

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 30-015-34485	Pool Code 75260	Pool Name Cottonwood Creek; WC, West (Gas)
Property Code	Property Name YELLOW B 7 FEE	Well Number 2H
OGRID No. 7377	Operator Name EOG RESOURCES, INC	Elevation 3530.3'

Surface Location

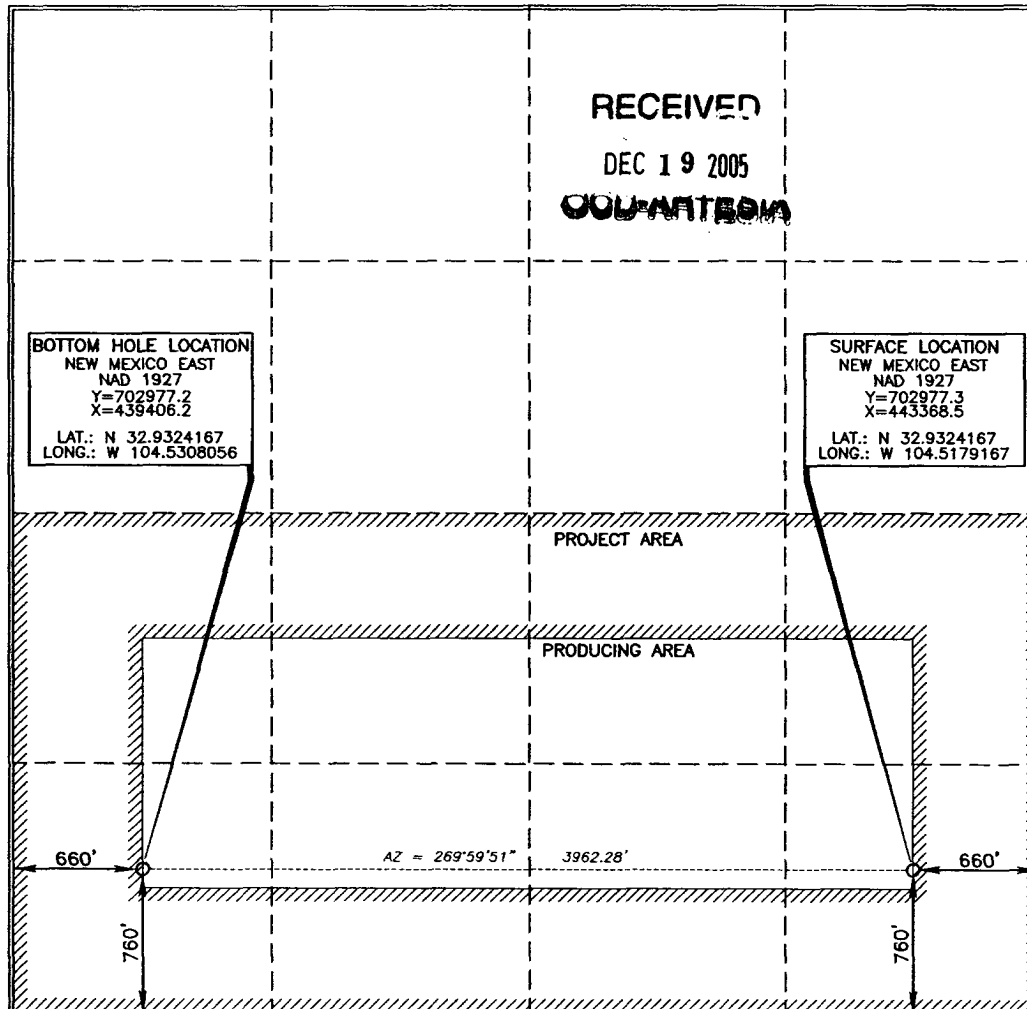
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	16 SOUTH	25 EAST, N.M.P.M.		760	SOUTH	660	EAST	EDDY

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
M	7	16 SOUTH	25 EAST, N.M.P.M.		760	SOUTH	660	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.



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 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 actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

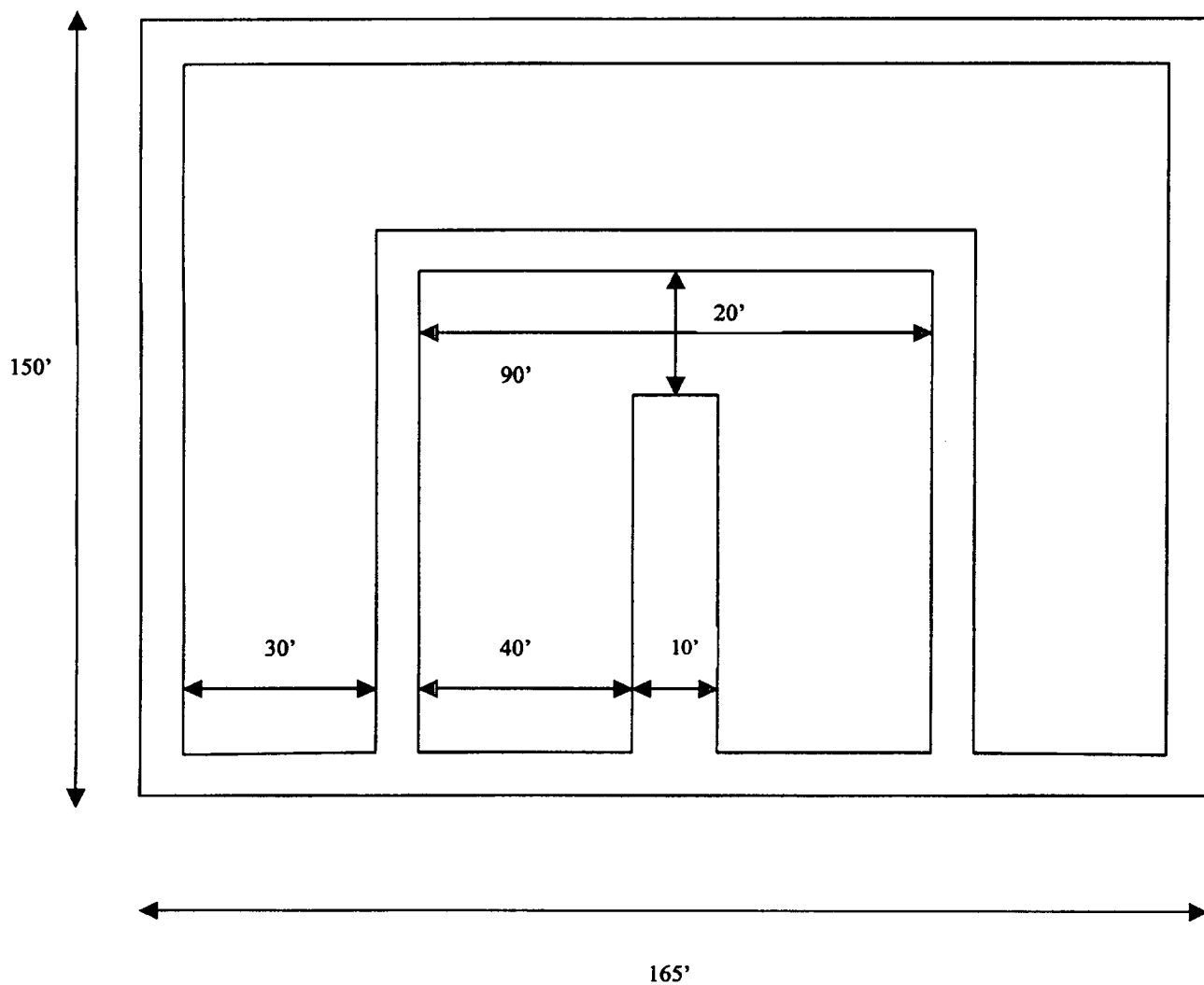
DECEMBER 2, 2005
Date of Survey

Signature and Seal of
Professional Surveyor:

Tony J. Abel 12/5/05
Certificate Number 15079

WO# 051122WL-e (CDG)

New Mexico Double Horseshoe Reserve Pit Design



Approximate Inside Reserve Volume: 4500 bbls
Approximate Outside Reserve Volume: 5800 bbls

Permit Information:

Well Name: Yellow B 7 Fee #2H

Location:

SL 760' FSL & 660' FEL, Section 7, T-16-S, R-25-E, Eddy Co., N.M.

BHL 760' FSL & 660' FWL, Section 7, T-16-S, R-25-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	8,399'	7-7/8"	4 1/2"	11.6/ 13.5 #	P-110	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	150	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,399'	500	Lead: Interfill C + 1/4 pps Flocele
	400	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 – 900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' – 4,600'	Cut Brine	8.8-9.2	28-34	N/c
4,600' – 5,100'	Cut Brine	8.8-9.2	28-34	10-15
4,100' – 8,399'	Polymer (Lateral)	9.0-9.4	40-45	10-20



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(915) 686-3600

December 16, 2005

State of New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H₂S Contingency Plan for the Yellow B 7 Fee #2H. The current plan is to complete this well in the Wolfcamp, which is sweet, and I do not anticipate encountering any H₂S bearing formations during drilling operations.

Sincerely,

Jason LaGrega
Drilling Engineer

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e Planning Report

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

Date: 12/16/2005 Time: 11:58:29 Page: 2
Co-ordinate(NE) Reference: Site: Yellow B 7 Fee #2H, Grid North
Vertical (TVD) Reference: SITE 3548.0
Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
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	270.00	4225.00	0.00	-0.06	0.06	15.00	15.00	0.00	0.00
4250.00	4.80	270.00	4249.96	0.00	-1.34	1.34	15.00	15.00	0.00	0.00
4275.00	8.55	270.00	4274.79	0.00	-4.25	4.25	15.00	15.00	0.00	0.00
4300.00	12.30	270.00	4299.37	0.00	-8.77	8.77	15.00	15.00	0.00	0.00
4325.00	16.05	270.00	4323.61	0.00	-14.89	14.89	15.00	15.00	0.00	0.00
4350.00	19.80	270.00	4347.39	0.00	-22.58	22.58	15.00	15.00	0.00	0.00
4375.00	23.55	270.00	4370.62	0.00	-31.81	31.81	15.00	15.00	0.00	0.00
4400.00	27.30	270.00	4393.19	0.00	-42.55	42.55	15.00	15.00	0.00	0.00
4425.00	31.05	270.00	4415.02	0.00	-54.73	54.73	15.00	15.00	0.00	0.00
4450.00	34.80	270.00	4436.00	0.00	-68.32	68.32	15.00	15.00	0.00	0.00
4475.00	38.55	270.00	4456.04	0.00	-83.25	83.25	15.00	15.00	0.00	0.00
4500.00	42.30	270.00	4475.07	0.00	-99.45	99.45	15.00	15.00	0.00	0.00
4525.00	46.05	270.00	4493.00	0.00	-116.87	116.87	15.00	15.00	0.00	0.00
4550.00	49.80	270.00	4509.75	0.00	-135.43	135.43	15.00	15.00	0.00	0.00
4575.00	53.55	270.00	4525.25	0.00	-155.03	155.03	15.00	15.00	0.00	0.00
4600.00	57.30	270.00	4539.43	0.00	-175.62	175.62	15.00	15.00	0.00	0.00
4625.00	61.05	270.00	4552.24	0.00	-197.08	197.08	15.00	15.00	0.00	0.00
4650.00	64.80	270.00	4563.62	0.00	-219.34	219.34	15.00	15.00	0.00	0.00
4675.00	68.55	270.00	4573.52	0.00	-242.29	242.29	15.00	15.00	0.00	0.00
4700.00	72.30	270.00	4581.89	0.00	-265.84	265.84	15.00	15.00	0.00	0.00
4725.00	76.05	270.00	4588.71	0.00	-289.89	289.89	15.00	15.00	0.00	0.00
4750.00	79.80	270.00	4593.94	0.00	-314.33	314.33	15.00	15.00	0.00	0.00
4775.00	83.55	270.00	4597.55	0.00	-339.06	339.06	15.00	15.00	0.00	0.00
4800.00	87.30	270.00	4599.55	0.00	-363.98	363.98	15.00	15.00	0.00	0.00
4818.00	90.00	270.00	4599.97	0.00	-381.97	381.97	15.00	15.00	0.00	0.00

Section 3 : Start DLS 3.00 TFO -0.12

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
4843.14	90.75	270.00	4599.81	0.00	-407.11	407.11	3.00	3.00	-0.01	-0.12

e Planning Report

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

Date: 12/16/2005 Time: 11:58:29 Page: 4
Co-ordinate(N/E) Reference: Site: Yellow B 7 Fee #2H, Grid North
Vertical (TVD) Reference: SITE 3548.0
Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
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
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	270.00	4225.00	0.00	-0.06	0.06	15.00	15.00	0.00	
4250.00	4.80	270.00	4249.96	0.00	-1.34	1.34	15.00	15.00	0.00	
4275.00	8.55	270.00	4274.79	0.00	-4.25	4.25	15.00	15.00	0.00	
4300.00	12.30	270.00	4299.37	0.00	-8.77	8.77	15.00	15.00	0.00	
4325.00	16.05	270.00	4323.61	0.00	-14.89	14.89	15.00	15.00	0.00	
4350.00	19.80	270.00	4347.39	0.00	-22.58	22.58	15.00	15.00	0.00	
4375.00	23.55	270.00	4370.62	0.00	-31.81	31.81	15.00	15.00	0.00	
4400.00	27.30	270.00	4393.19	0.00	-42.55	42.55	15.00	15.00	0.00	
4425.00	31.05	270.00	4415.02	0.00	-54.73	54.73	15.00	15.00	0.00	
4450.00	34.80	270.00	4436.00	0.00	-68.32	68.32	15.00	15.00	0.00	
4475.00	38.55	270.00	4456.04	0.00	-83.25	83.25	15.00	15.00	0.00	
4500.00	42.30	270.00	4475.07	0.00	-99.45	99.45	15.00	15.00	0.00	
4525.00	46.05	270.00	4493.00	0.00	-116.87	116.87	15.00	15.00	0.00	
4550.00	49.80	270.00	4509.75	0.00	-135.43	135.43	15.00	15.00	0.00	
4575.00	53.55	270.00	4525.25	0.00	-155.03	155.03	15.00	15.00	0.00	
4600.00	57.30	270.00	4539.43	0.00	-175.62	175.62	15.00	15.00	0.00	
4625.00	61.05	270.00	4552.24	0.00	-197.08	197.08	15.00	15.00	0.00	
4650.00	64.80	270.00	4563.62	0.00	-219.34	219.34	15.00	15.00	0.00	
4675.00	68.55	270.00	4573.52	0.00	-242.29	242.29	15.00	15.00	0.00	
4700.00	72.30	270.00	4581.89	0.00	-265.84	265.84	15.00	15.00	0.00	
4725.00	76.05	270.00	4588.71	0.00	-289.89	289.89	15.00	15.00	0.00	
4750.00	79.80	270.00	4593.94	0.00	-314.33	314.33	15.00	15.00	0.00	
4775.00	83.55	270.00	4597.55	0.00	-339.06	339.06	15.00	15.00	0.00	
4800.00	87.30	270.00	4599.55	0.00	-363.98	363.98	15.00	15.00	0.00	

e Planning Report

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

Date: 12/16/2005 Time: 11:58:29 Page: 5
Co-ordinate(N/E) Reference: Site: Yellow B 7 Fee #2H, Grid North
Vertical (TVD) Reference: SITE 3548.0
Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
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
4818.00	90.00	270.00	4599.97	0.00	-381.97	381.97	15.00	15.00	0.00	
4843.14	90.75	270.00	4599.81	0.00	-407.11	407.11	3.00	3.00	-0.01	
4900.00	90.75	270.00	4599.06	0.00	-463.97	463.97	0.00	0.00	0.00	
5000.00	90.75	270.00	4597.74	0.00	-563.96	563.96	0.00	0.00	0.00	
5100.00	90.75	270.00	4596.42	-0.01	-663.95	663.95	0.00	0.00	0.00	
5200.00	90.75	270.00	4595.11	-0.01	-763.94	763.94	0.00	0.00	0.00	
5300.00	90.75	270.00	4593.79	-0.01	-863.93	863.93	0.00	0.00	0.00	
5400.00	90.75	270.00	4592.48	-0.02	-963.92	963.92	0.00	0.00	0.00	
5500.00	90.75	270.00	4591.16	-0.02	-1063.91	1063.91	0.00	0.00	0.00	
5600.00	90.75	270.00	4589.84	-0.02	-1163.91	1163.91	0.00	0.00	0.00	
5700.00	90.75	270.00	4588.53	-0.02	-1263.90	1263.90	0.00	0.00	0.00	
5800.00	90.75	270.00	4587.21	-0.03	-1363.89	1363.89	0.00	0.00	0.00	
5900.00	90.75	270.00	4585.89	-0.03	-1463.88	1463.88	0.00	0.00	0.00	
6000.00	90.75	270.00	4584.58	-0.03	-1563.87	1563.87	0.00	0.00	0.00	
6100.00	90.75	270.00	4583.26	-0.04	-1663.86	1663.86	0.00	0.00	0.00	
6200.00	90.75	270.00	4581.94	-0.04	-1763.85	1763.85	0.00	0.00	0.00	
6300.00	90.75	270.00	4580.63	-0.04	-1863.84	1863.84	0.00	0.00	0.00	
6400.00	90.75	270.00	4579.31	-0.04	-1963.84	1963.84	0.00	0.00	0.00	
6500.00	90.75	270.00	4577.99	-0.05	-2063.83	2063.83	0.00	0.00	0.00	
6600.00	90.75	270.00	4576.68	-0.05	-2163.82	2163.82	0.00	0.00	0.00	
6700.00	90.75	270.00	4575.36	-0.05	-2263.81	2263.81	0.00	0.00	0.00	
6800.00	90.75	270.00	4574.05	-0.06	-2363.80	2363.80	0.00	0.00	0.00	
6900.00	90.75	270.00	4572.73	-0.06	-2463.79	2463.79	0.00	0.00	0.00	
7000.00	90.75	270.00	4571.41	-0.06	-2563.78	2563.78	0.00	0.00	0.00	
7100.00	90.75	270.00	4570.10	-0.06	-2663.78	2663.78	0.00	0.00	0.00	
7200.00	90.75	270.00	4568.78	-0.07	-2763.77	2763.77	0.00	0.00	0.00	
7300.00	90.75	270.00	4567.46	-0.07	-2863.76	2863.76	0.00	0.00	0.00	
7400.00	90.75	270.00	4566.15	-0.07	-2963.75	2963.75	0.00	0.00	0.00	
7500.00	90.75	270.00	4564.83	-0.07	-3063.74	3063.74	0.00	0.00	0.00	
7600.00	90.75	270.00	4563.51	-0.08	-3163.73	3163.73	0.00	0.00	0.00	
7700.00	90.75	270.00	4562.20	-0.08	-3263.72	3263.72	0.00	0.00	0.00	
7800.00	90.75	270.00	4560.88	-0.08	-3363.71	3363.71	0.00	0.00	0.00	
7900.00	90.75	270.00	4559.56	-0.09	-3463.71	3463.71	0.00	0.00	0.00	
8000.00	90.75	270.00	4558.25	-0.09	-3563.70	3563.70	0.00	0.00	0.00	
8100.00	90.75	270.00	4556.93	-0.09	-3663.69	3663.69	0.00	0.00	0.00	
8200.00	90.75	270.00	4555.61	-0.09	-3763.68	3763.68	0.00	0.00	0.00	
8300.00	90.75	270.00	4554.30	-0.10	-3863.67	3863.67	0.00	0.00	0.00	
8398.48	90.75	270.00	4553.00	-0.10	-3962.15	3962.15	0.00	0.00	0.00	
8398.64	90.75	270.00	4553.00	-0.10	-3962.30	3962.30	3.00	-2.81	1.05	

SITE DETAILS

Yellow B 7 Fee #2H

Site Centre Northing: 702977.30
Easting: 443368.50

Ground Level: 3530.00
Positional Uncertainty: 0.00
Convergence: -0.10

WELLPATH DETAILS

Yellow B 7 Fee #2H

Rig:			
Ref. Datum:	SITE	3548.00ft	
V.Section	Origin	Origin	Starting
Angle	+N/-S	+E/-W	From TVD
270.00°	0.00	0.00	4553.00

