

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<br><b>30-015-34476</b> | Pool Code<br><b>75260</b>                  | Pool Name<br><b>Cottonwood Creek; WC, West (gas)</b> |
| Property Code                     | Property Name<br><b>SAN SABA A 12 FEE</b>  | Well Number<br><b>1H</b>                             |
| OCRID No.<br><b>7377</b>          | Operator Name<br><b>EOG RESOURCES, INC</b> | Elevation<br><b>3543.7'</b>                          |

## Surface Location

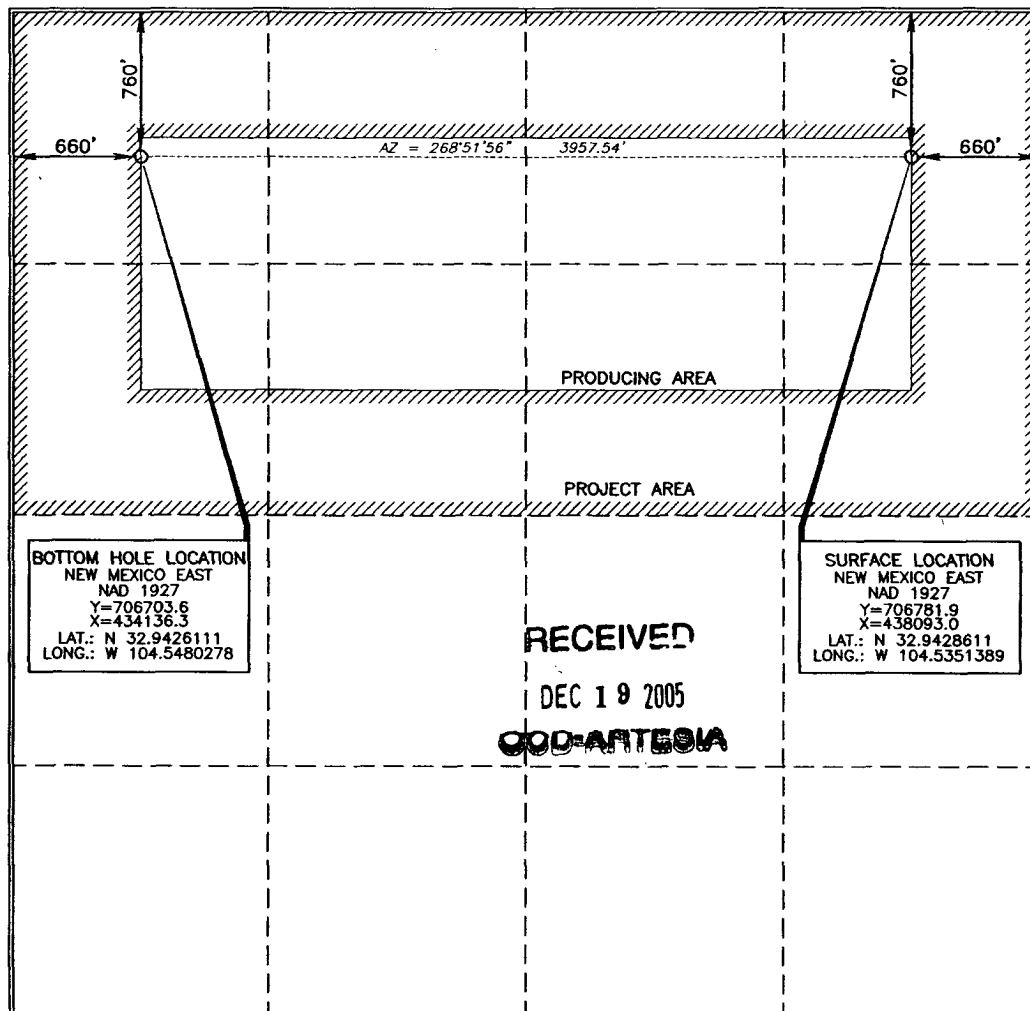
| UL or lot no. | Section   | Township        | Range                    | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-----------------|--------------------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>A</b>      | <b>12</b> | <b>16 SOUTH</b> | <b>24 EAST, N.M.P.M.</b> |         | <b>760</b>    | <b>NORTH</b>     | <b>660</b>    | <b>EAST</b>    | <b>EDDY</b> |

## Bottom Hole Location If Different From Surface

| UL or lot no. | Section   | Township        | Range                    | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-----------------|--------------------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>D</b>      | <b>12</b> | <b>16 SOUTH</b> | <b>24 EAST, N.M.P.M.</b> |         | <b>760</b>    | <b>NORTH</b>     | <b>660</b>    | <b>WEST</b>    | <b>EDDY</b> |

|                               |                 |                    |           |
|-------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br><b>320</b> | 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.

*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

*Terry J. Asel* 12/5/05  
Certificate Number 15079

WO# 051122WL-d (CDG)

**Permit Information:**

Well Name: San Saba A 12 Fee #1H

**Location:**

SL 760' FSL &amp; 200' FEL, Section 12, T-16-S, R-24-E, Eddy Co., N.M.

BHL 760' FSL &amp; 660' FWL, Section 12, T-16-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 | 8,394'        | 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 <sub>2</sub> + 3% Econolite + 1/4 pps Flocele                        |
|        | 200       | Tail: Premium Plus + 2% CaCl <sub>2</sub> + 1/4 pps Flocele                                       |
| 8,394' | 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' – 5,100' | Cut Brine         | 8.8-9.2      | 28-34     | 10-15      |
| 4,200' – 8,394' | Polymer (Lateral) | 9.0-9.4      | 40-45     | 10-25      |



**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 H<sub>2</sub>S Contingency Plan for the San Saba A 12 Fee #1H. The current plan is to complete this well in the Wolfcamp, which is sweet, and I do not anticipate encountering any H<sub>2</sub>S bearing formations during drilling operations.

Sincerely,

Jason LaGrega  
Drilling Engineer

**e**

[illegible]

# e Planning Report

Company: eog resources  
Field: Thames  
Site: San Saba A 12 Fee #1H  
Well: San Saba A 12 Fee #1H  
Wellpath: San Saba A 12 Fee #1H

Date: 12/16/2005 Time: 12:12:22 Page: 2  
Co-ordinate(NE) Reference: Site: San Saba A 12 Fee #1H, Grid North  
Vertical (TVD) Reference: SITE 3561.0  
Section (VS) Reference: Well (0.00N,0.00E,268.87Azi)  
Plan: Plan #1

## Section 1 : Start Hold

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | VS<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | TFO<br>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<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | VS<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | TFO<br>deg |
|----------|-------------|-------------|-----------|-------------|-------------|----------|------------------|--------------------|-------------------|------------|
| 4225.00  | 1.05        | 268.87      | 4225.00   | 0.00        | -0.06       | 0.06     | 15.00            | 15.00              | 0.00              | 0.00       |
| 4250.00  | 4.80        | 268.87      | 4249.96   | -0.03       | -1.34       | 1.34     | 15.00            | 15.00              | 0.00              | 0.00       |
| 4275.00  | 8.55        | 268.87      | 4274.79   | -0.08       | -4.24       | 4.25     | 15.00            | 15.00              | 0.00              | 0.00       |
| 4300.00  | 12.30       | 268.87      | 4299.37   | -0.17       | -8.77       | 8.77     | 15.00            | 15.00              | 0.00              | 0.00       |
| 4325.00  | 16.05       | 268.87      | 4323.61   | -0.29       | -14.89      | 14.89    | 15.00            | 15.00              | 0.00              | 0.00       |
| 4350.00  | 19.80       | 268.87      | 4347.39   | -0.45       | -22.58      | 22.58    | 15.00            | 15.00              | 0.00              | 0.00       |
| 4375.00  | 23.55       | 268.87      | 4370.62   | -0.63       | -31.81      | 31.81    | 15.00            | 15.00              | 0.00              | 0.00       |
| 4400.00  | 27.30       | 268.87      | 4393.19   | -0.84       | -42.54      | 42.55    | 15.00            | 15.00              | 0.00              | 0.00       |
| 4425.00  | 31.05       | 268.87      | 4415.02   | -1.08       | -54.72      | 54.73    | 15.00            | 15.00              | 0.00              | 0.00       |
| 4450.00  | 34.80       | 268.87      | 4436.00   | -1.35       | -68.30      | 68.32    | 15.00            | 15.00              | 0.00              | 0.00       |
| 4475.00  | 38.55       | 268.87      | 4456.04   | -1.64       | -83.23      | 83.25    | 15.00            | 15.00              | 0.00              | 0.00       |
| 4500.00  | 42.30       | 268.87      | 4475.07   | -1.96       | -99.43      | 99.45    | 15.00            | 15.00              | 0.00              | 0.00       |
| 4525.00  | 46.05       | 268.87      | 4493.00   | -2.30       | -116.85     | 116.87   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4550.00  | 49.80       | 268.87      | 4509.75   | -2.67       | -135.40     | 135.43   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4575.00  | 53.55       | 268.87      | 4525.25   | -3.06       | -155.00     | 155.03   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4600.00  | 57.30       | 268.87      | 4539.43   | -3.46       | -175.58     | 175.62   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4625.00  | 61.05       | 268.87      | 4552.24   | -3.89       | -197.04     | 197.08   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4650.00  | 64.80       | 268.87      | 4563.62   | -4.33       | -219.29     | 219.34   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4675.00  | 68.55       | 268.87      | 4573.52   | -4.78       | -242.24     | 242.29   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4700.00  | 72.30       | 268.87      | 4581.89   | -5.24       | -265.79     | 265.84   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4725.00  | 76.05       | 268.87      | 4588.71   | -5.72       | -289.83     | 289.89   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4750.00  | 79.80       | 268.87      | 4593.94   | -6.20       | -314.27     | 314.33   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4775.00  | 83.55       | 268.87      | 4597.55   | -6.69       | -339.00     | 339.06   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4800.00  | 87.30       | 268.87      | 4599.55   | -7.18       | -363.91     | 363.98   | 15.00            | 15.00              | 0.00              | 0.00       |
| 4818.00  | 90.00       | 268.87      | 4599.97   | -7.53       | -381.90     | 381.97   | 15.00            | 15.00              | 0.00              | 0.00       |

## Section 3 : Start DLS 3.00 TFO -0.31

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | VS<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | TFO<br>deg |
|----------|-------------|-------------|-----------|-------------|-------------|----------|------------------|--------------------|-------------------|------------|
| 4843.18  | 90.76       | 268.87      | 4599.81   | -8.03       | -407.07     | 407.15   | 3.00             | 3.00               | -0.02             | -0.31      |

## e

**Date:** 12/16/2005      **Time:** 12:12:22      **Page:** 3  
**Co-ordinate(NE) Reference:** Site: San Saba A 12 Fee #1H, Grid North  
**Vertical (TVD) Reference:** SITE 3561.0  
**Section (VS) Reference:** Well (0.00N,0.00E,268.87Azi)  
**Plan:** Plan #1

## Section 4 : Start Hold

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | VS<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | TFO<br>deg |
|----------|-------------|-------------|-----------|-------------|-------------|----------|------------------|--------------------|-------------------|------------|
| 4900.00  | 90.76       | 268.87      | 4599.06   | -9.15       | -463.88     | 463.97   | 0.00             | 0.00               | 0.00              | 0.00       |
| 5000.00  | 90.76       | 268.87      | 4597.74   | -11.13      | -563.85     | 563.96   | 0.00             | 0.00               | 0.00              | 0.00       |
| 5100.00  | 90.76       | 268.87      | 4596.42   | -13.11      | -663.82     | 663.95   | 0.00             | 0.00               | 0.00              | 0.00       |
| 5200.00  | 90.76       | 268.87      | 4595.10   | -15.09      | -763.79     | 763.94   | 0.00             | 0.00               | 0.00              | 0.00       |
| 5300.00  | 90.76       | 268.87      | 4593.78   | -17.07      | -863.76     | 863.93   | 0.00             | 0.00               | 0.00              | 0.00       |
| 5400.00  | 90.76       | 268.87      | 4592.47   | -19.05      | -963.73     | 963.92   | 0.00             | 0.00               | 0.00              | 0.00       |
| 5500.00  | 90.76       | 268.87      | 4591.15   | -21.03      | -1063.71    | 1063.91  | 0.00             | 0.00               | 0.00              | 0.00       |
| 5600.00  | 90.76       | 268.87      | 4589.83   | -23.01      | -1163.68    | 1163.91  | 0.00             | 0.00               | 0.00              | 0.00       |
| 5700.00  | 90.76       | 268.87      | 4588.51   | -24.99      | -1263.65    | 1263.90  | 0.00             | 0.00               | 0.00              | 0.00       |
| 5800.00  | 90.76       | 268.87      | 4587.19   | -26.97      | -1363.62    | 1363.89  | 0.00             | 0.00               | 0.00              | 0.00       |
| 5900.00  | 90.76       | 268.87      | 4585.87   | -28.95      | -1463.59    | 1463.88  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6000.00  | 90.76       | 268.87      | 4584.56   | -30.92      | -1563.56    | 1563.87  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6100.00  | 90.76       | 268.87      | 4583.24   | -32.90      | -1663.54    | 1663.86  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6200.00  | 90.76       | 268.87      | 4581.92   | -34.88      | -1763.51    | 1763.85  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6300.00  | 90.76       | 268.87      | 4580.60   | -36.86      | -1863.48    | 1863.84  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6400.00  | 90.76       | 268.87      | 4579.28   | -38.84      | -1963.45    | 1963.84  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6500.00  | 90.76       | 268.87      | 4577.96   | -40.82      | -2063.42    | 2063.83  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6600.00  | 90.76       | 268.87      | 4576.65   | -42.80      | -2163.40    | 2163.82  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6700.00  | 90.76       | 268.87      | 4575.33   | -44.78      | -2263.37    | 2263.81  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6800.00  | 90.76       | 268.87      | 4574.01   | -46.76      | -2363.34    | 2363.80  | 0.00             | 0.00               | 0.00              | 0.00       |
| 6900.00  | 90.76       | 268.87      | 4572.69   | -48.74      | -2463.31    | 2463.79  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7000.00  | 90.76       | 268.87      | 4571.37   | -50.72      | -2563.28    | 2563.78  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7100.00  | 90.76       | 268.87      | 4570.06   | -52.69      | -2663.25    | 2663.78  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7200.00  | 90.76       | 268.87      | 4568.74   | -54.67      | -2763.23    | 2763.77  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7300.00  | 90.76       | 268.87      | 4567.42   | -56.65      | -2863.20    | 2863.76  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7400.00  | 90.76       | 268.87      | 4566.10   | -58.63      | -2963.17    | 2963.75  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7500.00  | 90.76       | 268.87      | 4564.78   | -60.61      | -3063.14    | 3063.74  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7600.00  | 90.76       | 268.87      | 4563.46   | -62.59      | -3163.11    | 3163.73  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7700.00  | 90.76       | 268.87      | 4562.15   | -64.57      | -3263.08    | 3263.72  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7800.00  | 90.76       | 268.87      | 4560.83   | -66.55      | -3363.06    | 3363.71  | 0.00             | 0.00               | 0.00              | 0.00       |
| 7900.00  | 90.76       | 268.87      | 4559.51   | -68.53      | -3463.03    | 3463.71  | 0.00             | 0.00               | 0.00              | 0.00       |
| 8000.00  | 90.76       | 268.87      | 4558.19   | -70.51      | -3563.00    | 3563.70  | 0.00             | 0.00               | 0.00              | 0.00       |
| 8100.00  | 90.76       | 268.87      | 4556.87   | -72.49      | -3662.97    | 3663.69  | 0.00             | 0.00               | 0.00              | 0.00       |
| 8200.00  | 90.76       | 268.87      | 4555.55   | -74.46      | -3762.94    | 3763.68  | 0.00             | 0.00               | 0.00              | 0.00       |
| 8300.00  | 90.76       | 268.87      | 4554.24   | -76.44      | -3862.91    | 3863.67  | 0.00             | 0.00               | 0.00              | 0.00       |
| 8393.59  | 90.76       | 268.87      | 4553.00   | -78.30      | -3956.48    | 3957.25  | 0.00             | 0.00               | 0.00              | 0.00       |

**Section 5 : Start DLS 3.00 TFO 142.40**

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N-S<br>ft | +E-W<br>ft | VS<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | TFO<br>deg |
|----------|-------------|-------------|-----------|------------|------------|----------|------------------|--------------------|-------------------|------------|
| 8393.81  | 90.75       | 268.87      | 4553.00   | -78.30     | -3956.70   | 3957.47  | 3.00             | -2.38              | 1.83              | 142.40     |

## Survey

[illegible]

# e Planning Report

Company: eog resources  
Field: Thames  
Site: San Saba A 12 Fee #1H  
Well: San Saba A 12 Fee #1H  
Wellpath: San Saba A 12 Fee #1H

Date: 12/16/2005 Time: 12:12:22 Page: 4  
Co-ordinate(N/E) Reference: Site: San Saba A 12 Fee #1H, Grid North  
Vertical (TVD) Reference: SITE 3561.0  
Section (VS) Reference: Well (0.00N,0.00E,268.87Azi)  
Plan: Plan #1

## Survey

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | VS<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>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        | 268.87      | 4225.00   | 0.00        | -0.06       | 0.06     | 15.00            | 15.00              | 0.00              |              |
| 4250.00  | 4.80        | 268.87      | 4249.96   | -0.03       | -1.34       | 1.34     | 15.00            | 15.00              | 0.00              |              |
| 4275.00  | 8.55        | 268.87      | 4274.79   | -0.08       | -4.24       | 4.25     | 15.00            | 15.00              | 0.00              |              |
| 4300.00  | 12.30       | 268.87      | 4299.37   | -0.17       | -8.77       | 8.77     | 15.00            | 15.00              | 0.00              |              |
| 4325.00  | 16.05       | 268.87      | 4323.61   | -0.29       | -14.89      | 14.89    | 15.00            | 15.00              | 0.00              |              |
| 4350.00  | 19.80       | 268.87      | 4347.39   | -0.45       | -22.58      | 22.58    | 15.00            | 15.00              | 0.00              |              |
| 4375.00  | 23.55       | 268.87      | 4370.62   | -0.63       | -31.81      | 31.81    | 15.00            | 15.00              | 0.00              |              |
| 4400.00  | 27.30       | 268.87      | 4393.19   | -0.84       | -42.54      | 42.55    | 15.00            | 15.00              | 0.00              |              |
| 4425.00  | 31.05       | 268.87      | 4415.02   | -1.08       | -54.72      | 54.73    | 15.00            | 15.00              | 0.00              |              |
| 4450.00  | 34.80       | 268.87      | 4436.00   | -1.35       | -68.30      | 68.32    | 15.00            | 15.00              | 0.00              |              |
| 4475.00  | 38.55       | 268.87      | 4456.04   | -1.64       | -83.23      | 83.25    | 15.00            | 15.00              | 0.00              |              |
| 4500.00  | 42.30       | 268.87      | 4475.07   | -1.96       | -99.43      | 99.45    | 15.00            | 15.00              | 0.00              |              |
| 4525.00  | 46.05       | 268.87      | 4493.00   | -2.30       | -116.85     | 116.87   | 15.00            | 15.00              | 0.00              |              |
| 4550.00  | 49.80       | 268.87      | 4509.75   | -2.67       | -135.40     | 135.43   | 15.00            | 15.00              | 0.00              |              |
| 4575.00  | 53.55       | 268.87      | 4525.25   | -3.06       | -155.00     | 155.03   | 15.00            | 15.00              | 0.00              |              |
| 4600.00  | 57.30       | 268.87      | 4539.43   | -3.46       | -175.58     | 175.62   | 15.00            | 15.00              | 0.00              |              |
| 4625.00  | 61.05       | 268.87      | 4552.24   | -3.89       | -197.04     | 197.08   | 15.00            | 15.00              | 0.00              |              |
| 4650.00  | 64.80       | 268.87      | 4563.62   | -4.33       | -219.29     | 219.34   | 15.00            | 15.00              | 0.00              |              |
| 4675.00  | 68.55       | 268.87      | 4573.52   | -4.78       | -242.24     | 242.29   | 15.00            | 15.00              | 0.00              |              |
| 4700.00  | 72.30       | 268.87      | 4581.89   | -5.24       | -265.79     | 265.84   | 15.00            | 15.00              | 0.00              |              |
| 4725.00  | 76.05       | 268.87      | 4588.71   | -5.72       | -289.83     | 289.89   | 15.00            | 15.00              | 0.00              |              |
| 4750.00  | 79.80       | 268.87      | 4593.94   | -6.20       | -314.27     | 314.33   | 15.00            | 15.00              | 0.00              |              |
| 4775.00  | 83.55       | 268.87      | 4597.55   | -6.69       | -339.00     | 339.06   | 15.00            | 15.00              | 0.00              |              |
| 4800.00  | 87.30       | 268.87      | 4599.55   | -7.18       | -363.91     | 363.98   | 15.00            | 15.00              | 0.00              |              |

# e Planning Report

Company: eog resources  
Field: Thames  
Site: San Saba A 12 Fee #1H  
Well: San Saba A 12 Fee #1H  
Wellpath: San Saba A 12 Fee #1H

Date: 12/16/2005 Time: 12:12:22 Page: 5  
Co-ordinate(NE) Reference: Site: San Saba A 12 Fee #1H, Grid North  
Vertical (TVD) Reference: SITE 3561.0  
Section (VS) Reference: Well (0.00N,0.00E,268.87Azi)  
Plan: Plan #1

## Survey

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | VS<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | Tool/Comment |
|----------|-------------|-------------|-----------|-------------|-------------|----------|------------------|--------------------|-------------------|--------------|
| 4818.00  | 90.00       | 268.87      | 4599.97   | -7.53       | -381.90     | 381.97   | 15.00            | 15.00              | 0.00              |              |
| 4843.18  | 90.76       | 268.87      | 4599.81   | -8.03       | -407.07     | 407.15   | 3.00             | 3.00               | -0.02             |              |
| 4900.00  | 90.76       | 268.87      | 4599.06   | -9.15       | -463.88     | 463.97   | 0.00             | 0.00               | 0.00              |              |
| 5000.00  | 90.76       | 268.87      | 4597.74   | -11.13      | -563.85     | 563.96   | 0.00             | 0.00               | 0.00              |              |
| 5100.00  | 90.76       | 268.87      | 4596.42   | -13.11      | -663.82     | 663.95   | 0.00             | 0.00               | 0.00              |              |
| 5200.00  | 90.76       | 268.87      | 4595.10   | -15.09      | -763.79     | 763.94   | 0.00             | 0.00               | 0.00              |              |
| 5300.00  | 90.76       | 268.87      | 4593.78   | -17.07      | -863.76     | 863.93   | 0.00             | 0.00               | 0.00              |              |
| 5400.00  | 90.76       | 268.87      | 4592.47   | -19.05      | -963.73     | 963.92   | 0.00             | 0.00               | 0.00              |              |
| 5500.00  | 90.76       | 268.87      | 4591.15   | -21.03      | -1063.71    | 1063.91  | 0.00             | 0.00               | 0.00              |              |
| 5600.00  | 90.76       | 268.87      | 4589.83   | -23.01      | -1163.68    | 1163.91  | 0.00             | 0.00               | 0.00              |              |
| 5700.00  | 90.76       | 268.87      | 4588.51   | -24.99      | -1263.65    | 1263.90  | 0.00             | 0.00               | 0.00              |              |
| 5800.00  | 90.76       | 268.87      | 4587.19   | -26.97      | -1363.62    | 1363.89  | 0.00             | 0.00               | 0.00              |              |
| 5900.00  | 90.76       | 268.87      | 4585.87   | -28.95      | -1463.59    | 1463.88  | 0.00             | 0.00               | 0.00              |              |
| 6000.00  | 90.76       | 268.87      | 4584.56   | -30.92      | -1563.56    | 1563.87  | 0.00             | 0.00               | 0.00              |              |
| 6100.00  | 90.76       | 268.87      | 4583.24   | -32.90      | -1663.54    | 1663.86  | 0.00             | 0.00               | 0.00              |              |
| 6200.00  | 90.76       | 268.87      | 4581.92   | -34.88      | -1763.51    | 1763.85  | 0.00             | 0.00               | 0.00              |              |
| 6300.00  | 90.76       | 268.87      | 4580.60   | -36.86      | -1863.48    | 1863.84  | 0.00             | 0.00               | 0.00              |              |
| 6400.00  | 90.76       | 268.87      | 4579.28   | -38.84      | -1963.45    | 1963.84  | 0.00             | 0.00               | 0.00              |              |
| 6500.00  | 90.76       | 268.87      | 4577.96   | -40.82      | -2063.42    | 2063.83  | 0.00             | 0.00               | 0.00              |              |
| 6600.00  | 90.76       | 268.87      | 4576.65   | -42.80      | -2163.40    | 2163.82  | 0.00             | 0.00               | 0.00              |              |
| 6700.00  | 90.76       | 268.87      | 4575.33   | -44.78      | -2263.37    | 2263.81  | 0.00             | 0.00               | 0.00              |              |
| 6800.00  | 90.76       | 268.87      | 4574.01   | -46.76      | -2363.34    | 2363.80  | 0.00             | 0.00               | 0.00              |              |
| 6900.00  | 90.76       | 268.87      | 4572.69   | -48.74      | -2463.31    | 2463.79  | 0.00             | 0.00               | 0.00              |              |
| 7000.00  | 90.76       | 268.87      | 4571.37   | -50.72      | -2563.28    | 2563.78  | 0.00             | 0.00               | 0.00              |              |
| 7100.00  | 90.76       | 268.87      | 4570.06   | -52.69      | -2663.25    | 2663.78  | 0.00             | 0.00               | 0.00              |              |
| 7200.00  | 90.76       | 268.87      | 4568.74   | -54.67      | -2763.23    | 2763.77  | 0.00             | 0.00               | 0.00              |              |
| 7300.00  | 90.76       | 268.87      | 4567.42   | -56.65      | -2863.20    | 2863.76  | 0.00             | 0.00               | 0.00              |              |
| 7400.00  | 90.76       | 268.87      | 4566.10   | -58.63      | -2963.17    | 2963.75  | 0.00             | 0.00               | 0.00              |              |
| 7500.00  | 90.76       | 268.87      | 4564.78   | -60.61      | -3063.14    | 3063.74  | 0.00             | 0.00               | 0.00              |              |
| 7600.00  | 90.76       | 268.87      | 4563.46   | -62.59      | -3163.11    | 3163.73  | 0.00             | 0.00               | 0.00              |              |
| 7700.00  | 90.76       | 268.87      | 4562.15   | -64.57      | -3263.08    | 3263.72  | 0.00             | 0.00               | 0.00              |              |
| 7800.00  | 90.76       | 268.87      | 4560.83   | -66.55      | -3363.06    | 3363.71  | 0.00             | 0.00               | 0.00              |              |
| 7900.00  | 90.76       | 268.87      | 4559.51   | -68.53      | -3463.03    | 3463.71  | 0.00             | 0.00               | 0.00              |              |
| 8000.00  | 90.76       | 268.87      | 4558.19   | -70.51      | -3563.00    | 3563.70  | 0.00             | 0.00               | 0.00              |              |
| 8100.00  | 90.76       | 268.87      | 4556.87   | -72.49      | -3662.97    | 3663.69  | 0.00             | 0.00               | 0.00              |              |
| 8200.00  | 90.76       | 268.87      | 4555.55   | -74.46      | -3762.94    | 3763.68  | 0.00             | 0.00               | 0.00              |              |
| 8300.00  | 90.76       | 268.87      | 4554.24   | -76.44      | -3862.91    | 3863.67  | 0.00             | 0.00               | 0.00              |              |
| 8393.59  | 90.76       | 268.87      | 4553.00   | -78.30      | -3956.48    | 3957.25  | 0.00             | 0.00               | 0.00              |              |
| 8393.81  | 90.75       | 268.87      | 4553.00   | -78.30      | -3956.70    | 3957.47  | 3.00             | -2.38              | 1.83              |              |

# SITE DETAILS

San Saba A 12 Fee #1H

Site Centre Northing: 706781.90  
Easting: 438093.00

Ground Level: 3544.00  
Positional Uncertainty: 0.00  
Convergence: -0.11

## WELLPATH DETAILS

San Saba A 12 Fee #1H

| Rig:               | SITE            |                 |                      | 3561.00ft |
|--------------------|-----------------|-----------------|----------------------|-----------|
| Ref. Datum:        |                 |                 |                      |           |
| V.Section<br>Angle | Origin<br>+N/-S | Origin<br>+E/-W | Starting<br>From TVD |           |
| 268.87°            | 0.00            | 0.00            | 4553.00              |           |

