58	-113.26	2044.70	0.40	0.28	-0.28	
6903.00	90.66	357.37	4932.21	2073.54	-114.71	2076.70	0.38	-0.28	-0.25	
6935.00	89.78	357.19	4932.09	2105.51	-116.23	2108.70	2.81	-2.75	-0.56	
6966.00	89.60	357.19	4932.26	2136.47	-117.75	2139.70	0.58	-0.58	0.00	
6998.00	89.43	357.45	4932.53	2168.43	-119.24	2171.70	0.97	-0.53	0.81	
7030.00	89.96	357.54	4932.70	2200.40	-120.64	2203.70	1.68	1.66	0.28	
7061.00	90.22	357.81	4932.65	2231.38	-121.90	2234.70	1.21	0.84	0.87	

Company: EOG Resources	Date: 9/7/2005	Time: 13:48:20	Page: 3
Field: Danube	Co-ordinate(NE) Reference:	Site: Section-14, T17-S, R24-E, N.M.P.M.	
Site: Section-14, T17-S, R24-E, N.M.P.M.	Vertical (TVD) Reference:	SITE: 0.0	
Well: Danube "14" Fed Com #1H	Section (VS) Reference:	Well: (0.00N,0.00E,357.04Az)	
Wellpath: OH	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: PathFinder MWD Surveys

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Bulld deg/100ft	Turn deg/100ft	Tool/Comment
7093.00	90.22	357.72	4932.53	2263.35	-123.15	2266.69	0.28	0.00	-0.28	
7125.00	90.04	357.98	4932.46	2295.33	-124.35	2298.69	0.99	-0.56	0.81	
7157.00	90.22	358.07	4932.38	2327.31	-125.45	2330.68	0.63	0.56	0.28	
7188.00	90.48	357.89	4932.19	2358.29	-126.54	2361.68	1.02	0.84	-0.58	
7220.00	90.57	358.07	4931.90	2390.27	-127.67	2393.67	0.63	0.28	0.56	
7252.00	90.66	357.81	4931.56	2422.25	-128.82	2425.67	0.86	0.28	-0.81	
7284.00	90.48	357.63	4931.24	2454.22	-130.09	2457.66	0.80	-0.56	-0.56	
7315.00	90.22	357.63	4931.05	2485.19	-131.38	2488.66	0.84	-0.84	0.00	
7347.00	90.13	357.45	4930.95	2517.16	-132.75	2520.66	0.63	-0.28	-0.56	
7379.00	89.43	357.19	4931.07	2549.13	-134.25	2552.66	2.33	-2.19	-0.81	
7411.00	89.52	357.37	4931.37	2581.09	-135.76	2584.66	0.63	0.28	0.56	
7442.00	90.57	357.90	4931.34	2612.06	-137.04	2615.66	3.79	3.39	1.71	
7474.00	90.57	357.89	4931.02	2644.04	-138.22	2647.65	0.03	0.00	-0.03	
7506.00	91.19	358.51	4930.53	2676.02	-139.22	2679.64	2.74	1.94	1.94	
7538.00	91.80	359.04	4929.70	2708.00	-139.91	2711.61	2.52	1.91	1.66	
7569.00	92.24	0.00	4928.61	2738.98	-140.17	2742.57	3.40	1.42	3.10	
7601.00	92.24	359.83	4927.35	2770.96	-140.21	2774.50	0.53	0.00	-0.53	
7633.00	90.22	358.95	4926.67	2802.95	-140.56	2806.46	6.89	-6.31	-2.75	
7664.00	91.10	359.21	4926.31	2833.94	-141.05	2837.44	2.96	2.84	0.84	
7696.00	90.66	359.56	4925.82	2865.93	-141.40	2869.41	1.76	-1.37	1.09	
7728.00	90.48	359.83	4925.50	2897.93	-141.57	2901.38	1.01	-0.56	0.84	
7760.00	90.57	0.18	4925.21	2929.93	-141.56	2933.33	1.13	0.28	1.09	
7791.00	91.10	0.62	4924.76	2960.93	-141.35	2964.27	2.22	1.71	1.42	
7823.00	91.36	0.88	4924.07	2992.92	-140.93	2996.20	1.15	0.81	0.81	
7855.00	91.54	0.35	4923.26	3024.90	-140.59	3028.13	1.75	0.56	-1.66	
7886.00	90.22	359.21	4922.78	3055.90	-140.70	3059.09	5.63	-4.26	-3.68	
7918.00	89.34	358.33	4922.91	3087.89	-141.39	3091.07	3.89	-2.75	-2.75	
7950.00	89.34	358.51	4923.27	3119.88	-142.27	3123.06	0.56	0.00	0.56	
7981.00	89.43	358.60	4923.61	3150.86	-143.06	3154.05	0.41	0.29	0.29	
8013.00	89.34	358.77	4923.95	3182.85	-143.79	3186.03	0.60	-0.28	0.53	
8045.00	89.34	358.68	4924.32	3214.84	-144.50	3218.02	0.28	0.00	-0.28	
8077.00	89.34	358.68	4924.69	3246.83	-145.24	3250.00	0.00	0.00	0.00	
8108.00	89.34	358.07	4925.05	3277.82	-146.12	3280.99	1.97	0.00	-1.97	
8136.00	88.90	357.98	4925.48	3305.80	-147.08	3308.98	1.60	-1.57	-0.32	Last PathFinder MWD Survey
8184.00	88.90	357.98	4926.40	3353.76	-148.77	3356.97	0.00	0.00	0.00	Straight-Line Bit Project

Annotation

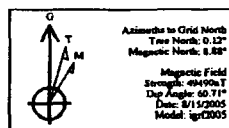
MD ft	TVD ft	
4500.00	4499.67	Tie-In to SDI Gyro
4537.00	4536.65	Begin PathFinder MWD Surveys
8136.00	4925.48	Last PathFinder MWD Survey
8184.00	4926.40	Straight-Line Bit Projection



Danube "14" Fed Com #1H Section 14, T17-S, R 25-E, N.M.P.M. Eddy County, New Mexico Final Plot

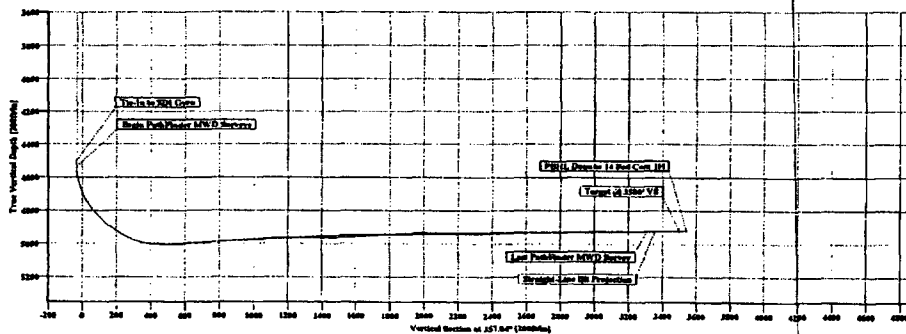
WELLPATH DETAILS

OH			
Rig:	Nabors #424		
Ref. Datum:	STATE	0.00R	
V Section	Origin	Origin	Starting
Angle	N-S	E-W	From TVD
357.04°	0.00	0.00	0.00



WELL DETAILS

Name	N-S	E-W	Northing	Easting	Latitude	Longitude	Slot
Danube "14" Fed Com #1H	0.00	0.00	466190.00	431676.00	32°49'32.482N	104°37'20.761W	N/A



COMPANY DETAILS

GEO Resources
 4000 N. Big Spring Dr. 500
 Midland, TX 79705
 Calculation Method: Minimum Curvature
 Error System: Symmetric Ellipse
 Slew Method: Covert Approach 3D
 Error Surface: Elliptical Cone
 Waving Method: Even Rate

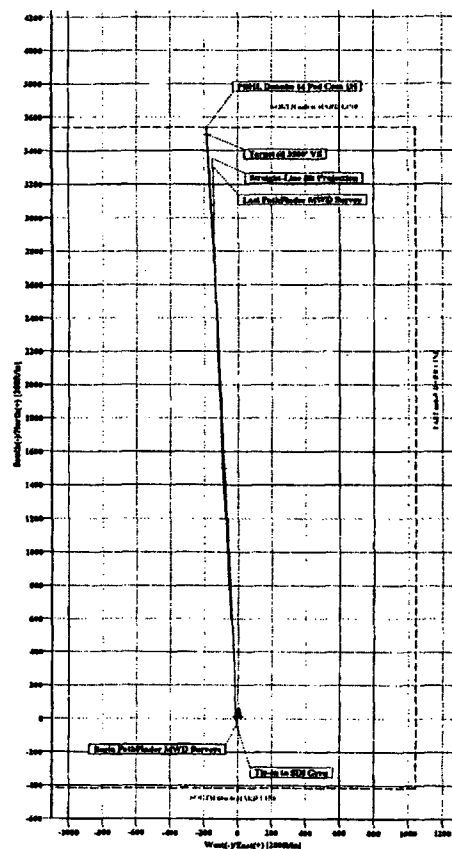
SITE DETAILS

Section 14, T17-S, R24-E, N.M.P.M.
 Eddy County, New Mexico
 Site Centre Northing: 466190.00
 Easting: 431676.00
 Ground Level: 3722.00
 Positional Uncertainty: 0.00
 Convergence: 4.12



LEGEND

Proposed Plot #2 032100
 Section 14, T17-S, R24-E, N.M.P.M., Danube "14" Fed Com #1H, OH
 Pathfinder MWD Survey



Survey conducted 08/15/2005. Data for Pathfinder
 Surveyed by: Geo Resources, Inc.

UNITED STATES
DEPARTMENT OF THE INTERIOR **OCD-ARTESIA**
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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

RECEIVED

DEC 28 2005

OCD-ARTESIA

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)

1074 FSL & 1703 FEL, U/L O Sec 14, T17S, R24E

660 FNL & 1880 FEL, U/L B Sec 14, T17S, R24E

5. Lease Serial No.

108958

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Danube 14 Fed Com 1H

9. API Well No.

30-015-34198

10. Field and Pool, or Exploratory Area

Collins Ranch; Wolfcamp NE

11. County or Parish, State

Eddy 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 | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other <u>completion</u> |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Convert to Injection | ☐ Plug Back | ☐ 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 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.)

EOG Resources requests that the name of this well be changed to Danube 14 Fed Com 1H to reflect it as a horizontal completion.

APPROVED

DEC 22 2005

(ORIG. SGD.) ALEXIS C. SWOBODA

**ALEXIS C. SWOBODA
PETROLEUM ENGINEER**

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

Stan Wagner

Title

Regulatory Analyst

Date **12/15/05**

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.