

DATE IN 4/18/06	SUSPENSE	ENGINEER MIKE STOGNER	LOGGED IN 4/18/06	TYPE SD	APP NO. PTDS0610857613
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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.

Ocean Munds Dry Ocean Munds Dry Attorney 4-18-06
 Print or Type Name Signature Title Date
 omundsdry@hollandknight.com
 e-mail Address

2006 APR 18 PM 3 42



April 17, 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 N/2 of Section 7, Township 16 South, Range 25 East, N.M.P.M., Eddy County, New Mexico to its proposed Yellow A7 Fee Well No. 2H and the existing Yellow A7 Fee Well No. 1H.

Dear Mr. Fesmire:

EOG Resources, Inc. is the operator of a standard 320-acre spacing unit in the Undesignated West Cottonwood Creek-Wolfcamp Gas Pool (**Pool Code 75260**) comprised of the N/2 of Section 7, Township 16 South, Range 25 East, N.M.P.M., Eddy County, New Mexico. This spacing unit is dedicated to EOG's Yellow A7 Fee Well No. 1H 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 Yellow A7 Fee Well No. 1H (**API No. 30-015-34477**) horizontally drilled from a surface location 672 feet from the North line and 852 feet from the East line to a bottomhole location in the Wolfcamp formation 760 feet from the North line and 660 feet from the West line of said Section 7; and
- B. the proposed Yellow A7 Fee Well No. 2H (**API No. 30-015-34480**) to be horizontally drilled from a surface location 660 feet from the East line and 1880 feet from the North line to a proposed end point or bottomhole location 660 feet from the West line and 1880 feet from the North line of said Section 7.

HOLLAND & HART

The wellbore directional survey of the Yellow A7 Fee Well No. 1H 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 A7 Fee Well No. 2H 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, 1880 feet from the North line and 660 feet from the West line (Unit E) of Section 7.

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 N/2 of said Section 7 to the Yellow A7 Fee 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

COPY

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 30-015-34480	Pool Code 75260	Pool Name Cottonwood Creek; WC, West (Gas)
Property Code	Property Name YELLOW A 7 FEE	Well Number 2H
GRID No. 7377	Operator Name EOG RESOURCES, INC	Elevation 3526.1'

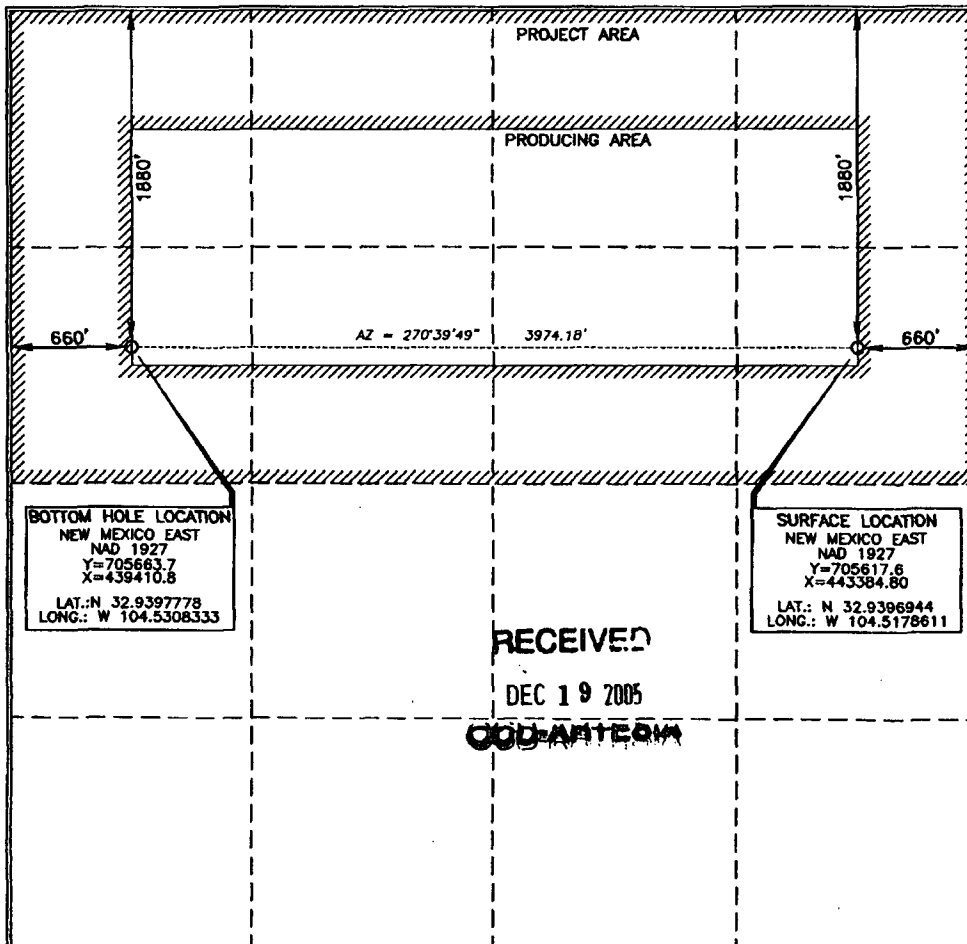
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	7	16 SOUTH	25 EAST, N.M.P.M.		1880	NORTH	660	EAST	EDDY

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
E	7	16 SOUTH	25 EAST, N.M.P.M.		1880	NORTH	660	WEST	EDDY
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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.

Don J. Mutt 12/16/05
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 October 2005 made by me or under my supervision, and that the same is true and correct to the best of my belief.

Terry J. Asch 12/5/05
Date of Survey Certificate Number 15079

Signature and Seal of Professional Surveyor

WD# 051122WL-g (C06)

EXHIBIT A

e Planning Report

Company: eogresources	Date: 12/16/2005	Time: 11:18:46	Page: 1
Field: Thames	Co-ordinate(NE) Reference:	Site: Yellow A 7 Fee #2H	Grid North
Site: Yellow A 7 Fee #2H	Vertical (TVD) Reference:	SITE 3544.0	
Well: Yellow A 7 Fee #2H	Section (VS) Reference:	Well (0.00N 0.00E 270.66Azi)	
Wellpath: Yellow A 7 Fee #2H	Plan:	Plan #1	

Field: Thames

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igr2000

Site: Yellow A 7 Fee #2H

Site Position:	Northing: 705617.60 ft	Latitude: 32 56 22.852 N	
From: Map	Easting: 443384.80 ft	Longitude: 104 31 4.342 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3526.00 ft		Grid Convergence: -0.10 deg	

Well: Yellow A 7 Fee #2H

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 705617.60 ft	Latitude: 32 56 22.852 N
	+E/-W 0.00 ft	Easting: 443384.80 ft	Longitude: 104 31 4.342 W
Position Uncertainty: 0.00 ft			

Wellpath: Yellow A 7 Fee #2H

Drilled From: Surface	
Tie-on Depth: 0.00 ft	
Above System Datum: Mean Sea Level	
Declination: 9.00 deg	
Mag Dip Angle: 60.92 deg	
+E/-W Direction	deg

Current Datum: SITE	Height 3544.00 ft	
Magnetic Data: 12/16/2005		
Field Strength: 48693 nT		
Vertical Section: Depth From (TVD)	+N/-S	
ft	ft	
4553.00	0.00	0.00 270.66

Plan: Plan #1

Date Composed: 12/16/2005
Version: 1
Tied-to: From Surface

Principal: Yes

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4218.00	0.00	0.00	4218.00	0.00	0.00	0.00	0.00	0.00	0.00	
4818.00	90.00	270.66	4599.97	4.40	-381.95	15.00	15.00	0.00	270.66	
4843.06	90.75	270.67	4599.81	4.69	-407.00	3.00	3.00	0.02	0.39	
8410.43	90.75	270.67	4553.00	46.10	-3973.83	0.00	0.00	0.00	0.00	
8410.60	90.75	270.67	4553.00	46.10	-3974.00	3.00	-1.02	2.82	109.93	BHL

Section 1 : Start Hold

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	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	0.00
1100.00	0.00	0.00	1100.00	0.00	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	0.00
1300.00	0.00	0.00	1300.00	0.00	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	0.00
1500.00	0.00	0.00	1500.00	0.00	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	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

e Planning Report

Company: eog resources	Date: 12/16/2005	Time: 11:18:48	Page: 2
Field: Thames	Co-ordinate(NE) Reference: Site: Yellow A 7 Fee #2H, Grid North		
Site: Yellow A 7 Fee #2H	Vertical (TVD) Reference: SITE 3544.0		
Well: Yellow A 7 Fee #2H	Section (VS) Reference: Well: (0.00N 0.00E, 270.66Azi)		
Wellpath: Yellow A 7 Fee #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
4218.00	0.00	0.00	4218.00	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
4225.00	1.05	270.66	4225.00	0.00	-0.06	0.06	15.00	15.00	0.00	0.00
4250.00	4.80	270.66	4249.96	0.02	-1.34	1.34	15.00	15.00	0.00	0.00
4275.00	8.55	270.66	4274.79	0.05	-4.24	4.25	15.00	15.00	0.00	0.00
4300.00	12.30	270.66	4299.37	0.10	-8.77	8.77	15.00	15.00	0.00	0.00
4325.00	16.05	270.66	4323.61	0.17	-14.89	14.89	15.00	15.00	0.00	0.00
4350.00	19.80	270.66	4347.39	0.26	-22.58	22.58	15.00	15.00	0.00	0.00
4375.00	23.55	270.66	4370.62	0.37	-31.81	31.81	15.00	15.00	0.00	0.00
4400.00	27.30	270.66	4393.19	0.49	-42.54	42.55	15.00	15.00	0.00	0.00
4425.00	31.05	270.66	4415.02	0.63	-54.73	54.73	15.00	15.00	0.00	0.00
4450.00	34.80	270.66	4436.00	0.79	-68.31	68.32	15.00	15.00	0.00	0.00
4475.00	38.55	270.66	4456.04	0.96	-83.24	83.25	15.00	15.00	0.00	0.00
4500.00	42.30	270.66	4475.07	1.15	-99.45	99.45	15.00	15.00	0.00	0.00
4525.00	46.05	270.66	4493.00	1.35	-116.86	116.87	15.00	15.00	0.00	0.00
4550.00	49.80	270.66	4509.75	1.56	-135.42	135.43	15.00	15.00	0.00	0.00
4575.00	53.55	270.66	4525.25	1.79	-155.02	155.03	15.00	15.00	0.00	0.00
4600.00	57.30	270.66	4539.43	2.02	-175.60	175.62	15.00	15.00	0.00	0.00
4625.00	61.05	270.66	4552.24	2.27	-197.07	197.08	15.00	15.00	0.00	0.00
4650.00	64.80	270.66	4563.62	2.53	-219.32	219.34	15.00	15.00	0.00	0.00
4675.00	68.55	270.66	4573.52	2.79	-242.27	242.29	15.00	15.00	0.00	0.00
4700.00	72.30	270.66	4581.89	3.06	-265.82	265.84	15.00	15.00	0.00	0.00
4725.00	76.05	270.66	4588.71	3.34	-289.87	289.89	15.00	15.00	0.00	0.00
4750.00	79.80	270.66	4593.94	3.62	-314.31	314.33	15.00	15.00	0.00	0.00
4775.00	83.55	270.66	4597.55	3.91	-339.04	339.06	15.00	15.00	0.00	0.00
4800.00	87.30	270.66	4599.55	4.19	-363.95	363.98	15.00	15.00	0.00	0.00
4818.00	90.00	270.66	4599.97	4.40	-381.95	381.97	15.00	15.00	0.00	0.00

Section 3 : Start DLS 3.00 TFO 0.39

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
4843.06	90.75	270.67	4599.81	4.69	-407.00	407.03	3.00	3.00	0.02	0.39

e

Company: eog resources
Field: Thames
Site: Yellow A 7 Fee #2H
Well: Yellow A 7 Fee #2H
Wellpath: Yellow A 7 Fee #2H

Date: 12/18/2005 Time: 11:18:46 Page: 1
Co-ordinate(NE) Reference: Site Yellow A-7 Fee #2H, Grid North
Vertical (TYD) Reference: SITE 3544.0
Section (VS) Reference: Well (0.00N, 0.00E, 270.66Az)
Plan: Plan #1

Section 4 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Bulld deg/100ft	Turn deg/100ft	TFO deg
4900.00	90.75	270.67	4599.06	5.35	-463.94	463.97	0.00	0.00	0.00	0.00
5000.00	90.75	270.67	4597.75	6.51	-563.92	563.96	0.00	0.00	0.00	0.00
5100.00	90.75	270.67	4596.44	7.67	-663.90	663.95	0.00	0.00	0.00	0.00
5200.00	90.75	270.67	4595.12	8.83	-763.89	763.94	0.00	0.00	0.00	0.00
5300.00	90.75	270.67	4593.81	9.99	-863.87	863.93	0.00	0.00	0.00	0.00
5400.00	90.75	270.67	4592.50	11.15	-963.86	963.92	0.00	0.00	0.00	0.00
5500.00	90.75	270.67	4591.19	12.32	-1063.84	1063.91	0.00	0.00	0.00	0.00
5600.00	90.75	270.67	4589.88	13.48	-1163.83	1163.91	0.00	0.00	0.00	0.00
5700.00	90.75	270.67	4588.56	14.64	-1263.81	1263.90	0.00	0.00	0.00	0.00
5800.00	90.75	270.67	4587.25	15.80	-1363.80	1363.89	0.00	0.00	0.00	0.00
5900.00	90.75	270.67	4585.94	16.96	-1463.78	1463.88	0.00	0.00	0.00	0.00
6000.00	90.75	270.67	4584.63	18.12	-1563.77	1563.87	0.00	0.00	0.00	0.00
6100.00	90.75	270.67	4583.32	19.28	-1663.75	1663.86	0.00	0.00	0.00	0.00
6200.00	90.75	270.67	4582.00	20.44	-1763.74	1763.85	0.00	0.00	0.00	0.00
6300.00	90.75	270.67	4580.69	21.60	-1863.72	1863.85	0.00	0.00	0.00	0.00
6400.00	90.75	270.67	4579.38	22.76	-1963.71	1963.84	0.00	0.00	0.00	0.00
6500.00	90.75	270.67	4578.07	23.92	-2063.69	2063.83	0.00	0.00	0.00	0.00
6600.00	90.75	270.67	4576.76	25.08	-2163.67	2163.82	0.00	0.00	0.00	0.00
6700.00	90.75	270.67	4575.44	26.24	-2263.66	2263.81	0.00	0.00	0.00	0.00
6800.00	90.75	270.67	4574.13	27.40	-2363.64	2363.80	0.00	0.00	0.00	0.00
6900.00	90.75	270.67	4572.82	28.57	-2463.63	2463.79	0.00	0.00	0.00	0.00
7000.00	90.75	270.67	4571.51	29.73	-2563.61	2563.79	0.00	0.00	0.00	0.00
7100.00	90.75	270.67	4570.20	30.89	-2663.60	2663.78	0.00	0.00	0.00	0.00
7200.00	90.75	270.67	4568.88	32.05	-2763.58	2763.77	0.00	0.00	0.00	0.00
7300.00	90.75	270.67	4567.57	33.21	-2863.57	2863.76	0.00	0.00	0.00	0.00
7400.00	90.75	270.67	4566.26	34.37	-2963.55	2963.75	0.00	0.00	0.00	0.00
7500.00	90.75	270.67	4564.95	35.53	-3063.54	3063.74	0.00	0.00	0.00	0.00
7600.00	90.75	270.67	4563.64	36.69	-3163.52	3163.73	0.00	0.00	0.00	0.00
7700.00	90.75	270.67	4562.32	37.85	-3263.51	3263.73	0.00	0.00	0.00	0.00
7800.00	90.75	270.67	4561.01	39.01	-3363.49	3363.72	0.00	0.00	0.00	0.00
7900.00	90.75	270.67	4559.70	40.17	-3463.48	3463.71	0.00	0.00	0.00	0.00
8000.00	90.75	270.67	4558.39	41.33	-3563.46	3563.70	0.00	0.00	0.00	0.00
8100.00	90.75	270.67	4557.08	42.49	-3663.44	3663.69	0.00	0.00	0.00	0.00
8200.00	90.75	270.67	4555.76	43.66	-3763.43	3763.68	0.00	0.00	0.00	0.00
8300.00	90.75	270.67	4554.45	44.82	-3863.41	3863.67	0.00	0.00	0.00	0.00
8400.00	90.75	270.67	4553.14	45.98	-3963.40	3963.66	0.00	0.00	0.00	0.00
8410.43	90.75	270.67	4553.00	46.10	-3973.83	3974.09	0.00	0.00	0.00	0.00

Section 5 : Start DLS 3.00 TFO 109.93

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
8410.60	90.75	270.67	4553.00	46.10	-3974.00	3974.27	3.00	-1.02	2.82	109.93

Survey

[illegible]

e Planning Report

Company: eog resources	Date: 12/16/2005	Time: 11:18:46	Page: 4
Field: Thames	Co-ordinate(NE) Reference: Site: Yellow A 7 Fee #2H; Grid North		
Site: Yellow A 7 Fee #2H	Vertical (TVD) Reference: SITE 3544.0		
Well: Yellow A 7 Fee #2H	Section (VS) Reference: Well (0.00N:0.00E,270.66Azi)		
Wellpath: Yellow A 7 Fee #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
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	
4218.00	0.00	0.00	4218.00	0.00	0.00	0.00	0.00	0.00	0.00	
4225.00	1.05	270.66	4225.00	0.00	-0.06	0.06	15.00	15.00	0.00	
4250.00	4.80	270.66	4249.96	0.02	-1.34	1.34	15.00	15.00	0.00	
4275.00	8.55	270.66	4274.79	0.05	-4.24	4.25	15.00	15.00	0.00	
4300.00	12.30	270.66	4299.37	0.10	-8.77	8.77	15.00	15.00	0.00	
4325.00	16.05	270.66	4323.61	0.17	-14.89	14.89	15.00	15.00	0.00	
4350.00	19.80	270.66	4347.39	0.26	-22.58	22.58	15.00	15.00	0.00	
4375.00	23.55	270.66	4370.62	0.37	-31.81	31.81	15.00	15.00	0.00	
4400.00	27.30	270.66	4393.19	0.49	-42.54	42.55	15.00	15.00	0.00	
4425.00	31.05	270.66	4415.02	0.63	-54.73	54.73	15.00	15.00	0.00	
4450.00	34.80	270.66	4436.00	0.79	-68.31	68.32	15.00	15.00	0.00	
4475.00	38.55	270.66	4456.04	0.96	-83.24	83.25	15.00	15.00	0.00	
4500.00	42.30	270.66	4475.07	1.15	-99.45	99.45	15.00	15.00	0.00	
4525.00	46.05	270.66	4493.00	1.35	-116.86	116.87	15.00	15.00	0.00	
4550.00	49.80	270.66	4509.75	1.56	-135.42	135.43	15.00	15.00	0.00	
4575.00	53.55	270.66	4525.25	1.79	-155.02	155.03	15.00	15.00	0.00	
4600.00	57.30	270.66	4539.43	2.02	-175.60	175.62	15.00	15.00	0.00	
4625.00	61.05	270.66	4552.24	2.27	-197.07	197.08	15.00	15.00	0.00	
4650.00	64.80	270.66	4563.62	2.53	-219.32	219.34	15.00	15.00	0.00	
4675.00	68.55	270.66	4573.52	2.79	-242.27	242.29	15.00	15.00	0.00	
4700.00	72.30	270.66	4581.89	3.06	-265.82	265.84	15.00	15.00	0.00	
4725.00	76.05	270.66	4588.71	3.34	-289.87	289.89	15.00	15.00	0.00	
4750.00	79.80	270.66	4593.94	3.62	-314.31	314.33	15.00	15.00	0.00	
4775.00	83.55	270.66	4597.55	3.91	-339.04	339.06	15.00	15.00	0.00	

e Planning Report

Company: eog.resources	Date: 12/16/2005	Time: 11:18:46	Page: 5
Field: Thames	Co-ordinate(NE) Reference: Site: Yellow A 7 Fee #2H, Grid North		
Site: Yellow A 7 Fee #2H	Vertical (TVD) Reference: SITE 3544.0		
Well: Yellow A 7 Fee #2H	Section (VS) Reference: Well (0.00N 0.00E; 270.66Azi)		
Wellpath: Yellow A 7 Fee #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
4800.00	87.30	270.66	4599.55	4.19	-363.95	363.98	15.00	15.00	0.00	
4818.00	90.00	270.66	4599.97	4.40	-381.95	381.97	15.00	15.00	0.00	
4843.06	90.75	270.67	4599.81	4.69	-407.00	407.03	3.00	3.00	0.02	
4900.00	90.75	270.67	4599.06	5.35	-463.94	463.97	0.00	0.00	0.00	
5000.00	90.75	270.67	4597.75	6.51	-563.92	563.96	0.00	0.00	0.00	
5100.00	90.75	270.67	4596.44	7.67	-663.90	663.95	0.00	0.00	0.00	
5200.00	90.75	270.67	4595.12	8.83	-763.89	763.94	0.00	0.00	0.00	
5300.00	90.75	270.67	4593.81	9.99	-863.87	863.93	0.00	0.00	0.00	
5400.00	90.75	270.67	4592.50	11.15	-963.86	963.92	0.00	0.00	0.00	
5500.00	90.75	270.67	4591.19	12.32	-1063.84	1063.91	0.00	0.00	0.00	
5600.00	90.75	270.67	4589.88	13.48	-1163.83	1163.91	0.00	0.00	0.00	
5700.00	90.75	270.67	4588.56	14.64	-1263.81	1263.90	0.00	0.00	0.00	
5800.00	90.75	270.67	4587.25	15.80	-1363.80	1363.89	0.00	0.00	0.00	
5900.00	90.75	270.67	4585.94	16.96	-1463.78	1463.88	0.00	0.00	0.00	
6000.00	90.75	270.67	4584.63	18.12	-1563.77	1563.87	0.00	0.00	0.00	
6100.00	90.75	270.67	4583.32	19.28	-1663.75	1663.86	0.00	0.00	0.00	
6200.00	90.75	270.67	4582.00	20.44	-1763.74	1763.85	0.00	0.00	0.00	
6300.00	90.75	270.67	4580.69	21.60	-1863.72	1863.85	0.00	0.00	0.00	
6400.00	90.75	270.67	4579.38	22.76	-1963.71	1963.84	0.00	0.00	0.00	
6500.00	90.75	270.67	4578.07	23.92	-2063.69	2063.83	0.00	0.00	0.00	
6600.00	90.75	270.67	4576.76	25.08	-2163.67	2163.82	0.00	0.00	0.00	
6700.00	90.75	270.67	4575.44	26.24	-2263.66	2263.81	0.00	0.00	0.00	
6800.00	90.75	270.67	4574.13	27.40	-2363.64	2363.80	0.00	0.00	0.00	
6900.00	90.75	270.67	4572.82	28.57	-2463.63	2463.79	0.00	0.00	0.00	
7000.00	90.75	270.67	4571.51	29.73	-2563.61	2563.79	0.00	0.00	0.00	
7100.00	90.75	270.67	4570.20	30.89	-2663.60	2663.78	0.00	0.00	0.00	
7200.00	90.75	270.67	4568.88	32.05	-2763.58	2763.77	0.00	0.00	0.00	
7300.00	90.75	270.67	4567.57	33.21	-2863.57	2863.76	0.00	0.00	0.00	
7400.00	90.75	270.67	4566.26	34.37	-2963.55	2963.75	0.00	0.00	0.00	
7500.00	90.75	270.67	4564.95	35.53	-3063.54	3063.74	0.00	0.00	0.00	
7600.00	90.75	270.67	4563.64	36.69	-3163.52	3163.73	0.00	0.00	0.00	
7700.00	90.75	270.67	4562.32	37.85	-3263.51	3263.73	0.00	0.00	0.00	
7800.00	90.75	270.67	4561.01	39.01	-3363.49	3363.72	0.00	0.00	0.00	
7900.00	90.75	270.67	4559.70	40.17	-3463.48	3463.71	0.00	0.00	0.00	
8000.00	90.75	270.67	4558.39	41.33	-3563.46	3563.70	0.00	0.00	0.00	
8100.00	90.75	270.67	4557.08	42.49	-3663.44	3663.69	0.00	0.00	0.00	
8200.00	90.75	270.67	4555.76	43.66	-3763.43	3763.68	0.00	0.00	0.00	
8300.00	90.75	270.67	4554.45	44.82	-3863.41	3863.67	0.00	0.00	0.00	
8400.00	90.75	270.67	4553.14	45.98	-3963.40	3963.66	0.00	0.00	0.00	
8410.43	90.75	270.67	4553.00	46.10	-3973.83	3974.09	0.00	0.00	0.00	
8410.60	90.75	270.67	4553.00	46.10	-3974.00	3974.27	3.00	-1.02	2.82	