



EOG
cc

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

June 13, 2006

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

EOG Resources, Inc.
c/o **Ocean Munds-Dry, Legal Counsel**
Holland & Hart LLP
P. O. Box 2208
Santa Fe, New Mexico 87504-2208

Re: *Administrative application (administrative application reference No. pTDS0-610858024) for simultaneous dedication and a non-standard producing area within either the Undesignated Collins Ranch-Wolfcamp Gas Pool (75010) or Undesignated Northeast Collins Ranch-Wolfcamp Gas Pool (96623) for EOG Resources, Inc.'s proposed Platte "23" Fee Com. Well No. 1H (API No. 30-015-34773) to be drilled in the W/2 of Section 23, Township 17 South, Range 24 East, NMPM, Eddy County, New Mexico.*

Dear Mr. Munds-Dry:

On May 17, 2006, I sent a letter (see copy attached) requesting additional information to support EOG Resources, Inc.'s subject application filed with the New Mexico Oil Conservation Division ("Division") in Santa Fe, New Mexico on April 18, 2006.

Approximately five years ago the Division enacted a policy whereby any incomplete administrative filing older than 30 days is to be withdrawn and returned. This policy, as I understand, was adopted to better serve our customers and help assure a quicker turn around time by this agency on administrative filings. To date I have not received from you a response to this letter; therefore, this application is deemed to be incomplete and in order to fully comply with this policy, is hereby **denied** and being returned to you at this time. Further, with no response I can only assume that EOG Resources, Inc. will not be drilling this well.

Sincerely,

Michael E. Stogner
Staff Engineer

cc: **New Mexico Oil Conservation Division - Artesia**



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

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May 17, 2006

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

EOG Resources, Inc.
c/o **Holland & Hart LLP**
P. O. Box 2208
Santa Fe, New Mexico 87504-2208

Attention: Ms. Ocean Munds-Dry

RE: *Administrative application (Division Administrative Application Reference No. pTDS0-610858024) for EOG Resources, Inc.'s proposed Platt "23" Fee Com. Well No. 1H (API No. 30-015-34773) to be directional drilled as a horizontal well within either the Undesignated Collins Ranch-Wolfcamp Gas Pool (75010) or Undesignated Northeast Collins Ranch-Wolfcamp Gas Pool (96623) from a surface location 600 feet from the South line and 125 feet from the West line (Unit M) of Section 23, Township 17 South, Range 24 East, NMPM; Eddy County, New Mexico, to a targeted bottomhole location, or end point, 660 feet from the North line and 760 feet from the West line (Unit D) of Section 23.*

Dear Ms. Munds-Dry:

From your application and the subsequent information provided, the path of the proposed wellbore appears to be unorthodox pursuant to Division Rules 104.C (2) (b), 111.A (7) and (13), and 111.C (2), please submit the appropriate supplemental information required for an exception to the footage setback requirements pursuant to Division Rules 104.F (1) and 1210.A (2).

Thank you.

Sincerely,

Michael E. Stogner
Staff Petroleum Engineer

MS/ms

cc: New Mexico Oil Conservation Division - Artesia

DATE IN 4/18/06	SUSPENSE 5-8-06	ENGINEER MIKE STOGNER	LOGGED IN 4/18/06	TYPE SD	APP NO. p TD 50610858024
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☒ SD

Check One Only for [B] or [C]

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

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

[D] Other: Specify _____

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

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

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

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

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

<u>Ocean Munds-Dry</u>	<u>Ocean Munds-Dry</u>	<u>Attorney</u>	<u>4-18-06</u>
Print or Type Name	Signature	Title	Date
<u>omundsdry@hollandhart.com</u>			
e-mail Address			

2006 APR 18 PM 3 42



April 18, 2006

HAND-DELIVERED

Mark E. Fesmire, P. E.
Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of EOG Resources, Inc. for administrative approval of the simultaneous dedication of the W/2 of Section 23, Township 17 South, Range 24 East, N.M.P.M., Eddy County, New Mexico to its proposed Platte 23 Fee Com Fee Well No. 1H and the existing Platte 23 Fee Com Well No. 2H.

Dear Mr. Fesmire:

EOG Resources, Inc. is the operator of a standard 320-acre spacing unit in the Undesignated Collins Ranch Wolfcamp Gas Pool (**Pool Code 75010**) comprised of the W/2 of Section 23, Township 17 South, Range 25 East, N.M.P.M., Eddy County, New Mexico. This spacing unit is dedicated to EOG's Platte 23 Fee Com Well No. 2H which has been horizontally drilled and produces from the Wolfcamp formation.

EOG seeks administrative approval of the simultaneous dedication of this standard 320-acre gas spacing unit to the following two horizontal gas wells:

- A. the existing Platte 23 Fee Com Well No. 2H (**API No. 30-015-34489**) horizontally drilled from a surface location 660 feet from the South line and 1980 feet from the West line to a bottomhole location in the Wolfcamp formation 660 feet from the North line and 1980 feet from the West line of said Section 23; and
- B. the proposed Platte 23 Fee Com Well No. 1H (**API No. 30-015-34773**) to be horizontally drilled from a surface location 600 feet from the South line and 125 feet from the West line to a proposed end point or bottomhole location 660 feet from the North line and 760 feet from the West line of said Section 23.

HOLLAND & HART^{LLP}

The wellbore directional survey of the Platte 23 Fee Com Well No. 2H has been filed with the Division and shows the path of the wellbore within the Wolfcamp formation to be standard pursuant to Division Rules 104.C (2) (a) and 111.A (7). EOG now intends to horizontally drill and complete its proposed Yellow Platte 23 Fee Com Well No. 1H in such a manner that its path meets the set-back requirements of Division Rules 104.C (2) (b) and 111.A (7) for deep gas wells in southeast New Mexico. The well will be drilled to the targeted subsurface end-point or bottomhole location, 760 feet from the West line and 660 feet from the North line (Unit D) of Section 23.

Attached hereto as **Exhibit A** is a copy of Division Form C-102 for this well that shows the proposed surface and bottomhole location of the well. **Exhibit B** is EOG's Planning Report for the well that confirms the projected wellbore deviation.

The simultaneous dedication of the W/2 of said Section 23 to the Platte 23 Fee Com Well Nos. 1H and 2H will afford EOG the opportunity to efficiently produce the Wolfcamp formation under this spacing unit. EOG's proposed simultaneous dedication of these wells does not exceed the number of wells allowed by Division Rule for this spacing unit nor will either well be closer to the outer boundary of the horizontal well project area than permitted by Division Rules. Accordingly, there are no other interest owners who are affected by this application.

Your attention to this application is appreciated.

Sincerely,

Ocean Munds-Dry
Attorney for EOG Resources, Inc.

Enclosures

cc: Mr. Donny G. Glanton
EOG Resources, Inc.
Post Office Box 2267
Midland, Texas 79702

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease-4 Copies
Fee Lease-3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34773	Pool Code 75010	Pool Name Collins Ranch; Wolfcamp (Gas)
Property Code 35589	Property Name PLATTE 23 FEE COM	Well Number 1H
OGRD No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3728'

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
M	23	17 SOUTH	24 EAST, N.M.P.M.		600	SOUTH	125	WEST	EDDY

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
D	23	17 SOUTH	24 EAST, N.M.P.M.		660	NORTH	760	WEST	EDDY

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.

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1927
Y=884477.2
X=428747.3
LAT.: N 32.8284381
LONG.: W 104.5640886

ENTRY POINT
NEW MEXICO EAST
NAD 1927
Y=881122.3
X=428747.3
LAT.: N 32.8172881
LONG.: W 104.5632881

SURFACE HOLE LOCATION
NEW MEXICO EAST
NAD 1927
Y=883511.8
X=428747.3
LAT.: N 32.8153688
LONG.: W 104.5670234

RECEIVED
APR 10 2006
COM-AM-EDDY

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Donny G. Glanton 4/6/2006
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of a professional surveyor by me or under my supervision and that the same is true and correct to the best of my knowledge.

MARCH 17, 2006
Date of Survey

Larry J. Asch
Signature and Seal of Professional Surveyor

Certificate Number 15079

WOP 060317ML (1206)

EXHIBIT A

Standard 640-4000
Section

Planning Report

Database	EDM	Local Co-ordinate Reference	Well Platte 23 Fee Com #1H
Company	EOG - Midland (3)	TVD Reference	WELL @ 3745.0ft (Original Well Elev)
Project	Thames	MD Reference	WELL @ 3745.0ft (Original Well Elev)
Site	Platte 23 Fee Com #1H	North Reference	Grid
Well	Platte 23 Fee Com #1H	Survey Calculation Method	Minimum Curvature
Wellbore	Platte 23 Fee Com #1H		
Design	Plan #2		

Project	Thames		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site		Platte 23 Fee Com #1H			
Site Position:		Northing:	660,421.90 ft	Latitude:	32° 48' 55.331 N
From:	Map	Easting:	428,205.60 ft	Longitude:	104° 34' 1.284 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-0.13 °

Well	Platte 23 Fee Com #1H					
Well Position	+N-S	0.0 ft	Northing:	660,421.90 ft	Latitude:	32° 48' 55.331 N
	+E-W	0.0 ft	Easting:	428,205.60 ft	Longitude:	104° 34' 1.284 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	3,728.0 ft

Wellbore	Platte 23 Fee Com #1H				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(D)	(D)	(G)
	IGRF2005	3/31/2006	8.68	60.66	49,362

Design:	Plan #2			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	N-S	E-W	Direction
	(ft)	(ft)	(ft)	(ft)
	0.0	0.0	0.0	8.91

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	N-S (ft)	E-W (ft)	Dogleg Rate (1/100ft)	Buid Rate (1/100ft)	Turn Rate (1/100ft)	FO (ft)	Time
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,472.7	30.00	42.00	4,460.4	51.9	46.7	11.00	11.00	0.00	42.00	
4,622.7	30.00	42.00	4,590.3	107.8	98.9	0.00	0.00	0.00	0.00	
5,406.7	90.00	35.00	4,965.0	622.7	489.8	7.68	7.65	-0.89	351.93	
6,748.8	90.50	354.74	4,958.8	1,893.3	827.1	3.00	0.04	-3.00	-89.22	
8,889.8	90.50	354.74	4,940.0	4,025.2	630.9	0.00	0.00	0.00	0.00	
8,889.9	90.50	354.74	4,940.0	4,025.3	630.9	3.00	-2.92	-0.70	-166.42 BHL (Platte 23 #1H)	

Planning Report

Database:	EDM	Local Coordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore Design:	Platte 23 Fee Com #1H		
	Plan #2		

Measured Depth (m)	Inclination (°)	Azimuth (°)	Vertical Depth (m)	N-S (m)	E-W (m)	Vertical Section (m)	Dogleg Rate (1/100m)	Bullup Rate (1/100m)	Ten (1/100m)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	11.00	42.00	4,299.4	7.1	6.4	8.0	11.00	11.00	0.00
4,400.0	22.00	42.00	4,395.1	28.2	25.4	31.8	11.00	11.00	0.00
4,472.7	30.00	42.00	4,460.4	51.9	46.7	58.5	11.00	11.00	0.00
4,500.0	30.00	42.00	4,484.1	62.0	55.8	69.9	0.00	0.00	0.00
4,600.0	30.00	42.00	4,570.7	99.2	89.3	111.8	0.00	0.00	0.00
4,622.7	30.00	42.00	4,590.3	107.6	96.9	121.3	0.00	0.00	0.00
4,700.0	35.89	40.58	4,655.2	139.2	124.6	156.8	7.68	7.62	-1.84
4,800.0	43.53	39.25	4,732.0	188.2	165.5	211.5	7.68	7.64	-1.33
4,900.0	51.17	38.25	4,799.7	245.5	211.4	275.3	7.68	7.65	-1.00
5,000.0	58.83	37.44	4,857.1	310.2	261.6	347.0	7.68	7.66	-0.81
5,100.0	66.49	36.75	4,902.9	381.0	315.2	425.2	7.68	7.66	-0.69

Planning Report

Database	EDM	Local Co-ordinate Reference	Well Platte 23 Fee Com #1H
Company	EOG - Midland (3)	UVD Reference	WELL @ 3745.0ft (Original Well Elev)
Project	Thames	MD Reference	WELL @ 3745.0ft (Original Well Elev)
Site	Platte 23 Fee Com #1H	North Reference	Grid
Well	Platte 23 Fee Com #1H	Survey Calculation Method	Minimum Curvature
Wellbore	Platte 23 Fee Com #1H		
Design	Plan #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	N-S (ft)	E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Rate (°/100ft)	
5,200.0	74.15	36.14	4,936.6	456.7	371.1	508.6	7.68	7.66	-0.61	
5,300.0	81.82	35.58	4,957.4	535.9	428.3	595.8	7.68	7.66	-0.56	
5,400.0	89.48	35.04	4,965.0	617.2	485.9	685.0	7.68	7.67	-0.54	
5,406.7	90.00	35.00	4,965.0	622.7	489.8	691.1	7.68	7.67	-0.54	
5,500.0	90.04	32.20	4,965.0	700.4	541.4	775.8	3.00	0.04	-3.00	
5,600.0	90.08	29.20	4,964.9	786.4	582.4	868.6	3.00	0.04	-3.00	
5,700.0	90.12	26.20	4,964.7	874.9	638.9	963.3	3.00	0.04	-3.00	
5,800.0	90.16	23.20	4,964.5	965.7	680.7	1,059.5	3.00	0.04	-3.00	
5,900.0	90.20	20.20	4,964.1	1,058.6	717.7	1,157.0	3.00	0.04	-3.00	
6,000.0	90.24	17.20	4,963.8	1,153.3	749.7	1,255.5	3.00	0.04	-3.00	
6,100.0	90.28	14.20	4,963.3	1,249.6	776.8	1,354.8	3.00	0.04	-3.00	
6,200.0	90.31	11.20	4,962.8	1,347.1	798.8	1,454.6	3.00	0.04	-3.00	
6,300.0	90.35	8.20	4,962.2	1,445.7	815.6	1,554.6	3.00	0.04	-3.00	
6,400.0	90.39	5.20	4,961.6	1,545.0	827.3	1,654.5	3.00	0.04	-3.00	
6,500.0	90.42	2.20	4,960.9	1,644.8	833.8	1,754.0	3.00	0.03	-3.00	
6,600.0	90.46	359.20	4,960.1	1,744.8	835.0	1,853.0	3.00	0.03	-3.00	
6,700.0	90.49	356.20	4,959.3	1,844.7	831.0	1,951.1	3.00	0.03	-3.00	
6,748.8	90.50	354.74	4,958.8	1,893.3	827.1	1,998.5	3.00	0.03	-3.00	
6,800.0	90.50	354.74	4,958.4	1,944.3	822.4	2,048.2	0.00	0.00	0.00	
6,900.0	90.50	354.74	4,957.5	2,043.9	813.3	2,145.1	0.00	0.00	0.00	
7,000.0	90.50	354.74	4,956.6	2,143.4	804.1	2,242.1	0.00	0.00	0.00	
7,100.0	90.50	354.74	4,955.7	2,243.0	795.0	2,339.0	0.00	0.00	0.00	
7,200.0	90.50	354.74	4,954.9	2,342.6	785.8	2,436.0	0.00	0.00	0.00	
7,300.0	90.50	354.74	4,954.0	2,442.2	776.6	2,533.0	0.00	0.00	0.00	
7,400.0	90.50	354.74	4,953.1	2,541.7	767.5	2,629.9	0.00	0.00	0.00	
7,500.0	90.50	354.74	4,952.2	2,641.3	758.3	2,726.9	0.00	0.00	0.00	
7,600.0	90.50	354.74	4,951.4	2,740.8	749.1	2,823.8	0.00	0.00	0.00	
7,700.0	90.50	354.74	4,950.5	2,840.5	740.0	2,920.8	0.00	0.00	0.00	
7,800.0	90.50	354.74	4,949.6	2,940.0	730.8	3,017.7	0.00	0.00	0.00	
7,900.0	90.50	354.74	4,948.7	3,039.8	721.6	3,114.7	0.00	0.00	0.00	
8,000.0	90.50	354.74	4,947.8	3,139.2	712.5	3,211.6	0.00	0.00	0.00	
8,100.0	90.50	354.74	4,947.0	3,238.8	703.3	3,308.6	0.00	0.00	0.00	
8,200.0	90.50	354.74	4,946.1	3,338.3	694.1	3,405.6	0.00	0.00	0.00	
8,300.0	90.50	354.74	4,945.2	3,437.9	685.0	3,502.5	0.00	0.00	0.00	
8,400.0	90.50	354.74	4,944.3	3,537.5	675.8	3,599.5	0.00	0.00	0.00	
8,500.0	90.50	354.74	4,943.4	3,637.1	666.6	3,696.4	0.00	0.00	0.00	
8,600.0	90.50	354.74	4,942.6	3,736.6	657.5	3,793.4	0.00	0.00	0.00	
8,700.0	90.50	354.74	4,941.7	3,836.2	648.3	3,890.3	0.00	0.00	0.00	
8,800.0	90.50	354.74	4,940.8	3,935.8	639.1	3,987.3	0.00	0.00	0.00	
8,889.8	90.50	354.74	4,940.0	4,025.2	630.9	4,074.3	0.00	0.00	0.00	
8,889.9	90.50	354.74	4,940.0	4,025.3	630.9	4,074.4	3.00	-2.92	-0.70	

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Well bore:	Platte 23 Fee Com #1H		
Design:	Plan #2		

Point Name	Hit/miss target	Dip Angle (°)	Dip Dir (°)	TVD (ft)	N-S (ft)	E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
LP (Platte 23 #1H)	- plan misses by 579.4ft at 5406.7ft MD (4965.0 TVD, 622.7 N, 489.8 E)	0.00	0.00	4,965.0	61.8	635.0	660,483.70	428,840.60	32° 48' 55.956 N	104° 33' 53.845 W
- Point										
BHL (Platte 23 #1H)	- plan hits target	0.00	0.00	4,940.0	4,025.3	630.9	664,447.20	428,836.50	32° 49' 35.176 N	104° 33' 53.995 W
- Point										
LP2	- plan misses by 229.2ft at 5406.7ft MD (4965.0 TVD, 622.7 N, 489.8 E)	0.00	0.00	4,965.0	800.0	635.0	661,221.90	428,840.60	32° 49' 3.261 N	104° 33' 53.864 W
- Point										

⚠ Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

Stogner, Michael, EMNRD

From: Ocean Munds-Dry [Omundsdry@hollandhart.com] **Sent:** Wed 4/26/2006 2:58 PM
To: Stogner, Michael, EMNRD
Cc:
Subject: FW: SD Applications
Attachments: ☐ Yellow B 7 Fee #1H Gyro.TXT(7KB) ☐ Yellow B 7 Fee #1H Final Surveys.xls(45KB) ☐ YELLOW A 7FEE 1H - Survey Report.pdf(40KB) ☐ Yellow A 7 Fee 1H-Survey.xls(51KB) ☐ RIO GRANDE 23 FED #1H GYRO (COMP).TXT(14KB) ☐ Platte #23 Fee Com #2H Gyro.txt(8KB) ☐ Platte 23 Fee Com #2H Final Surveys.xls (49KB) ☐ Rio Grande 23 Fed #1H Surveys.pdf(240KB)

Mr. Stogner:

Pursuant to your request, please find directional surveys for each of the simultaneous dedication applications for EOG. Please let me know if you need anything further.

Thank you,
 Ocean

From: Donny_Glanton@eogresources.com [mailto:Donny_Glanton@eogresources.com]
Sent: Wednesday, April 26, 2006 2:46 PM
To: Ocean Munds-Dry
Cc: Rick_Lanning@eogresources.com
Subject: SD Applications

Dear Oceans,

As per your request to Mr. Lanning, please find the actual directional surveys of the four (4) wells identified below.

Let me know if you need anything further in this regard,

Donny G. Glanton
 432-686-3642

CO 4:25 PM on 4-24-2006
Left Ocean a voice mail message to provide me copies of the actual directional surveys on the four existing wells within each of the 4 requested units/PT's

----- Forwarded by Rick Lanning/EOGResources on 04/24/2006 05:54 PM -----

"Ocean Munds-Dry" <Omundsdry@hollandhart.com>

To <Rick_Lanning@eogresources.com>

04/24/2006 05:34 PM

cc
Subject SD applications

Hi Rick:

Mr. Stogner at the NMOCD just called regarding the 4 simultaneous dedication applications we filed for EOG for the: Yellow A7 Fee 1H and 2H, the Yellow B7 Fee 1H and 2H; the Platte Well No. 1H and 2H and the Rio Grande "23" Fed Well No. 1H and 2H. He asked that we send him the actual directional surveys for the 4 existing wells in each of these applications. He said they are not up on the OCD website yet so he can't look them up himself. Do you have these surveys and if so, can you forward to me so I can get them to Stogner? It occurs to me that these might not all be your applications and in that case I'm not sure who they belong to - if you could help in directing them to the right person, I'd appreciate it.

Thanks,
Ocean

Ocean Munds-Dry
Holland & Hart LLP
110 N. Guadalupe Suite 1
Santa Fe, NM 87501
Phone (505) 988-4421
Fax (866) 851-8340
E-mail: Omundsdry@hollandhart.com

□□2 E» ° SCIENTIFIC DRILLING C
ONTROLS ° E¼ KEEPER GYRO SURVEY
Directional Survey Report for

[illegible]

Well Number :

PLATTE "23" FEE COM NO.2H Well Location : EDDY COUNTY, NEW MEXICO Job Number :

32K0306226 Location Latitude : 32.820 Survey Date : 21-MAR-2006 S.D.C. Personnel : ANGEL

GUEBARA Length Units : Feet North Reference : GRID North Grid Correction : 0.12 Degrees Survey

Depth Zero : RKB Proposal Direction : 349.42 Calculation Method : Minimum Curvature Remarks :

The OUTRUN Survey will be called definitive

È»°SCIENTIFIC DRILLING CON
TROLS°È¼ Outrun Survey for Page 1

E.O.G. Well No.: PLATTE "23" FEE COM NO Date : 21-MAR-2006 Job No. : 32K0306226 GRID

Proposal : 349.42 Depth T.V.D. V.S. Inc Azimuth Latitude Departure D-leg (Feet) (Feet) (Feet)

111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564
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[illegible]

0.35	-0.02	0.15	300.00	300.00	0.52	0.17	288.35	0.51	-0.09	0.26	400.00	400.00	0.52	0.17	108.62	0.51	-
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0.09	0.34	500.00	500.00	0.20	0.33	201.05	0.20	-0.05	0.38	600.00	600.00	-0.23	0.36	221.69	-0.31	-0.36
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0.13 700.00 699.99 -0.55 0.27 228.65 -0.69 -0.75 0.10 800.00 799.99 -0.39 0.38 314.77 -0.62 -1.16 0.45

900.00 899.99 0.17 0.44 309.43 -0.14 -1.69 0.07 1000.00 999.99 0.48 0.19 264.85 0.09 -2.15 0.33

900.00	899.99	0.17	0.44	509.45	-0.14	-1.05	0.07	1000.00	999.99	0.48	0.15	204.85	0.05	-2.15	0.55
1100.00	1099.99	0.58	0.10	334.75	0.15	-2.35	0.18	1200.00	1199.99	0.76	0.13	22.12	0.34	-2.35	0.10

1100.00	1099.99	0.58	0.10	354.75	0.15	-2.55	0.18	1200.00	1199.99	0.70	0.15	22.12	0.54	-2.55	0.10
1300.00	1299.99	1.03	0.19	351.51	0.61	-2.33	0.11	1400.00	1399.99	0.97	0.28	192.43	0.54	-2.41	0.47

1500.00	1299.99	1.03	0.19	591.51	0.01	-2.55	0.11	1400.00	1399.99	0.97	0.28	192.45	0.54	-2.41	0.47
1500.00	1499.98	0.38	0.51	204.04	-0.11	-2.64	0.24	1600.00	1599.98	-0.45	0.59	195.66	-1.01	-2.96	0.11

1500.00 1499.98 0.58 0.51 204.04 -0.11 -2.04 0.24 1000.00 1599.98 -0.45 0.59 195.00 -1.01 -2.90 0.11
1700.00 1699.97 -1.38 0.58 193.21 -2.00 -3.22 0.03 1800.00 1799.97 -2.33 0.58 183.29 -3.00 -3.36 0.10

1700.00 1899.97 -1.38 0.38 193.21 -2.00 -3.22 0.03 1800.00 1799.97 -2.33 0.38 183.29 -3.00 -3.38 0.10
1900.00 1899.96 -3.34 0.60 178.65 -4.03 -3.38 0.05 2000.00 1999.96 -4.16 0.37 152.32 -4.83 -3.22 0.31

1900.00 1899.98 -3.34 0.60 178.63 -4.03 -3.38 0.03 2000.00 1999.98 -4.16 0.37 152.32 -4.83 -3.22 0.31
2100.00 2099.96 -4.66 0.26 135.52 -5.28 -2.91 0.14 2200.00 2199.96 -4.97 0.19 211.23 -5.58 -2.84 0.28

2100.00	2099.96	-4.66	0.26	133.32	-3.28	-2.91	0.14	2200.00	2199.96	-4.97	0.19	211.23	-3.38	-2.84	0.28
2300.00	2299.96	-5.38	0.30	213.97	-5.94	-3.07	0.11	2400.00	2399.95	-5.48	0.30	256.39	-6.23	-3.47	0.23

2300.00	2299.96	-3.28	0.30	213.97	-5.94	-3.07	0.11	2400.00	2399.95	-5.48	0.30	256.39	-6.22	-3.47	0.22
2500.00	2499.95	-5.14	0.30	270.37	-6.28	-3.08	0.07	2600.00	2599.95	-5.13	0.31	234.30	-6.04	-4.25	0.23

2500.00	2499.95	-5.44	0.29	270.37	-6.28	-3.98	0.07	2600.00	2599.95	-5.13	0.31	334.39	-6.04	-4.35	0.32
2700.00	2699.95	-4.00	0.27	230.27	-5.05	-4.64	0.16	2800.00	2799.95	-5.18	0.50	251.84	-6.26	-5.21	0.23

2700.00 2699.95 -4.99 0.27 229.27 -5.95 -4.64 0.46 2800.00 2799.95 -5.18 0.59 251.84 -6.26 -5.31 0.36
 3000.00 2999.94 -5.41 0.61 242.11 -6.68 -6.20 0.12 3000.00 2999.94 -5.84 0.61 220.81 -7.20 -7.10 0.14

2900.00	2899.94	-5.41	0.64	242.11	-6.68	-6.29	0.12	3000.00	2999.94	-5.84	0.61	229.81	-7.29	-7.19	0.14
3100.00	3099.93	-6.48	0.51	201.04	-8.04	-7.76	0.00	3200.00	3199.93	-7.30	0.51	170.00	-8.00	-7.91	0.09

3100.00 3099.93 -6.48 0.51 201.04 -8.04 -7.76 0.29 3200.00 3199.93 -7.30 0.51 178.29 -8.90 -7.91 0.20
3300.00 3299.93 -8.10 0.44 146.11 -9.67 -7.68 0.27 3400.00 3399.93 -8.10 0.33 145.00 -10.50 -7.05

3300.00 3299.92 -8.10 0.44 146.11 -9.67 -7.68 0.27 3400.00 3399.92 -9.10 0.82 145.08 -10.58 -7.05

0.38 3500.00 3499.91 -10.32 0.75 139.68 -11.66 -6.22 0.10 3600.00 3599.90 -11.50 0.83 136.44 -12.69

-5.30 0.09 3700.00 3699.89 -12.43 0.62 117.06 -13.46 -4.32 0.32 3800.00 3799.88 -12.93 0.98 90.50 -

13.71 -2.98 0.50 3900.00 3899.84 -14.29 2.28 116.69 -14.61 -0.36 1.47 4000.00 3999.75 -17.01 2.66

120.21 -16.67 3.42 0.41 4100.00 4099.65 -19.85 2.33 120.01 -18.85 7.19 0.33 4200.00 4199.56 -22.57

2.43 120.48 -20.94 10.78 0.10 4300.00 4299.46 -25.38 2.73 115.84 -23.06 14.75 0.37 4400.00 4399.33 -

28.56 3.20 118.72 -25.44 19.34 0.49 4410.00 4409.31 -28.88 3.04 112.00 -25.67 19.83 3.97 The

Horizontal Displacement (in Feet) at Measured Depth 4410.00 is 32.44 in a Direction of 142.31 Degrees  =

HEADER INFORMATION

Company: EOG Resources
 Field: Platte
 Site Name: Platte "23" FEE #2-H Mag Dec.Corr. +8.82 EAST TO GRID
 Well Name: Platte "23" Fee 2-H
 Wellpath Name: Original Hole AFE / OCS:
 Survey Name: Pathfinder MWD Survey Survey Date: 4/3/2006 Survey Type: 100 - 4410 Gyro Sur
 4432 - 8629 Pathfinder MWD Survey :
 Depth Units: ft

SURFACE LOCATION

Site Northing 201316.4
 Site Easting 131082.3

BOTTOM HOLE LOCATION

BHL MD 8629
 BHL TVD 4931.33

WELL INFORMATION

Well Northing: 201316.4
 Well Easting: 131082.3
 Rig K.B: 0
 Vsec Angle: 358.5
 Vsec North: 0
 Vsec East: 0

SURVEY LIST

MD	INC	AZI	TVD	NS	EW	VSEC	DLS
0	0	0.12	0	0	0	0	0
100	0.15	336.86	100	0.12	-0.05	0.12	0.15
200	0.16	34.79	200	0.36	-0.02	0.36	0.15
300	0.17	288.35	300	0.52	-0.08	0.52	0.26
400	0.17	108.62	400	0.52	-0.08	0.52	0.34
500	0.33	201.05	500	0.2	-0.05	0.2	0.38
600	0.36	221.69	600	-0.3	-0.36	-0.29	0.13
700	0.27	228.65	700	-0.69	-0.75	-0.67	0.1
800	0.38	314.77	799.99	-0.62	-1.16	-0.59	0.45
900	0.44	309.43	899.99	-0.14	-1.69	-0.09	0.07
1000	0.19	264.85	999.99	0.09	-2.15	0.15	0.33
1100	0.1	334.75	1099.99	0.15	-2.35	0.22	0.18
1200	0.13	22.12	1199.99	0.34	-2.35	0.4	0.1
1300	0.19	351.51	1299.99	0.61	-2.33	0.67	0.1
1400	0.28	192.43	1399.99	0.53	-2.41	0.6	0.46
1500	0.51	204.04	1499.99	-0.11	-2.64	-0.04	0.24
1600	0.59	195.66	1599.98	-1.01	-2.96	-0.94	0.11
1700	0.58	193.21	1699.98	-2	-3.22	-1.92	0.03
1800	0.58	183.29	1799.97	-3	-3.36	-2.91	0.1
1900	0.6	178.65	1899.97	-4.03	-3.38	-3.94	0.05
2000	0.37	152.32	1999.96	-4.84	-3.22	-4.75	0.31
2100	0.26	135.52	2099.96	-5.29	-2.91	-5.21	0.14
2200	0.19	211.23	2199.96	-5.59	-2.83	-5.51	0.28

2300	0.3	213.97	2299.96	-5.95	-3.07	-5.87	0.11
2400	0.3	256.39	2399.96	-6.23	-3.47	-6.13	0.22
2500	0.29	270.37	2499.96	-6.29	-3.97	-6.18	0.07
2600	0.31	334.39	2599.96	-6.04	-4.34	-5.93	0.32
2700	0.27	229.27	2699.96	-5.95	-4.64	-5.83	0.46
2800	0.59	251.84	2799.95	-6.27	-5.31	-6.13	0.36
2900	0.64	242.11	2899.95	-6.69	-6.29	-6.52	0.12
3000	0.61	229.81	2999.94	-7.29	-7.19	-7.1	0.14
3100	0.51	201.04	3099.94	-8.05	-7.76	-7.85	0.29
3200	0.51	178.29	3199.93	-8.91	-7.9	-8.7	0.2
3300	0.44	146.11	3299.93	-9.68	-7.68	-9.47	0.27
3400	0.82	145.08	3399.92	-10.58	-7.05	-10.39	0.38
3500	0.75	139.68	3499.91	-11.67	-6.22	-11.5	0.1
3600	0.83	136.44	3599.9	-12.69	-5.3	-12.55	0.09
3700	0.62	117.06	3699.9	-13.46	-4.32	-13.34	0.32
3800	0.98	90.5	3799.89	-13.72	-2.98	-13.63	0.51
3900	2.28	116.69	3899.84	-14.62	-0.35	-14.6	1.47
4000	2.66	120.21	3999.75	-16.68	3.44	-16.76	0.41
4100	2.33	120.01	4099.66	-18.86	7.2	-19.04	0.33
4200	2.43	120.48	4199.57	-20.95	10.79	-21.23	0.1
4300	2.73	115.84	4299.47	-23.07	14.76	-23.45	0.37
4400	3.2	118.72	4399.34	-25.45	19.35	-25.94	0.49
4410	3.04	112	4409.32	-25.68	19.84	-26.19	3.99
4432	2.73	113.41	4431.29	-26.11	20.86	-26.64	1.45
4463	2.46	93.02	4462.26	-26.43	22.21	-27.01	3.08
4495	4.04	36.24	4494.22	-25.56	23.56	-26.17	10.59
4526	8.44	15.32	4525.03	-22.48	24.81	-23.13	15.75
4558	13.63	10.23	4556.43	-16.5	26.1	-17.18	16.49
4590	19.26	11.9	4587.11	-7.62	27.86	-8.35	17.65
4621	24.97	13.92	4615.81	3.74	30.49	2.94	18.58
4653	30.07	11.46	4644.18	18.16	33.71	17.28	16.33
4684	35	7.33	4670.31	34.61	36.39	33.64	17.43
4716	39.92	3.02	4695.71	53.98	38.1	52.96	17.41
4748	41.42	1.44	4719.98	74.81	38.91	73.77	5.69
4780	42.12	0.91	4743.85	96.12	39.34	95.06	2.45
4812	44.67	359.33	4767.1	118.11	39.38	117.03	8.66
4844	47.4	357.31	4789.31	141.12	38.7	140.06	9.66
4876	49.42	355.29	4810.56	165	37.15	163.97	7.88
4908	51.7	353.09	4830.88	189.58	34.64	188.61	8.89
4940	54.96	350.45	4850	214.98	30.95	214.09	12.15
4972	58.92	349.13	4867.45	241.36	26.19	240.6	12.85
5004	62.87	347.55	4883.01	268.74	20.53	268.11	13.08
5036	65.69	345.71	4896.9	296.78	13.86	296.32	10.22
5068	67.88	345.7	4909.51	325.28	6.6	324.99	6.84
5100	70.52	346.58	4920.87	354.32	-0.56	354.21	8.64
5132	73.78	347.38	4930.68	383.99	-7.42	384.05	10.46
5164	75.53	346.76	4939.15	414.07	-14.33	414.3	5.78
5196	78.26	346.93	4946.4	444.41	-21.42	444.82	8.55
5228	81.95	347.02	4951.9	475.12	-28.52	475.7	11.53
5260	84.77	347.11	4955.6	506.1	-35.64	506.86	8.82
5292	84.86	346.67	4958.49	537.13	-42.86	538.07	1.4
5323	87.58	347.11	4960.54	567.26	-49.88	568.37	8.89

5355	89.52	347.38	4961.35	598.46	-56.94	599.74	6.12
5387	89.16	346.67	4961.72	629.64	-64.13	631.1	2.49
5419	91.8	349.22	4961.45	660.93	-70.81	662.55	11.47
5451	91.45	349.92	4960.54	692.38	-76.6	694.15	2.44
5483	91.63	351.33	4959.68	723.94	-81.81	725.84	4.44
5514	91.71	351.51	4958.78	754.58	-86.43	756.59	0.64
5546	90.57	351.51	4958.14	786.23	-91.16	788.34	3.56
5579	89.43	352.82	4958.14	818.92	-95.65	821.14	5.26
5610	89.43	353	4958.45	849.68	-99.48	851.99	0.58
5643	89.25	353.26	4958.83	882.44	-103.43	884.84	0.96
5674	91.71	355.2	4958.57	913.28	-106.54	915.75	10.11
5706	91.71	355.9	4957.61	945.17	-109.02	947.7	2.19
5738	90.66	356.95	4956.95	977.1	-111.02	979.67	4.64
5770	90.13	356.6	4956.73	1009.05	-112.82	1011.65	1.98
5802	90.31	356.6	4956.61	1040.99	-114.72	1043.64	0.56
5834	90.13	357.57	4956.49	1072.95	-116.34	1075.62	3.08
5866	90.57	358.36	4956.29	1104.93	-117.48	1107.62	2.83
5897	91.19	359.15	4955.81	1135.91	-118.15	1138.62	3.24
5928	91.28	359.06	4955.15	1166.9	-118.64	1169.61	0.41
5961	91.63	359.33	4954.31	1199.89	-119.1	1202.6	1.34
5992	92.15	0.73	4953.29	1230.87	-119.09	1233.57	4.82
6024	92.07	0.38	4952.11	1262.85	-118.78	1265.52	1.12
6056	90.48	0.12	4951.4	1294.84	-118.64	1297.5	5.03
6088	90.31	0.12	4951.18	1326.84	-118.57	1329.49	0.53
6120	90.66	0.38	4950.9	1358.84	-118.43	1361.47	1.36
6184	91.1	0.38	4949.92	1422.83	-118.01	1425.43	0.69
6248	90.22	359.85	4949.18	1486.82	-117.88	1489.4	1.61
6312	90.75	0.03	4948.64	1550.82	-117.94	1553.38	0.87
6377	90.22	0.29	4948.09	1615.82	-117.76	1618.35	0.91
6439	90.22	359.86	4947.85	1677.82	-117.68	1680.32	0.69
6504	90.57	359.86	4947.41	1742.81	-117.84	1745.3	0.54
6569	91.8	0.03	4946.06	1807.8	-117.9	1810.27	1.91
6632	90.75	359.42	4944.66	1870.78	-118.21	1873.23	1.93
6695	90.22	357.92	4944.13	1933.76	-119.67	1936.23	2.53
6759	91.28	358.54	4943.29	1997.72	-121.64	2000.22	1.92
6823	90.75	358.54	4942.16	2061.69	-123.27	2064.21	0.83
6888	90.57	358.18	4941.41	2126.66	-125.13	2129.21	0.62
6952	90.22	358.89	4940.97	2190.64	-126.77	2193.21	1.24
7015	90.13	0.03	4940.77	2253.63	-127.36	2256.2	1.82
7079	90.13	0.73	4940.63	2317.63	-126.94	2320.16	1.09
7142	90.31	0.38	4940.39	2380.63	-126.33	2383.12	0.62
7206	90.31	0.03	4940.04	2444.63	-126.1	2447.09	0.55
7270	90.4	359.94	4939.64	2508.63	-126.12	2511.07	0.2
7334	90.57	0.56	4939.1	2572.62	-125.84	2575.04	1
7399	89.16	0.47	4939.25	2637.62	-125.25	2639.99	2.17
7463	89.25	0.65	4940.14	2701.61	-124.63	2703.95	0.31
7527	88.37	0.12	4941.47	2765.59	-124.2	2767.9	1.61
7590	90.4	359.68	4942.15	2828.59	-124.31	2830.87	3.3
7655	90.4	358.8	4941.69	2893.58	-125.17	2895.86	1.35
7719	90.31	357.75	4941.3	2957.55	-127.1	2959.86	1.65
7783	90.66	358.01	4940.76	3021.5	-129.46	3023.85	0.68
7847	90.75	358.1	4939.97	3085.46	-131.64	3087.85	0.2

7911	91.1	358.62	4938.93	3149.42	-133.47	3151.84	0.98
7974	91.01	358.18	4937.77	3212.39	-135.23	3214.83	0.71
8038	90.84	357.92	4936.74	3276.34	-137.4	3278.82	0.49
8102	90.92	357.75	4935.76	3340.29	-139.82	3342.8	0.29
8166	90.48	357.66	4934.98	3404.23	-142.38	3406.79	0.7
8230	90.48	357.57	4934.44	3468.18	-145.05	3470.78	0.14
8293	92.15	358.1	4933	3531.11	-147.43	3533.76	2.78
8357	90.75	356.78	4931.38	3595.02	-150.28	3597.73	3.01
8422	88.64	355.99	4931.72	3659.89	-154.38	3662.68	3.47
8453	90.31	356.31	4932.01	3690.82	-156.46	3693.65	5.49
8583	90.13	356.34	4931.51	3820.55	-164.8	3823.55	0.14
8629	90.31	356.43	4931.33	3866.46	-167.7	3869.52	0.44

vey :

Northing	Easting	Latitude	Longitude
201316.44	131082.29	32°48'56.015N	104°33'39.556W
201316.47	131082.27	32°48'56.016N	104°33'39.557W
201316.55	131082.28	32°48'56.019N	104°33'39.557W
201316.6	131082.26	32°48'56.020N	104°33'39.557W
201316.59	131082.26	32°48'56.020N	104°33'39.557W
201316.5	131082.27	32°48'56.017N	104°33'39.557W
201316.35	131082.18	32°48'56.012N	104°33'39.561W
201316.23	131082.06	32°48'56.008N	104°33'39.565W
201316.25	131081.94	32°48'56.009N	104°33'39.570W
201316.4	131081.77	32°48'56.014N	104°33'39.576W
201316.47	131081.63	32°48'56.016N	104°33'39.582W
201316.48	131081.57	32°48'56.017N	104°33'39.584W
201316.54	131081.57	32°48'56.018N	104°33'39.584W
201316.62	131081.58	32°48'56.021N	104°33'39.584W
201316.6	131081.55	32°48'56.020N	104°33'39.585W
201316.4	131081.48	32°48'56.014N	104°33'39.587W
201316.13	131081.39	32°48'56.005N	104°33'39.591W
201315.83	131081.31	32°48'55.995N	104°33'39.594W
201315.52	131081.26	32°48'55.985N	104°33'39.596W
201315.21	131081.26	32°48'55.975N	104°33'39.596W
201314.96	131081.31	32°48'55.967N	104°33'39.594W
201314.83	131081.4	32°48'55.963N	104°33'39.590W
201314.73	131081.42	32°48'55.960N	104°33'39.589W

201314.62	131081.35	32°48'55.956N	104°33'39.592W
201314.54	131081.23	32°48'55.953N	104°33'39.597W
201314.52	131081.08	32°48'55.953N	104°33'39.603W
201314.6	131080.96	32°48'55.955N	104°33'39.607W
201314.62	131080.87	32°48'55.956N	104°33'39.611W
201314.53	131080.67	32°48'55.953N	104°33'39.618W
201314.4	131080.37	32°48'55.949N	104°33'39.630W
201314.21	131080.1	32°48'55.943N	104°33'39.640W
201313.98	131079.92	32°48'55.935N	104°33'39.647W
201313.72	131079.88	32°48'55.927N	104°33'39.649W
201313.49	131079.95	32°48'55.919N	104°33'39.646W
201313.21	131080.14	32°48'55.910N	104°33'39.639W
201312.88	131080.39	32°48'55.899N	104°33'39.629W
201312.57	131080.67	32°48'55.889N	104°33'39.618W
201312.33	131080.97	32°48'55.882N	104°33'39.607W
201312.26	131081.38	32°48'55.879N	104°33'39.591W
201311.98	131082.18	32°48'55.870N	104°33'39.560W
201311.35	131083.34	32°48'55.850N	104°33'39.516W
201310.69	131084.48	32°48'55.829N	104°33'39.471W
201310.05	131085.58	32°48'55.808N	104°33'39.429W
201309.41	131086.79	32°48'55.787N	104°33'39.383W
201308.68	131088.19	32°48'55.764N	104°33'39.329W
201308.61	131088.34	32°48'55.761N	104°33'39.323W
201308.48	131088.65	32°48'55.757N	104°33'39.311W
201308.38	131089.06	32°48'55.754N	104°33'39.296W
201308.65	131089.47	32°48'55.763N	104°33'39.280W
201309.58	131089.85	32°48'55.793N	104°33'39.265W
201311.41	131090.24	32°48'55.852N	104°33'39.250W
201314.11	131090.78	32°48'55.940N	104°33'39.230W
201317.58	131091.58	32°48'56.053N	104°33'39.199W
201321.97	131092.56	32°48'56.196N	104°33'39.162W
201326.99	131093.38	32°48'56.358N	104°33'39.131W
201332.89	131093.9	32°48'56.550N	104°33'39.111W
201339.24	131094.15	32°48'56.756N	104°33'39.102W
201345.74	131094.28	32°48'56.967N	104°33'39.098W
201352.44	131094.29	32°48'57.185N	104°33'39.098W
201359.45	131094.08	32°48'57.412N	104°33'39.106W
201366.73	131093.61	32°48'57.649N	104°33'39.125W
201374.22	131092.85	32°48'57.892N	104°33'39.155W
201381.96	131091.72	32°48'58.143N	104°33'39.199W
201390.01	131090.27	32°48'58.404N	104°33'39.256W
201398.35	131088.55	32°48'58.675N	104°33'39.323W
201406.9	131086.51	32°48'58.952N	104°33'39.401W
201415.58	131084.3	32°48'59.234N	104°33'39.487W
201424.43	131082.12	32°48'59.521N	104°33'39.572W
201433.48	131080.03	32°48'59.815N	104°33'39.653W
201442.65	131077.92	32°49'00.112N	104°33'39.735W
201451.89	131075.76	32°49'00.412N	104°33'39.819W
201461.25	131073.59	32°49'00.716N	104°33'39.903W
201470.7	131071.43	32°49'01.022N	104°33'39.987W
201480.16	131069.22	32°49'01.329N	104°33'40.072W
201489.34	131067.08	32°49'01.627N	104°33'40.155W

201498.85	131064.93	32°49'01.936N	104°33'40.239W
201508.35	131062.74	32°49'02.244N	104°33'40.324W
201517.89	131060.71	32°49'02.554N	104°33'40.403W
201527.48	131058.94	32°49'02.865N	104°33'40.471W
201537.1	131057.35	32°49'03.177N	104°33'40.533W
201546.43	131055.94	32°49'03.480N	104°33'40.588W
201556.08	131054.5	32°49'03.793N	104°33'40.644W
201566.04	131053.13	32°49'04.117N	104°33'40.698W
201575.42	131051.97	32°49'04.421N	104°33'40.744W
201585.41	131050.76	32°49'04.745N	104°33'40.791W
201594.8	131049.81	32°49'05.050N	104°33'40.828W
201604.52	131049.06	32°49'05.366N	104°33'40.858W
201614.26	131048.45	32°49'05.681N	104°33'40.882W
201623.99	131047.9	32°49'05.998N	104°33'40.904W
201633.73	131047.32	32°49'06.314N	104°33'40.927W
201643.47	131046.83	32°49'06.630N	104°33'40.947W
201653.22	131046.48	32°49'06.946N	104°33'40.961W
201662.66	131046.27	32°49'07.253N	104°33'40.970W
201672.11	131046.13	32°49'07.559N	104°33'40.976W
201682.16	131045.99	32°49'07.886N	104°33'40.982W
201691.61	131045.99	32°49'08.192N	104°33'40.983W
201701.35	131046.08	32°49'08.509N	104°33'40.980W
201711.1	131046.13	32°49'08.825N	104°33'40.979W
201720.86	131046.15	32°49'09.142N	104°33'40.979W
201730.61	131046.19	32°49'09.459N	104°33'40.978W
201750.12	131046.32	32°49'10.092N	104°33'40.975W
201769.62	131046.36	32°49'10.725N	104°33'40.975W
201789.13	131046.34	32°49'11.358N	104°33'40.978W
201808.94	131046.39	32°49'12.002N	104°33'40.977W
201827.84	131046.42	32°49'12.615N	104°33'40.978W
201847.65	131046.37	32°49'13.258N	104°33'40.981W
201867.45	131046.35	32°49'13.901N	104°33'40.984W
201886.65	131046.26	32°49'14.525N	104°33'40.989W
201905.85	131045.81	32°49'15.148N	104°33'41.008W
201925.34	131045.21	32°49'15.781N	104°33'41.032W
201944.84	131044.71	32°49'16.414N	104°33'41.053W
201964.64	131044.15	32°49'17.056N	104°33'41.076W
201984.14	131043.65	32°49'17.690N	104°33'41.097W
202003.35	131043.47	32°49'18.313N	104°33'41.106W
202022.85	131043.6	32°49'18.946N	104°33'41.102W
202042.05	131043.78	32°49'19.570N	104°33'41.097W
202061.56	131043.85	32°49'20.203N	104°33'41.096W
202081.07	131043.85	32°49'20.836N	104°33'41.098W
202100.57	131043.93	32°49'21.469N	104°33'41.096W
202120.38	131044.11	32°49'22.113N	104°33'41.091W
202139.89	131044.3	32°49'22.746N	104°33'41.085W
202159.39	131044.43	32°49'23.379N	104°33'41.082W
202178.59	131044.4	32°49'24.002N	104°33'41.085W
202198.4	131044.14	32°49'24.645N	104°33'41.096W
202217.9	131043.55	32°49'25.278N	104°33'41.120W
202237.39	131042.83	32°49'25.911N	104°33'41.150W
202256.89	131042.17	32°49'26.544N	104°33'41.177W

202276.38	131041.61	32°49'27.177N	104°33'41.200W
202295.57	131041.07	32°49'27.800N	104°33'41.222W
202315.07	131040.41	32°49'28.433N	104°33'41.249W
202334.56	131039.67	32°49'29.065N	104°33'41.279W
202354.05	131038.89	32°49'29.698N	104°33'41.311W
202373.54	131038.08	32°49'30.331N	104°33'41.344W
202392.72	131037.35	32°49'30.954N	104°33'41.373W
202412.2	131036.48	32°49'31.586N	104°33'41.408W
202431.97	131035.23	32°49'32.228N	104°33'41.458W
202441.4	131034.6	32°49'32.534N	104°33'41.483W
202480.94	131032.06	32°49'33.817N	104°33'41.584W
202494.93	131031.17	32°49'34.271N	104°33'41.619W

Stogner, Michael, EMNRD

From: Stogner, Michael, EMNRD
To: Ocean Munds-Dry
Cc:
Subject: RE: SD Applications
Attachments:

Sent: Wed 5/10/2006 11:24 AM

RE: Platte "23" Fee Com. #1H

At what depth will this well encounter the Base-of-the-Abo/Top-of-the-Wolfcamp formations?

From: Ocean Munds-Dry [mailto:Omundsdry@hollandhart.com]
Sent: Wed 4/26/2006 2:58 PM
To: Stogner, Michael, EMNRD
Subject: FW: SD Applications

Mr. Stogner:

Pursuant to your request, please find directional surveys for each of the simultaneous dedication applications for EOG. Please let me know if you need anything further.

Thank you,
Ocean

From: Donny_Glanton@eogresources.com [mailto:Donny_Glanton@eogresources.com]
Sent: Wednesday, April 26, 2006 2:46 PM
To: Ocean Munds-Dry
Cc: Rick_Lanning@eogresources.com
Subject: SD Applications

Dear Oceans,

As per your request to Mr. Lanning, please find the actual directional surveys of the four (4) wells identified below.

Let me know if you need anything further in this regard,

Donny G. Glanton
432-686-3642

----- Forwarded by Rick Lanning/EOGResources on 04/24/2006 05:54 PM -----

"Ocean Munds-Dry" <Omundsdry@hollandhart.com>

To <Rick_Lanning@eogresources.com>

cc

04/24/2006 05:34 PM

Subject SD applications

Hi Rick:

Mr. Stogner at the NMOCD just called regarding the 4 simultaneous dedication applications we filed for EOG for the: Yellow A7 Fee 1H and 2H, the Yellow B7 Fee 1H and 2H; the Platte Well No. 1H and 2H and the Rio Grande "23" Fed Well No. 1H and 2H. He asked that we send him the actual directional surveys for the 4 existing wells in each of these applications. He said they are not up on the OCD website yet so he can't look them up himself. Do you have these surveys and if so, can you forward to me so I can get them to Stogner? It occurs to me that these might not all be your applications and in that case I'm not sure who they belong to - if you could help in directing them to the right person, I'd appreciate it.

Thanks,
Ocean

Ocean Munds-Dry
Holland & Hart LLP
110 N. Guadalupe Suite 1
Santa Fe, NM 87501
Phone (505) 988-4421
Fax (866) 851-8340
E-mail: Omundsdry@hollandhart.com

Stogner, Michael, EMNRD

From: Ocean Munds-Dry [Omundsdry@hollandhart.com]
To: Stogner, Michael, EMNRD
Cc:
Subject: RE: SD Applications
Attachments:

Sent: Wed 5/10/2006 2:46 PM

I am told it is estimated at 4,920 feet.

*SL: 600' FSL - 125' FWH
 Estimated subsurface loc.
 will be
 600' FSL 125' FWH
 + 245.5' north + 211' East
 845.5' FSL 336' FWH*

From: Stogner, Michael, EMNRD [mailto:michael.stogner@state.nm.us]
Sent: Wednesday, May 10, 2006 11:24 AM
To: Ocean Munds-Dry
Subject: RE: SD Applications

RE: Platte "23" Fee Com. #1H

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Subject SD applications

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Thanks,
Ocean

Ocean Munds-Dry
Holland & Hart LLP
110 N. Guadalupe Suite 1
Santa Fe, NM 87501
Phone (505) 988-4421
Fax (866) 851-8340
E-mail: Omundsdry@hollandhart.com

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Stogner, Michael, EMNRD

From: Stogner, Michael, EMNRD
To: Arrant, Bryan, EMNRD
Cc:
Subject: FW: SD Applications
Attachments:

Sent: Wed 5/10/2006 3:29 PM

Bryan,

Does this look right for the SW/4 Sec. 23-T17S-R24E?
Thanks.

From: Ocean Munds-Dry [mailto:Omundsdry@hollandhart.com]
Sent: Wed 5/10/2006 2:46 PM
To: Stogner, Michael, EMNRD
Subject: RE: SD Applications

I am told it is estimated at 4,920 feet.

From: Stogner, Michael, EMNRD [mailto:michael.stogner@state.nm.us]
Sent: Wednesday, May 10, 2006 11:24 AM
To: Ocean Munds-Dry
Subject: RE: SD Applications

RE: Platte "23" Fee Com. #1H (30-015-34773)

At what depth will this well encounter the Base-of-the-Abo/Top-of-the-Wolfcamp formations?

From: Ocean Munds-Dry [mailto:Omundsdry@hollandhart.com]
Sent: Wed 4/26/2006 2:58 PM
To: Stogner, Michael, EMNRD
Subject: FW: SD Applications

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Thank you,
Ocean

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Sent: Wednesday, April 26, 2006 2:46 PM
To: Ocean Munds-Dry
Cc: Rick_Lanning@eogresources.com
Subject: SD Applications

Dear Oceans,

As per your request to Mr. Lanning, please find the actual directional surveys of the four (4) wells identified below.

Let me know if you need anything further in this regard,

Donny G. Glanton
432-686-3642

----- Forwarded by Rick Lanning/EOGResources on 04/24/2006 05:54 PM -----

"Ocean Munds-Dry" <Omundsdry@hollandhart.com>

To <Rick_Lanning@eogresources.com>

cc

04/24/2006 05:34 PM

Subject SD applications

Hi Rick:

Mr. Stogner at the NMOCD just called regarding the 4 simultaneous dedication applications we filed for EC for the: Yellow A7 Fee 1H and 2H, the Yellow B7 Fee 1H and 2H; the Platte Well No. 1H and 2H and the R Grande "23" Fed Well No. 1H and 2H. He asked that we send him the actual directional surveys for the 4 existing wells in each of these applications. He said they are not up on the OCD website yet so he can't look them up himself. Do you have these surveys and if so, can you forward to me so I can get them to Stogner. It occurs to me that these might not all be your applications and in that case I'm not sure who they belong to you could help in directing them to the right person, I'd appreciate it.

Thanks,
Ocean

Ocean Munds-Dry
Holland & Hart LLP
110 N. Guadalupe Suite 1
Santa Fe, NM 87501
Phone (505) 988-4421
Fax (866) 851-8340
E-mail: Omundsdry@hollandhart.com

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Stogner, Michael, EMNRD

From: Arrant, Bryan, EMNRD
To: Stogner, Michael, EMNRD
Cc:
Subject: RE: SD Applications
Attachments:

Sent: Wed 5/10/2006 3:55 PM

Mike,

I have not received the logs for the Platte '23' Fee Com. # 1H, located in the SW/4 of 23-17S-24E.

However, I have a log that lies to the west of this location in section 22.

The well is EOG Resources, Inc.'s: Jordan '22' Fee Com # 1H. It is located in 22-17S-24E. The legal location is 660' FSL & 760' FEL. This is the surface location of the well. The ground level for this well is 3729'. The top of the Wolfcamp is 4904' for this well. The Wolfcamp formation as you may know is where the density and the neutron starts to track to the left before it goes into a limestone/dolostone facies.

One can also pick the top on the 5 1/2' scale of the log where the anhydrite plays out.

Call if you have any ???s

If need be, I can fax over this log tomorrow.

Bryan

From: Stogner, Michael, EMNRD
Sent: Wednesday, May 10, 2006 3:30 PM
To: Arrant, Bryan, EMNRD
Subject: FW: SD Applications

Bryan,

Does this look right for the SW/4 Sec. 23-T17S-R24E?

Thanks.

From: Ocean Munds-Dry [mailto:Omundsdry@hollandhart.com]
Sent: Wed 5/10/2006 2:46 PM
To: Stogner, Michael, EMNRD
Subject: RE: SD Applications

I am told it is estimated at 4,920 feet.

From: Stogner, Michael, EMNRD [mailto:michael.stogner@state.nm.us]
Sent: Wednesday, May 10, 2006 11:24 AM
To: Ocean Munds-Dry
Subject: RE: SD Applications

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To: Stogner, Michael, EMNRD
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Thank you,
Ocean

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Sent: Wednesday, April 26, 2006 2:46 PM
To: Ocean Munds-Dry
Cc: Rick_Lanning@eogresources.com
Subject: SD Applications

Dear Oceans,

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Let me know if you need anything further in this regard,

Donny G. Glanton
432-686-3642

----- Forwarded by Rick Lanning/EOGResources on 04/24/2006 05:54 PM -----

"Ocean Munds-Dry" <Omundsdry@hollandhart.com>

To <Rick_Lanning@eogresources.com>

cc

04/24/2006 05:34 PM

Subject SD applications

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Thanks,
Ocean

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CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

05/10/06 11:01:24
OGOMES -TP7J
PAGE NO: 1

Sec : 23 Twp : 17S Rng : 24E Section Type : NORMAL

D 40.00 Federal owned	C 40.00 Federal owned	B 40.00 Federal owned	A 40.00 Federal owned
E 40.00 Federal owned	F 40.00 Federal owned	G 40.00 Federal owned	H 40.00 Federal owned

M0002: This is the first page

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

State of New Mexico
Energy, Minerals and Natural Resources

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

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, TX 79702		2. OGRID Number 7377
		3. API Number 30-015-34773
4. Property Code 35589	5. Property Name PLATTE 23 FEE COM	6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Ltn	Feet From	N/S Line	Feet From	E/W Line	County
M	23	17S	24E	M	600	S	125	W	EDDY

8. Pool Information

COLLINS RANCH; WOLFCAMP (GAS)	75010
-------------------------------	-------

Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3728
14. Multiple N	15. Proposed Depth 5200	16. Formation Wolfcamp	17. Contractor	18. Spud Date
Depth to Ground water 100		Distance from nearest fresh water well 700		Distance to nearest surface water 300
Pk: Liner: Synthetic ☒ 12 miles thick Clay ☐ Pit Volume: 10300 bbls Drilling Method: Closed Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☒ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	7	23	900	500	0
Prod	6.125	4.5	11.6	8890	750	0

Casing/Cement Program: Additional Comments

--

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

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 OCB-approved plan ☐.

Printed Name: Electronically filed by Mike Francis

Title: ROW Agent

Email Address: mike_franis@eogresources.com

Date: 4/6/2006

Phone: 4326863714

OIL CONSERVATION DIVISION

Approved By: Bryan Arrant

Title: Geologist

Approved Date: 4/11/2006

Expiration Date: 4/11/2007

Conditions of Approval Attached

1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brans Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

Energy, Minerals and Natural Resources**Oil Conservation Division****1220 S. St Francis Dr.****Santa Fe, NM 87505****WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-34773	2. Pool Code 75010	3. Pool Name COLLINS RANCH;WOLFCAMP (GAS)
4. Property Code 35589	5. Property Name PLATTE 23 FEE COM	6. Well No. 001H
7. OGRD No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3728

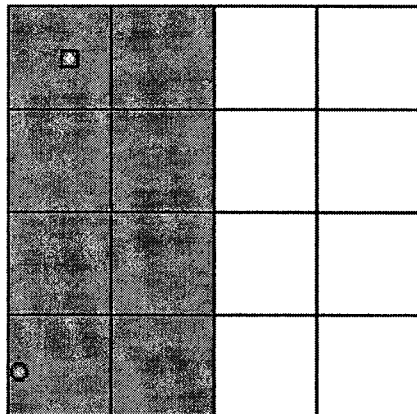
10. Surface Location

UL - Lot	Section	Township	Range	Lot Ltn	Feet From	N/S Line	Feet From	E/W Line	County
M	23	17S	24E		600	S	125	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Ltn	Feet From	N/S Line	Feet From	E/W Line	County
D	23	17S	24E	D	660	N	760	W	EDDY
12. Dedicated Acres 320.00	13. Joint or Infill	14. Consolidation Code	15. 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

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Mike Francis

Title: ROW Agent

Date: 4/6/2006

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.

Surveyed By: Terry Asel

Date of Survey: 3/17/2006

Certificate Number: 15079

Permit Comments

Operator: EOG RESOURCES INC , 7377

Well: PLATTE 23 FEE COM #001H

API: 30-015-34773

Created By	Comment	Comment Date
dglanton	Plat, Detailed Casing, Mud, Cement, Drilling Plan and H2S letter will be forwarded via regular mail.	4/6/2008

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: PLATTE 23 FEE COM #001H

API: 30-015-34773

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 10.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Will require a directional survey with the C-104
BArrant	As noted, operator to drill surface hole w/ fresh water mud.
BArrant	Please notify OCD time of spud & time to witness the cementing to surface of the 'water protection string' of casing.
BArrant	Providing operator drills another well in the same proration unit and intends to drill and produce from the same formation, an approval for an administrative SD from Santa Fe is required.

District I
1625 M. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease-4 Copies
Fee Lease-3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34773		Pool Code 75010	Pool Name Collins Ranch; Wolfcamp (Gas)
Property Code 3SS89	Property Name PLATTE 23 FEE COM		Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.		Elevation 3728'

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
M	23	17 SOUTH	24 EAST, N.M.P.M.		600	SOUTH	125	WEST	EDDY

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
D	23	17 SOUTH	24 EAST, N.M.P.M.		660	NORTH	760	WEST	EDDY

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.

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1927
Y=864447.3
X=428836.5
LAT.: N 32.8284381
LONG.: W 104.5649988

ENTRY POINT
NEW MEXICO EAST
NAD 1927
Y=861122.3
X=428747.3
LAT.: N 32.8172981
LONG.: W 104.5652881

SURFACE HOLE LOCATION
NEW MEXICO EAST
NAD 1927
Y=860421.9
X=428205.8
LAT.: N 32.8153698
LONG.: W 104.5670234

RECEIVED
APR 10 2006
SUBMITTED

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Donny G. Glanton 4/6/2006
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or other survey data by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 17, 2006
Date of Survey

Larry J. Asch
Signature and Seal of Professional Surveyor

Certificate Number **15079**

WOP 080317ML (cde)

Permit Information:

Well Name: Platte 23 Fee Com #1H

Location:

SL 600' FSL & 125' FWL, Section 23, T-17-S, R-24-E, Eddy Co., N.M.

BHL 660' FNL & 760' FWL, Section 23, T-17-S, R-24-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	11"	7"	23#	J-55	Surface
Production	8,890'	6-1/8"	4 1/2"	11.6#	P-110	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	300	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	200	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,890'	400	Lead: Interfill C + 1/4 pps Flocele
	350	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad@-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 950'	Fresh - Gel	8.6-8.8	28-34	N/c
950' - 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' - 5,200'	Cut Brine	8.8-9.2	28-34	10-15
4,200' - 8,890'	Polymer (Lateral)	9.0-9.4	40-45	10-25

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey/Calculation Method:	Minimum Curvature
Wellbore:	Platte 23 Fee Com #1H		
Design:	Plan #2		

Project:	Thames		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Platte 23 Fee Com #1H		
Site Position:		Northing:	660,421.90ft
From:	Map	Easting:	428,205.60ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	32° 48' 55.331 N
		Longitude:	104° 34' 1.284 W
		Grid Convergence:	-0.13 °

Well	Platte 23 Fee Com #1H					
Well Position	+N-S	0.0 ft	Northing:	660,421.90 ft	Latitude:	32° 48' 55.331 N
	+E-W	0.0 ft	Easting:	428,205.60 ft	Longitude:	104° 34' 1.284 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	3,728.0 ft

Wellbore	Platte 23 Fee Com #1H				
Magnetics	Model Name	Sample Date	Declination (T)	Dip Angle (T)	Field Strength (nT)
	IGRF2005	3/31/2006	8.68	60.66	49,362

Design:	Plan #2			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	N-S	E-W	Direction
	(ft)	(ft)	(ft)	(ft)
	0.0	0.0	0.0	8.91

Measured Depth	Inclination	Azimuth	Vertical Depth	+N-S	+E-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(1/100ft)	(1/100ft)	(1/100ft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,472.7	30.00	42.00	4,460.4	51.9	46.7	11.00	11.00	0.00	42.00	
4,622.7	30.00	42.00	4,590.3	107.6	96.9	0.00	0.00	0.00	0.00	
5,406.7	90.00	35.00	4,965.0	622.7	489.8	7.68	7.65	-0.89	351.93	
6,748.8	90.50	354.74	4,958.8	1,893.3	827.1	3.00	0.04	-3.00	-89.22	
8,889.8	90.50	354.74	4,940.0	4,025.2	630.9	0.00	0.00	0.00	0.00	
8,889.9	90.50	354.74	4,940.0	4,025.3	630.9	3.00	-2.92	-0.70	-166.42 BHL (Platte 23 #1H)	

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore Design:	Platte 23 Fee Com #1H Plan #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,300.0	11.00	42.00	4,299.4	7.1	6.4	8.0	11.00	11.00	0.00	
4,400.0	22.00	42.00	4,395.1	28.2	25.4	31.8	11.00	11.00	0.00	
4,472.7	30.00	42.00	4,460.4	51.9	46.7	58.5	11.00	11.00	0.00	
4,500.0	30.00	42.00	4,484.1	62.0	55.8	69.9	0.00	0.00	0.00	
4,600.0	30.00	42.00	4,570.7	99.2	89.3	111.8	0.00	0.00	0.00	
4,622.7	30.00	42.00	4,590.3	107.6	96.9	121.3	0.00	0.00	0.00	
4,700.0	35.89	40.58	4,655.2	139.2	124.6	156.8	7.68	7.62	-1.84	
4,800.0	43.53	39.25	4,732.0	188.2	165.5	211.5	7.68	7.64	-1.33	
4,900.0	51.17	38.25	4,799.7	245.5	211.4	275.3	7.68	7.65	-1.00	
5,000.0	58.83	37.44	4,857.1	310.2	261.6	347.0	7.68	7.66	-0.81	
5,100.0	66.49	36.75	4,902.9	381.0	315.2	425.2	7.68	7.66	-0.69	

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore Design:	Platte 23 Fee Com #1H Plan #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	N-S (ft)	E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,200.0	74.15	36.14	4,936.6	456.7	371.1	508.6	7.68	7.66	-0.61	
5,300.0	81.82	35.58	4,957.4	535.9	428.3	595.8	7.68	7.66	-0.56	
5,400.0	89.48	35.04	4,965.0	617.2	485.9	685.0	7.68	7.67	-0.54	
5,406.7	90.00	35.00	4,965.0	622.7	489.8	691.1	7.68	7.67	-0.54	
5,500.0	90.04	32.20	4,965.0	700.4	541.4	775.8	3.00	0.04	-3.00	
5,600.0	90.08	29.20	4,964.9	786.4	592.4	868.6	3.00	0.04	-3.00	
5,700.0	90.12	26.20	4,964.7	874.9	638.9	963.3	3.00	0.04	-3.00	
5,800.0	90.16	23.20	4,964.5	965.7	680.7	1,059.5	3.00	0.04	-3.00	
5,900.0	90.20	20.20	4,964.1	1,058.6	717.7	1,157.0	3.00	0.04	-3.00	
6,000.0	90.24	17.20	4,963.8	1,153.3	749.7	1,255.5	3.00	0.04	-3.00	
6,100.0	90.28	14.20	4,963.3	1,249.6	776.8	1,354.8	3.00	0.04	-3.00	
6,200.0	90.31	11.20	4,962.8	1,347.1	798.8	1,454.6	3.00	0.04	-3.00	
6,300.0	90.35	8.20	4,962.2	1,445.7	815.6	1,554.6	3.00	0.04	-3.00	
6,400.0	90.39	5.20	4,961.6	1,545.0	827.3	1,654.5	3.00	0.04	-3.00	
6,500.0	90.42	2.20	4,960.9	1,644.8	833.8	1,754.0	3.00	0.03	-3.00	
6,600.0	90.46	359.20	4,960.1	1,744.8	835.0	1,853.0	3.00	0.03	-3.00	
6,700.0	90.49	356.20	4,959.3	1,844.7	831.0	1,951.1	3.00	0.03	-3.00	
6,748.8	90.50	354.74	4,958.8	1,893.3	827.1	1,998.5	3.00	0.03	-3.00	
6,800.0	90.50	354.74	4,958.4	1,944.3	822.4	2,048.2	0.00	0.00	0.00	
6,900.0	90.50	354.74	4,957.5	2,043.9	813.3	2,145.1	0.00	0.00	0.00	
7,000.0	90.50	354.74	4,956.6	2,143.4	804.1	2,242.1	0.00	0.00	0.00	
7,100.0	90.50	354.74	4,955.7	2,243.0	795.0	2,339.0	0.00	0.00	0.00	
7,200.0	90.50	354.74	4,954.9	2,342.6	785.8	2,436.0	0.00	0.00	0.00	
7,300.0	90.50	354.74	4,954.0	2,442.2	776.6	2,533.0	0.00	0.00	0.00	
7,400.0	90.50	354.74	4,953.1	2,541.7	767.5	2,629.9	0.00	0.00	0.00	
7,500.0	90.50	354.74	4,952.2	2,641.3	758.3	2,726.9	0.00	0.00	0.00	
7,600.0	90.50	354.74	4,951.4	2,740.9	749.1	2,823.8	0.00	0.00	0.00	
7,700.0	90.50	354.74	4,950.5	2,840.5	740.0	2,920.8	0.00	0.00	0.00	
7,800.0	90.50	354.74	4,949.6	2,940.0	730.8	3,017.7	0.00	0.00	0.00	
7,900.0	90.50	354.74	4,948.7	3,039.6	721.6	3,114.7	0.00	0.00	0.00	
8,000.0	90.50	354.74	4,947.8	3,139.2	712.5	3,211.6	0.00	0.00	0.00	
8,100.0	90.50	354.74	4,947.0	3,238.8	703.3	3,308.6	0.00	0.00	0.00	
8,200.0	90.50	354.74	4,946.1	3,338.3	694.1	3,405.6	0.00	0.00	0.00	
8,300.0	90.50	354.74	4,945.2	3,437.9	685.0	3,502.5	0.00	0.00	0.00	
8,400.0	90.50	354.74	4,944.3	3,537.5	675.8	3,599.5	0.00	0.00	0.00	
8,500.0	90.50	354.74	4,943.4	3,637.1	666.6	3,696.4	0.00	0.00	0.00	
8,600.0	90.50	354.74	4,942.6	3,736.6	657.5	3,793.4	0.00	0.00	0.00	
8,700.0	90.50	354.74	4,941.7	3,836.2	648.3	3,890.3	0.00	0.00	0.00	
8,800.0	90.50	354.74	4,940.8	3,935.8	639.1	3,987.3	0.00	0.00	0.00	
8,889.8	90.50	354.74	4,940.0	4,025.2	630.9	4,074.3	0.00	0.00	0.00	
8,889.9	90.50	354.74	4,940.0	4,025.3	630.9	4,074.4	3.00	-2.92	-0.70	

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Platte 23 Fee Com #1H		
Design:	Plan #2		

Targets									
Target Name	hit/miss target	Dip Angle	Dip Dir	TVD	+N-S	+E-W	Northing	Easting	Latitude
Shape		(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	Longitude
LP (Platte 23 #1H)		0.00	0.00	4,965.0	61.8	635.0	660,483.70	428,840.60	32° 48' 55.956 N
- plan misses by 579.4ft at 5406.7ft MD (4965.0 TVD, 622.7 N, 489.8 E)									104° 33' 53.845 W
- Point									
BHL (Platte 23 #1H)		0.00	0.00	4,940.0	4,025.3	630.9	664,447.20	428,836.50	32° 49' 35.176 N
- plan hits target									104° 33' 53.995 W
- Point									
LP2		0.00	0.00	4,965.0	800.0	635.0	661,221.90	428,840.60	32° 49' 3.261 N
- plan misses by 229.2ft at 5406.7ft MD (4965.0 TVD, 622.7 N, 489.8 E)									104° 33' 53.864 W
- Point									

SITE DETAILS: Platte 23 Fee Com #1H

Site Centre Northing: 660421.90
Easting: 428205.60

Positional Uncertainty: 0.0
Convergence: -0.13
Local North: Grid

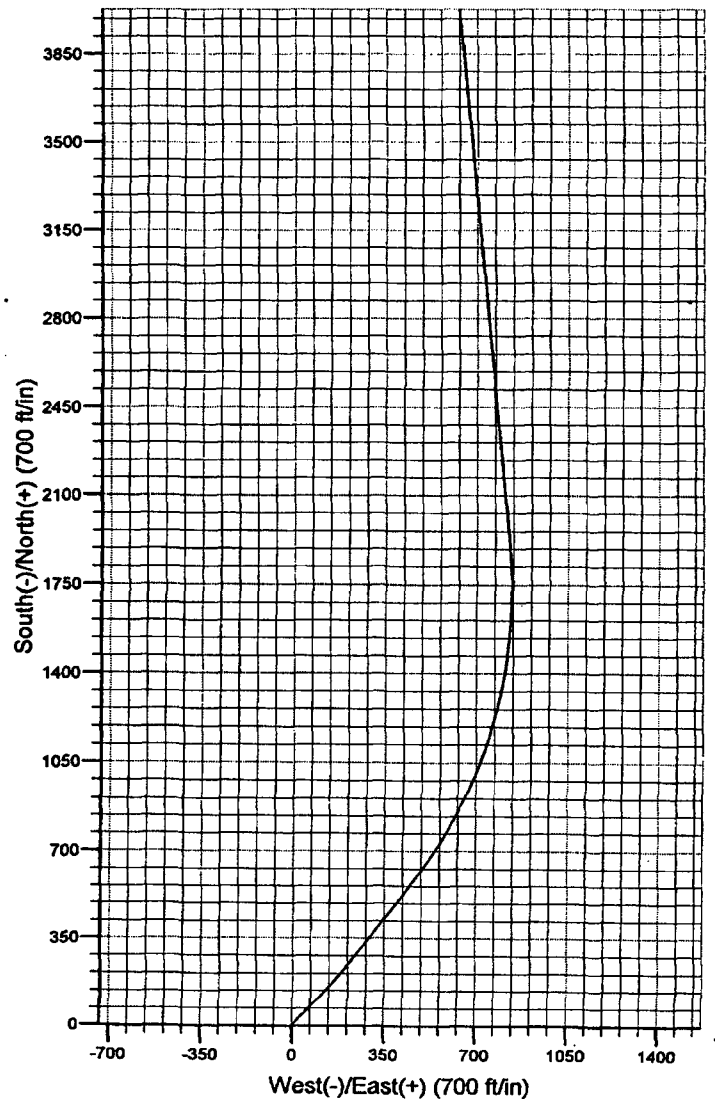
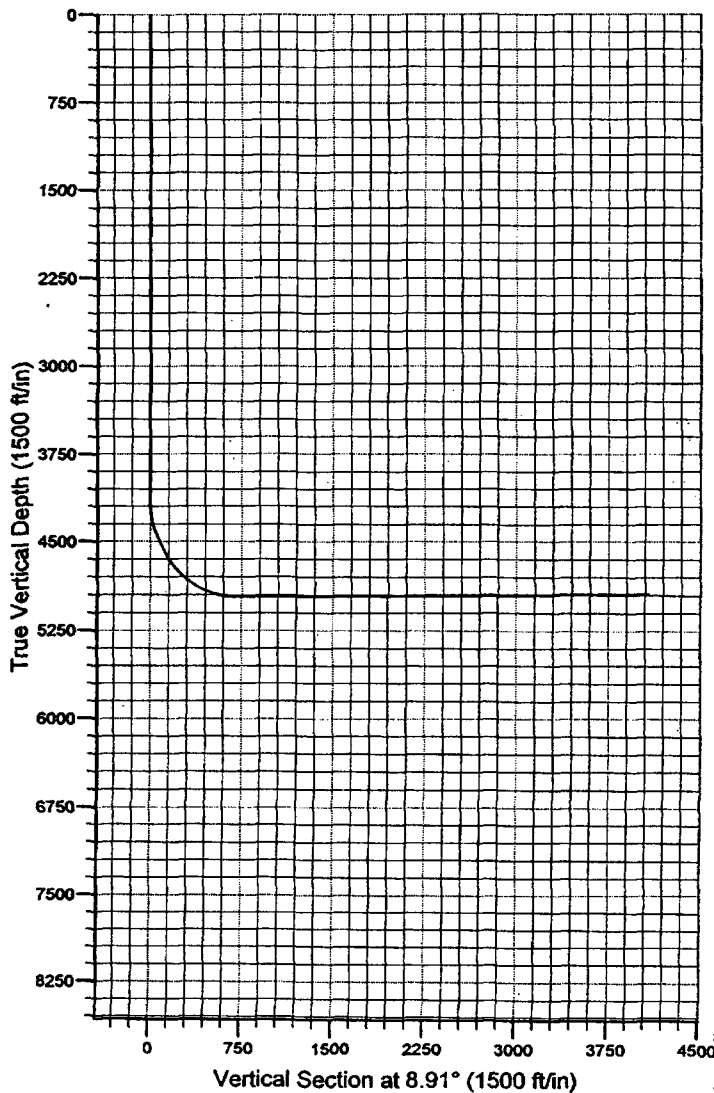
PROJECT DETAILS: Thames

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001

System Datum: Mean Sea Level

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
4200.0	0.00	0.00	4200.0	0.0	0.0	0.00	0.00	0.0	
4472.7	30.00	42.00	4460.4	51.9	46.7	11.00	42.00	58.5	
4622.7	30.00	42.00	4590.3	107.6	96.9	0.00	0.00	121.3	
5406.7	90.00	35.00	4965.0	622.7	489.8	7.68	351.93	691.1	
6748.8	90.50	354.74	4958.8	1893.3	827.1	3.00	-89.22	1998.5	
8889.8	90.50	354.74	4940.0	4025.2	630.9	0.00	0.00	4074.3	
8889.9	90.50	354.74	4940.0	4025.3	630.9	3.00	-166.42	4074.4	BHL (Platte 23 #1H)



State of New Mexico
Energy, Minerals and Natural Resources

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

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, TX 79702		2. OGRID Number 7377
		3. API Number 30-015-34489
4. Property Code 35321	5. Property Name PLATTE 23 FEE	6. Well No. 002H

7. Surface Location

UL - Lot N	Section 23	Township 17S	Range 24E	Lot Idn N	Feet From 660	N/S Line S	Feet From 1980	E/W Line W	County EDDY
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8. Pool Information

COLLINS RANCH;WOLFCAMP (GAS)	75010
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Additional Well Information

9. Well Type New Well	10. Well Type GAS	11. Cable/ Rotary	12. Lease Type Private	13. Ground Level Elevation 3713
14. Multiple N	15. Proposed Depth 5200	16. Formation Wolfcamp	17. Contractor	18. Spud Date 1/25/2005
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic ☒ 12" mils thick Clay ☐ Pit Volume: 10300 bbls Drilling Method: Closed Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☒ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	9.875	7	26	900	500	0
Prod	6.125	4.5	11.6	8750	750	0

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

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 NMOCB guidelines ☒ a general permit ☐ or an (attached) alternative OCB-approved plan ☐.

Printed Name: Electronically filed by Mike Francis

Title: ROW Agent

Email Address: mike_francis@eogresources.com

Date: 12/20/2005

Phone: 4326863714

OIL CONSERVATION DIVISION

Approved By: Bryan Arrant

Title: Geologist

Approved Date: 12/27/2005

Expiration Date: 12/27/2006

Conditions of Approval Attached

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-34489	2. Pool Code 75010	3. Pool Name COLLINS RANCH;WOLFCAMP (GAS)
4. Property Code 35321	5. Property Name PLATTE 23 FEE	6. Well No. 002H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3713

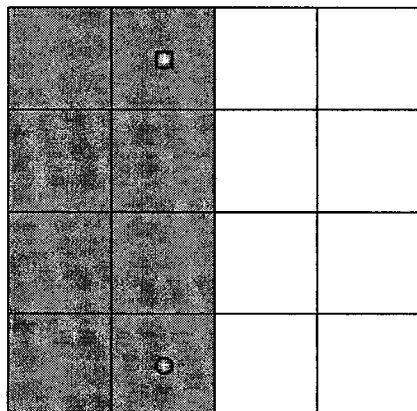
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	23	17S	24E		660	S	1980	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	23	17S	24E	C	660	N	1980	W	EDDY
12. Dedicated Acres 320.00		13. Joint or Infill		14. Consolidation Code		15. 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



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Mike Francis

Title: ROW Agent

Date: 12/20/2005

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.

Surveyed By: VL Bezner

Date of Survey: 8/3/2008

Certificate Number: 7920

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: PLATTE 23 FEE #002H

API: 30-015-34489

OCD Reviewer	Condition
BArrant	Will require a directional survey with the C-104
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.5D, and the Pit and Below-Grade Tank Guidelines
BArrant	As noted operator to drill surface hole with 'fresh water' mud.
BArrant	Please notify the OCD time of spud & time to witness the cementing to surface the 'water protection' string of casing.
BArrant	Providing operator drills another well in the same proration unit & intends to drill & produce from the same formation, an approval for an administrative SD from Santa fe is required.

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

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

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

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

State of New Mexico

Energy, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-34489	2 Pool Code 75010	3 Pool Name Collins Ranch, Wolfcamp (Gas)
4 Property Code	5 Property Name PLATTE "23" Fee	6 Well Number 2H
7 OGRID No. 7377	8 Operator Name EOG RESOURCES, INC.	9 Elevation 3713'

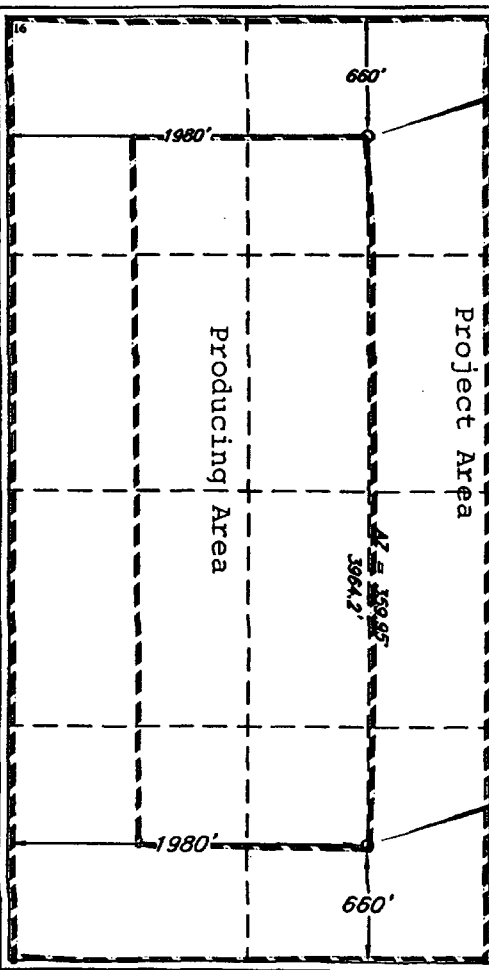
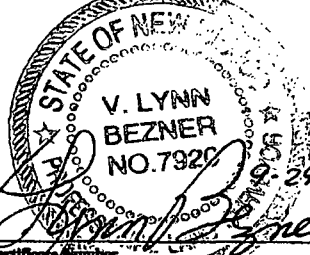
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	23	17 SOUTH	24 EAST, N.M.P.M.		660'	SOUTH	1980'	WEST	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
C	23	17 SOUTH	24 EAST, N.M.P.M.		660'	NORTH	1980'	WEST	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

	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 12/20/2005 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. AUGUST 3, 2005 Date of Survey Signature and Seal of Professional Surveyor  V. L. BEZNER Certification Number R.P.S. #7920 Job #105207 / 101 SE / E.U.O.
---	--

Permit Information:

Well Name: Platte 23 Fee Com #2H

Location:

SL 660' FSL & 1980' FWL, Section 23, T-17-S, R-24-E, Eddy Co., N.M.

BHL 660' FNL & 1980' FWL, Section 23, T-17-S, R-24-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	9-7/8"	7"	26#	J-55	Surface
Production	8,750'	6-1/8"	4 1/2"	11.6/ 13.5#	P-110	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	300	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	200	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,750'	400	Lead: Interfill C + 1/4 pps Flocele
	350	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 950'	Fresh - Gel	8.6-8.8	28-34	N/c
950' - 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' - 5,200'	Cut Brine	8.8-9.2	28-34	10-15
4,300' - 8,750'	Polymer (Lateral)	9.0-9.4	40-45	10-25

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e Planning Report

Company: eog resources	Date: 12/20/2005	Time: 12:54:06	Page: 2
Field: Thames	Co-ordinate(NE) Reference:	Site: Platte 23 Fee Com #2H, Grid North	
Site: Platte 23 Fee Com #2H	Vertical (TVD) Reference:	SITE 3728.0	
Well: Platte 23 Fee Com #2H	Section (VS) Reference:	Well (0.00N,0.00E,0.00Azi)	
Wellpath: Platte 23 Fee Com #2H	Plan:	Plan #1	

Section 1 : Start Hold

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	TFO deg
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4568.00	0.00	0.00	4568.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start Build 15.00

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	TFO deg
4575.00	1.05	359.94	4575.00	0.06	0.00	0.06	15.00	15.00	0.00	0.00
4600.00	4.80	359.94	4599.96	1.34	0.00	1.34	15.00	15.00	0.00	0.00
4625.00	8.55	359.94	4624.79	4.25	0.00	4.25	15.00	15.00	0.00	0.00
4650.00	12.30	359.94	4649.37	8.77	-0.01	8.77	15.00	15.00	0.00	0.00
4675.00	16.05	359.94	4673.61	14.89	-0.02	14.89	15.00	15.00	0.00	0.00
4700.00	19.80	359.94	4697.39	22.58	-0.02	22.58	15.00	15.00	0.00	0.00
4725.00	23.55	359.94	4720.62	31.81	-0.03	31.81	15.00	15.00	0.00	0.00
4750.00	27.30	359.94	4743.19	42.55	-0.04	42.55	15.00	15.00	0.00	0.00
4775.00	31.05	359.94	4765.02	54.73	-0.06	54.73	15.00	15.00	0.00	0.00
4800.00	34.80	359.94	4786.00	68.32	-0.07	68.32	15.00	15.00	0.00	0.00
4825.00	38.55	359.94	4806.04	83.25	-0.09	83.25	15.00	15.00	0.00	0.00
4850.00	42.30	359.94	4825.07	99.45	-0.10	99.45	15.00	15.00	0.00	0.00
4875.00	46.05	359.94	4843.00	116.87	-0.12	116.87	15.00	15.00	0.00	0.00
4900.00	49.80	359.94	4859.75	135.43	-0.14	135.43	15.00	15.00	0.00	0.00
4925.00	53.55	359.94	4875.25	155.03	-0.16	155.03	15.00	15.00	0.00	0.00
4950.00	57.30	359.94	4889.43	175.62	-0.18	175.62	15.00	15.00	0.00	0.00
4975.00	61.05	359.94	4902.24	197.08	-0.21	197.08	15.00	15.00	0.00	0.00
5000.00	64.80	359.94	4913.62	219.34	-0.23	219.34	15.00	15.00	0.00	0.00
5025.00	68.55	359.94	4923.52	242.29	-0.25	242.29	15.00	15.00	0.00	0.00
5050.00	72.30	359.94	4931.89	265.84	-0.28	265.84	15.00	15.00	0.00	0.00
5075.00	76.05	359.94	4938.71	289.89	-0.30	289.89	15.00	15.00	0.00	0.00
5100.00	79.80	359.94	4943.94	314.33	-0.33	314.33	15.00	15.00	0.00	0.00
5125.00	83.55	359.94	4947.55	339.06	-0.36	339.06	15.00	15.00	0.00	0.00
5150.00	87.30	359.94	4949.55	363.98	-0.38	363.98	15.00	15.00	0.00	0.00
5168.00	90.00	359.94	4949.97	381.97	-0.40	381.97	15.00	15.00	0.00	0.00

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Company: eog resources				Date: 12/20/2005	Time: 12:54:06	Page: 3
Field: Thames				Co-ordinate(NE) Reference:	Site: Platte 23 Fee Com #2H, Grid North	
Site: Platte 23 Fee Com #2H				Vertical (TVD) Reference:	SITE 3728.0	
Well: Platte 23 Fee Com #2H				Section (VS) Reference:	Well (0.00N;0.00E;0.00Az)	
Wellpath: Platte 23 Fee Com #2H				Plan:	Plan #1	

Section 3 : Start DLS 3.00 TFO 0.18											
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	TFO deg	
5193.13	90.75	359.94	4949.81	407.10	-0.43	407.10	3.00	3.00	0.01	0.18	

Section 4 : Start Hold											
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	TFO deg	
5200.00	90.75	359.94	4949.72	413.97	-0.43	413.97	0.00	0.00	0.00	0.00	
5300.00	90.75	359.94	4948.40	513.96	-0.53	513.96	0.00	0.00	0.00	0.00	
5400.00	90.75	359.94	4947.08	613.95	-0.63	613.95	0.00	0.00	0.00	0.00	
5500.00	90.75	359.94	4945.77	713.94	-0.73	713.94	0.00	0.00	0.00	0.00	
5600.00	90.75	359.94	4944.45	813.94	-0.83	813.94	0.00	0.00	0.00	0.00	
5700.00	90.75	359.94	4943.14	913.93	-0.94	913.93	0.00	0.00	0.00	0.00	
5800.00	90.75	359.94	4941.82	1013.92	-1.04	1013.92	0.00	0.00	0.00	0.00	
5900.00	90.75	359.94	4940.51	1113.91	-1.14	1113.91	0.00	0.00	0.00	0.00	
6000.00	90.75	359.94	4939.19	1213.90	-1.24	1213.90	0.00	0.00	0.00	0.00	
6100.00	90.75	359.94	4937.87	1313.89	-1.34	1313.89	0.00	0.00	0.00	0.00	
6200.00	90.75	359.94	4936.56	1413.88	-1.44	1413.88	0.00	0.00	0.00	0.00	
6300.00	90.75	359.94	4935.24	1513.87	-1.54	1513.87	0.00	0.00	0.00	0.00	
6400.00	90.75	359.94	4933.93	1613.87	-1.64	1613.87	0.00	0.00	0.00	0.00	
6500.00	90.75	359.94	4932.61	1713.86	-1.74	1713.86	0.00	0.00	0.00	0.00	
6600.00	90.75	359.94	4931.29	1813.85	-1.84	1813.85	0.00	0.00	0.00	0.00	
6700.00	90.75	359.94	4929.98	1913.84	-1.94	1913.84	0.00	0.00	0.00	0.00	
6800.00	90.75	359.94	4928.66	2013.83	-2.04	2013.83	0.00	0.00	0.00	0.00	
6900.00	90.75	359.94	4927.35	2113.82	-2.14	2113.82	0.00	0.00	0.00	0.00	
7000.00	90.75	359.94	4926.03	2213.81	-2.24	2213.81	0.00	0.00	0.00	0.00	
7100.00	90.75	359.94	4924.72	2313.80	-2.34	2313.80	0.00	0.00	0.00	0.00	
7200.00	90.75	359.94	4923.40	2413.80	-2.44	2413.80	0.00	0.00	0.00	0.00	
7300.00	90.75	359.									

e Planning Report

Company: eog resources	Date: 12/20/2005	Time: 12:54:06	Page: 4
Field: Thames	Co-ordinate(NE) Reference:	Site: Platte 23 Fee Com #2H, Grid North	
Site: Platte 23 Fee Com #2H	Vertical (TVD) Reference:	SITE 3728.0	
Well: Platte 23 Fee Com #2H	Section (VS) Reference:	Well(0.00N,0.00E,0.00Az)	
Wellpath: Platte 23 Fee Com #2H	Plan:	Plan #1	

Survey

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
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4568.00	0.00	0.00	4568.00	0.00	0.00	0.00	0.00	0.00	0.00	
4575.00	1.05	359.94	4575.00	0.06	0.00	0.06	15.00	15.00	0.00	
4600.00	4.80	359.94	4599.96	1.34	0.00	1.34	15.00	15.00	0.00	
4625.00	8.55	359.94	4624.79	4.25	0.00	4.25	15.00	15.00	0.00	
4650.00	12.30	359.94	4649.37	8.77	-0.01	8.77	15.00	15.00	0.00	
4675.00	16.05	359.94	4673.61	14.89	-0.02	14.89	15.00	15.00	0.00	
4700.00	19.80	359.94	4697.39	22.58	-0.02	22.58	15.00	15.00	0.00	
4725.00	23.55	359.94	4720.62	31.81	-0.03	31.81	15.00	15.00	0.00	
4750.00	27.30	359.94	4743.19	42.55	-0.04	42.55	15.00	15.00	0.00	
4775.00	31.05	359.94	4765.02	54.73	-0.06	54.73	15.00	15.00	0.00	
4800.00	34.80	359.94	4786.00	68.32	-0.07	68.32	15.00	15.00	0.00	
4825.00	38.55	359.94	4806.04	83.25	-0.09	83.25	15.00	15.00	0.00	
4850.00	42.30	359.94	4825.07	99.45	-0.10	99.45	15.00	15.00	0.00	
4875.00	46.05	359.94	4843.00	116.87	-0.12	116.87	15.00	15.00	0.00	
4900.00	49.80	359.94	4859.75	135.43	-0.14	135.43	15.00	15.00	0.00	
4925.00	53.55	359.94	4875.25	155.03	-0.16	155.03	15.00	15.00	0.00	

e Planning Report

Company: eog resources	Date: 12/20/2005	Time: 12:54:06	Page: 5
Field: Thames	Co-ordinate(NE) Reference:	Site: Platte 23 Fee Com #2H, Grid North	
Site: Platte 23 Fee Com #2H	Vertical (TVD) Reference:	SITE 3728.0	
Well: Platte 23 Fee Com #2H	Section (VS) Reference:	Well (0.00N:0.00E:0.00Az)	
Wellpath: Platte 23 Fee Com #2H	Plan:	Plan #1	

Survey

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
4950.00	57.30	359.94	4889.43	175.62	-0.18	175.62	15.00	15.00	0.00	
4975.00	61.05	359.94	4902.24	197.08	-0.21	197.08	15.00	15.00	0.00	
5000.00	64.80	359.94	4913.62	219.34	-0.23	219.34	15.00	15.00	0.00	
5025.00	68.55	359.94	4923.52	242.29	-0.25	242.29	15.00	15.00	0.00	
5050.00	72.30	359.94	4931.89	265.84	-0.28	265.84	15.00	15.00	0.00	
5075.00	76.05	359.94	4938.71	289.89	-0.30	289.89	15.00	15.00	0.00	
5100.00	79.80	359.94	4943.94	314.33	-0.33	314.33	15.00	15.00	0.00	
5125.00	83.55	359.94	4947.55	339.06	-0.36	339.06	15.00	15.00	0.00	
5150.00	87.30	359.94	4949.55	363.98	-0.38	363.98	15.00	15.00	0.00	
5168.00	90.00	359.94	4949.97	381.97	-0.40	381.97	15.00	15.00	0.00	
5193.13	90.75	359.94	4949.81	407.10	-0.43	407.10	3.00	3.00	0.01	
5200.00	90.75	359.94	4949.72	413.97	-0.43	413.97	0.00	0.00	0.00	
5300.00	90.75	359.94	4948.40	513.96	-0.53	513.96	0.00	0.00	0.00	
5400.00	90.75	359.94	4947.08	613.95	-0.63	613.95	0.00	0.00	0.00	
5500.00	90.75	359.94	4945.77	713.94	-0.73	713.94	0.00	0.00	0.00	
5600.00	90.75	359.94	4944.45	813.94	-0.83	813.94	0.00	0.00	0.00	
5700.00	90.75	359.94	4943.14	913.93	-0.94	913.93	0.00	0.00	0.00	
5800.00	90.75	359.94	4941.82	1013.92	-1.04	1013.92	0.00	0.00	0.00	
5900.00	90.75	359.94	4940.51	1113.91	-1.14	1113.91	0.00	0.00	0.00	
6000.00	90.75	359.94	4939.19	1213.90	-1.24	1213.90	0.00	0.00	0.00	
6100.00	90.75	359.94	4937.87	1313.89	-1.34	1313.89	0.00	0.00	0.00	
6200.00	90.75	359.94	4936.56	1413.88	-1.44	1413.88	0.00	0.00	0.00	
6300.00	90.75	359.94	4935.24	1513.87	-1.54	1513.87	0.00	0.00	0.00	
6400.00	90.75	359.94	4933.93	1613.87	-1.64	1613.87	0.00	0.00	0.00	
6500.00	90.75	359.94	4932.61	1713.86	-1.74	1713.86	0.00	0.00	0.00	
6600.00	90.75	359.94	4931.29	1813.85	-1.84	1813.85	0.00	0.00	0.00	
6700.00	90.75	359.94	4929.98	1913.84	-1.94	1913.84	0.00	0.00	0.00	
6800.00	90.75	359.94	4928.66	2013.83	-2.04	2013.83	0.00	0.00	0.00	
6900.00	90.75	359.94	4927.35	2113.82	-2.14	2113.82	0.00	0.00	0.00	
7000.00	90.75	359.94	4926.03	2213.81	-2.24	2213.81	0.00	0.00	0.00	
7100.00	90.75	359.94	4924.72	2313.80	-2.34	2313.80	0.00	0.00	0.00	
7200.00	90.75	359.94	4923.40	2413.80	-2.44	2413.80	0.00	0.00	0.00	
7300.00	90.75	359.94	4922.08	2513.79	-2.54	2513.79	0.00	0.00	0.00	
7400.00	90.75	359.94	4920.77	2613.78	-2.64	2613.78	0.00	0.00	0.00	
7500.00	90.75	359.94	4919.45	2713.77	-2.74	2713.77	0.00	0.00	0.00	
7600.00	90.75	359.94	4918.14	2813.76	-2.84	2813.76	0.00	0.00	0.00	
7700.00	90.75	359.94	4916.82	2913.75	-2.94	2913.75	0.00	0.00	0.00	
7800.00	90.75	359.94	4915.50	3013.74	-3.05	3013.74	0.00	0.00	0.00	
7900.00	90.75	359.94	4914.19	3113.74	-3.15	3113.74	0.00	0.00	0.00	
8000.00	90.75	359.94	4912.87	3213.73	-3.25	3213.73	0.00	0.00	0.00	
8100.00	90.75	359.94	4911.56	3313.72	-3.35	3313.72	0.00	0.00	0.00	
8200.00	90.75	359.94	4910.24	3413.71	-3.45	3413.71	0.00	0.00	0.00	
8300.00	90.75	359.94	4908.93	3513.70	-3.55	3513.70	0.00	0.00	0.00	
8400.00	90.75	359.94	4907.61	3613.69	-3.65	3613.69	0.00	0.00	0.00	
8500.00	90.75	359.94	4906.29	3713.68	-3.75	3713.68	0.00	0.00	0.00	
8600.00	90.75	359.94	4904.98	3813.67	-3.85	3813.67	0.00	0.00	0.00	
8700.00	90.75	359.94	4903.66	3913.67	-3.95	3913.67	0.00	0.00	0.00	
8750.18	90.75	359.94	4903.00	3963.85	-4.00	3963.85	0.00	0.00	0.00	
8750.34	90.75	359.94	4903.00	3964.00	-4.00	3964.00	3.00	-2.55	-1.58	

SITE DETAILS

Platte 23 Fee Com #2H

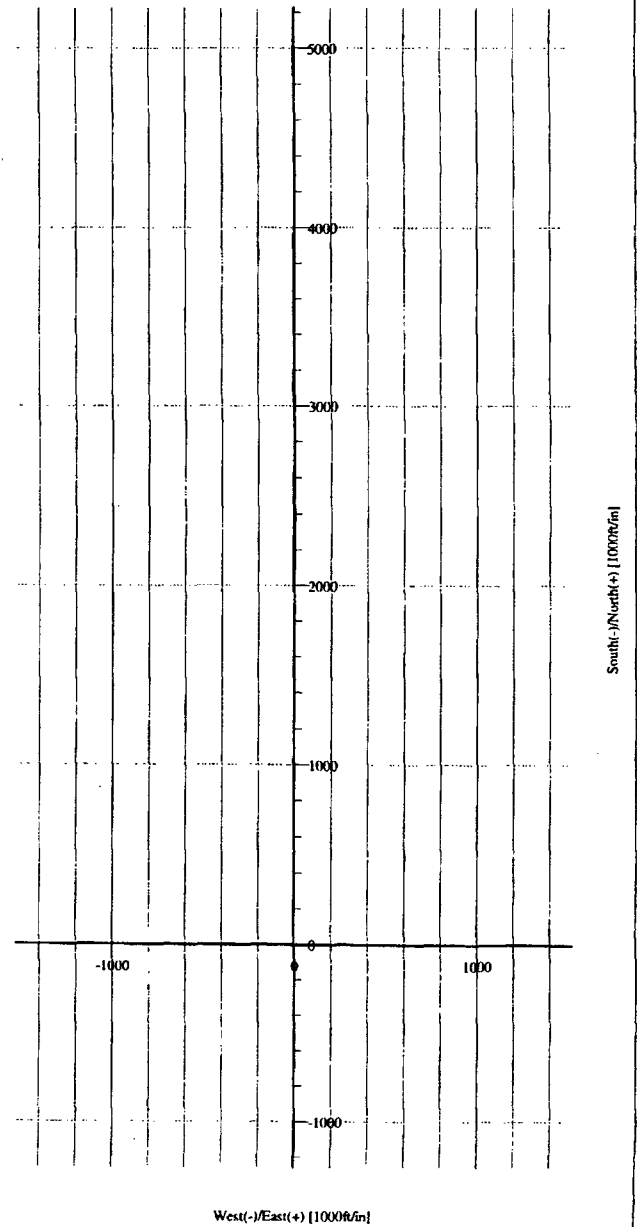
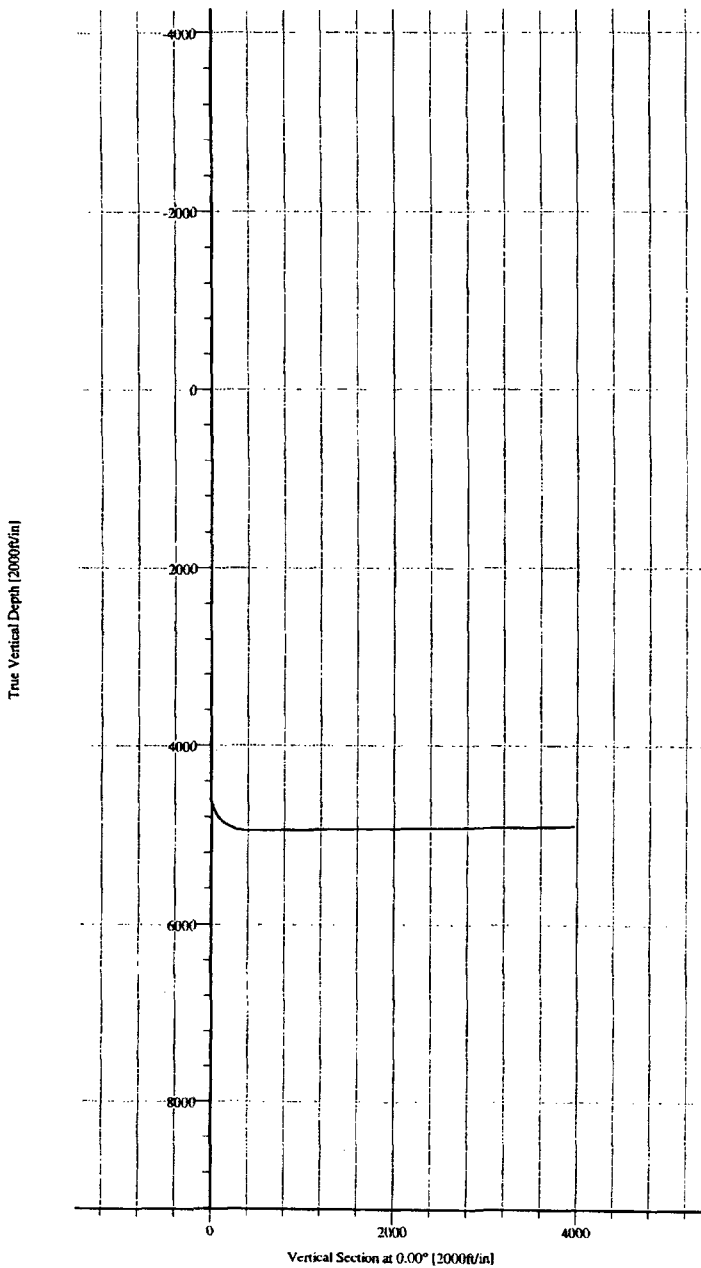
Site Centre Northing: 660487.00
Easting: 430060.00

Ground Level: 3713.00
Positional Uncertainty: 0.00
Convergence: -0.12

WELLPATH DETAILS

Platte 23 Fee Com #2H

Rig:	SITE		
Ref. Datum:	Origin +N/-S	Origin +E/-W	Starting From TVD
V. Section Angle	0.00°	0.00	0.00



Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-34489
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Platte 23 Fee
8. Well Number 2H
9. OGRID Number 7377
10. Pool name or Wildcat Collins Ranch; Wolfcamp (Gas)

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	RECEIVED MAR 23 2006 JUL-ARTESIA
2. Name of Operator EOG Resources Inc.	
3. Address of Operator P.O. Box 2267 Midland, Texas 79702	
4. Well Location Unit Letter N : 660 feet from the South line and 1980 feet from the West line Section 23 Township 17S Range 24E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3713 GR	
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☒	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☒	
OTHER: ☐		OTHER: ☐	

13. 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.

3/12/06 Spud
3/13/06 Ran 22 jts 7", 23 #, J-55 casing set @ 930'.
3/14/06 Cemented w/ 615 sx Prem Plus, 9.5 ppg, 7.65 yield; 240 sx Prem Plus + 2% CaCl, 14.8 ppg, 1.35 yield. Did not circulate. Ran temp survey and found TOC @ 140'.
Cemented w/ 125 sx Prem Plus through one inch pipe. No circulation. RIH & tag @ 83'.
Cemented w/ 125 sx Prem Plus + 3% CaCl. RIH & tag @ 80'.
Cemented w/ 50 sx Prem Plus + 3% CaCl. CIRC cement to surface. WOC 37 hrs.
3/16/06 Tested casing to 2000 psi for 30 min. Test good.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 3/20/06
Type or print name Stan Wagner E-mail address: _____ Telephone No. 432 686 3689

For State Use Only

FOR RECORDS ONLY

MAR 23 2006

APPROVED BY _____ TITLE _____ DATE _____
Conditions of Approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

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. 30-015-34489
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator EOG Resources Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, Texas 79702		7. Lease Name or Unit Agreement Name: Platte 23 Fee
4. Well Location Unit Letter N : 660 feet from the South line and 1980 feet from the West line Section 23 Township 17S Range 24E NMPM County Eddy		8. Well Number 2H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3713 GR		9. OGRID Number 7377
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		10. Pool name or Wildcat Collins Ranch; Wolfcamp (Gas)

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐ CASING TEST AND CEMENT JOB ☒ OTHER: ☐

13. 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.

4/6/06 TD lateral @ 8629' MD.

Ran 116 jts 4 1/2", 11.60#, P-110 casing set @ 8629'.

Cemented w/ 400 sx Interfill C + .25 pps FLOCEL, 11.9 ppg, 2.45 yield; 250 sx Acid Soluble Cement, 14.8 ppg, 2.57 yield. Circulated 48 sx cement to surface.

4/8/06 Rig released.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 4/17/06

Type or print name Stan Wagner

E-mail address:

Telephone No. 432 686 3689

For State Use Only

FOR RECORDS ONLY

APR 19 2006

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

County Eddy Pool Collins Ranch - Wolfcamp Gas

TOWNSHIP

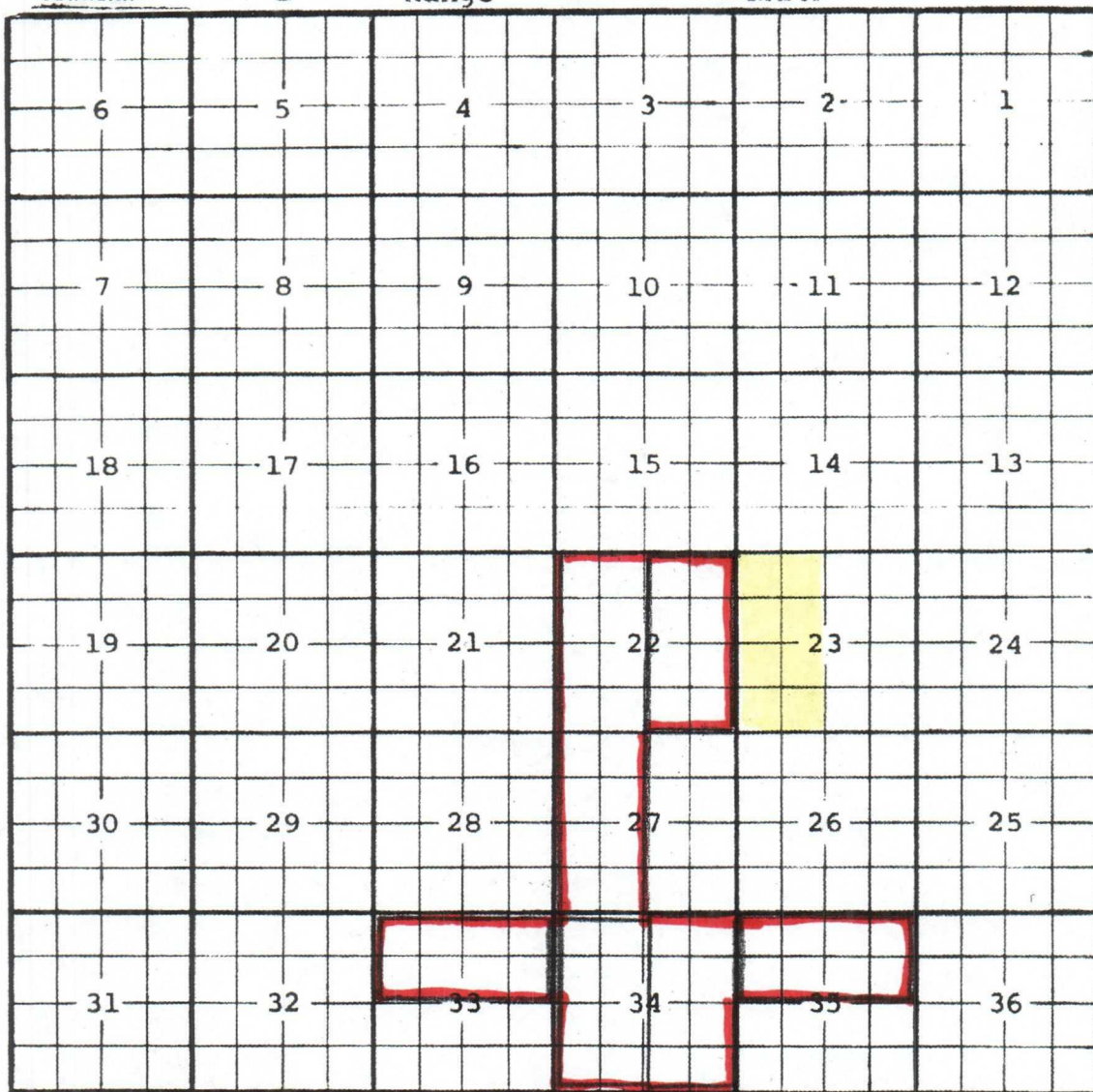
17S

Range

24E

NMPM

(75010)



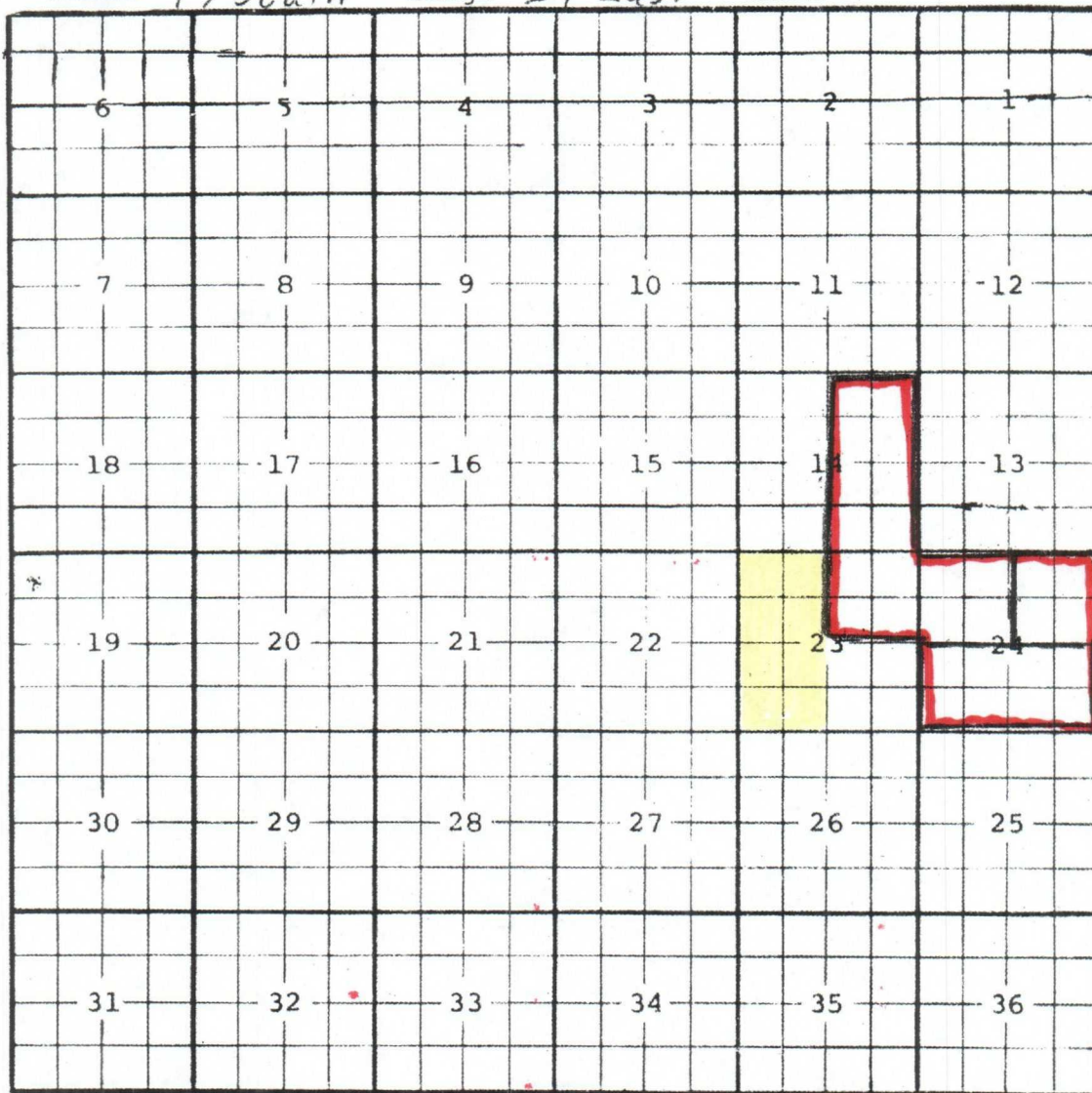
Deed. N/2 sec 35 (R-6724, 7-16-81) EXT. E/2 sec 34 (R-8827, 12-22-88)

EXT. W/2 sec 34 (R-8969, 8-1-89) EXT. N/2 sec 33 (R-9096, 1-1-90)

EXT. W/2 sec 22, W/2 sec 27 (R-12357, 5-25-05) EXT. E/2 sec 22 (R-12447, 11-1-05)

County Eddy Pool Northeast Collins Ranch-Wolfcamp GasTOWNSHIP 17 South Range 24 East NMPM

(96623)



Description: S/2 Sec. 24 (R-10724, 1-8-97) Ext. NE 1/4 Sec. 24 (R-12495, 1-25-06)
Ext. E/2 Sec. 14, NE 1/4 Sec. 23, NW 1/4 Sec. 24 (R-12507, 2-13-06)

County Eddy

Pool Northeast Collins Ranch-Wolfcamp Gas

TOWNSHIP 17 South

Range 25 East

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Ext: $\frac{1}{2}$ Sec. 18, $\frac{1}{4}$ Sec. 19 (A-12495, 1-25-06)

Case 13727