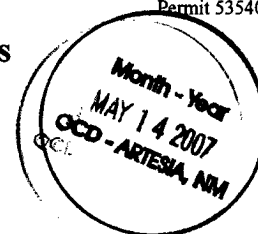


District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

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

Form C-101
Permit 53540



APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702		2. OGRID Number 7377
		3. API Number 30-015-35612
4. Property Code 35612	5. Property Name SEINE B 6 FEE	6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	6	16S	25E	9	1990	N	225	E	EDDY

8. Pool Information

COTTONWOOD CREEK;WC, WEST (GAS)	75260
---------------------------------	-------

Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3521
14. Multiple N	15. Proposed Depth 5200	16. Formation Wolfcamp	17. Contractor	18. Spud Date
Depth to Ground water 50		Distance from nearest fresh water well 500		Distance to nearest surface water 500
Pit: Liner: Synthetic ☒ 12 _____ mils thick Clay ☐ Pit Volume: 10000 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	12.25	8.625	32	950	450	0
Prod	7.875	5.5	17	9265	820	0

Casing/Cement Program: Additional Comments

--

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

Printed Name: Donny G Glanton
Title: SR. LEASE OPERATIONS REP
Email Address: donny.glanton@eogresources.com
Date: 5/14/07 Phone: 432-681-3642

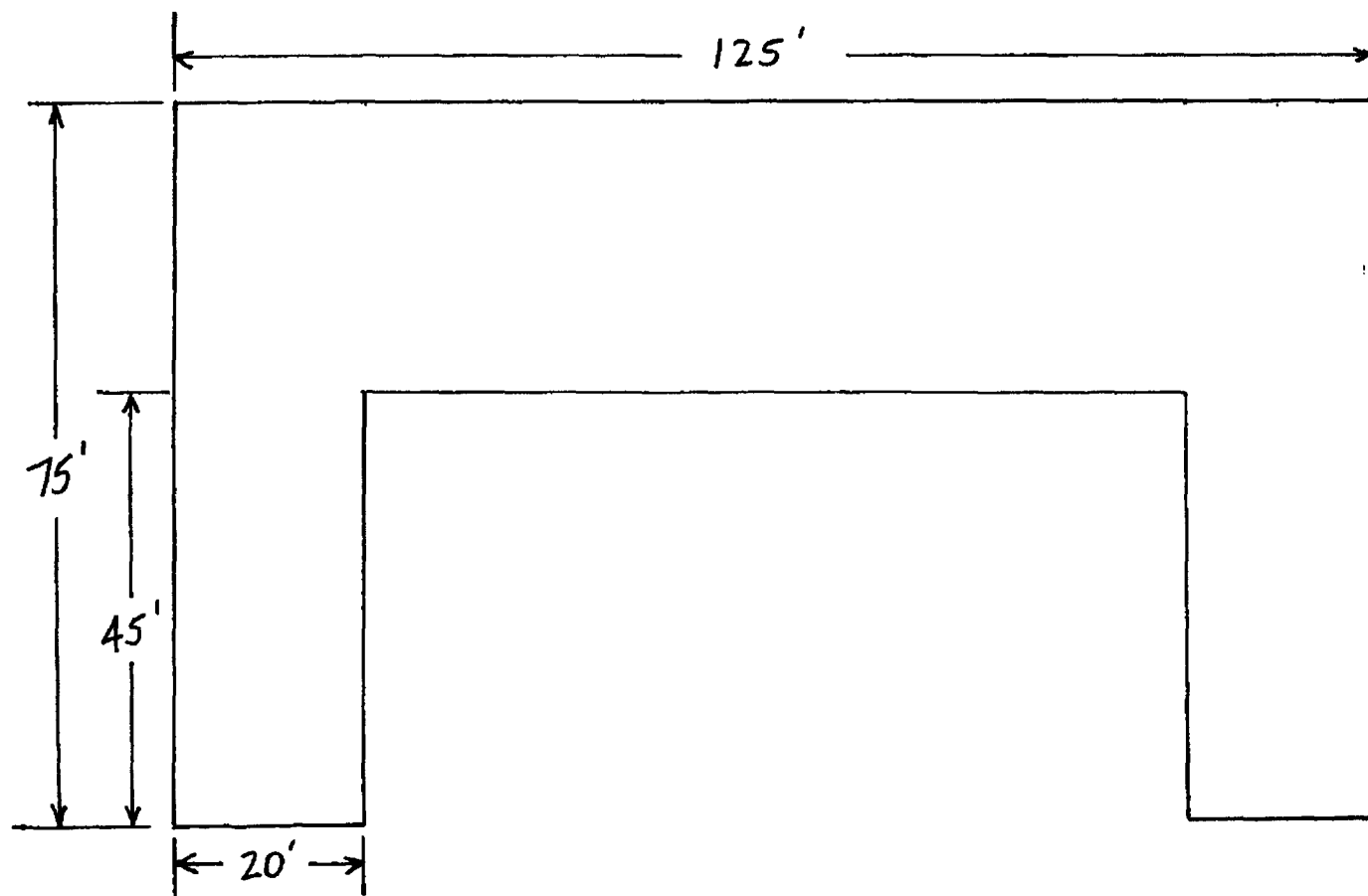
OIL CONSERVATION DIVISION

Approved By: BRYAN G. ARRANT
Title: DISTRICT II GEOLOGIST

Approved MAY 16 2007 Expiration Date MAY 16 2008

See conditions of approval

NEW MEXICO SINGLE HORSESHOE RESERVE PIT DESIGN



Approximate Volume: 10,000 barrels

Scale: 1" = 20'

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-	Pool Code 75260	Pool Name Cottonwood Creek; WC West (Gas)
Property Code	Property Name SEINE B 6 FEE	Well Number 2H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3521'

Surface Location

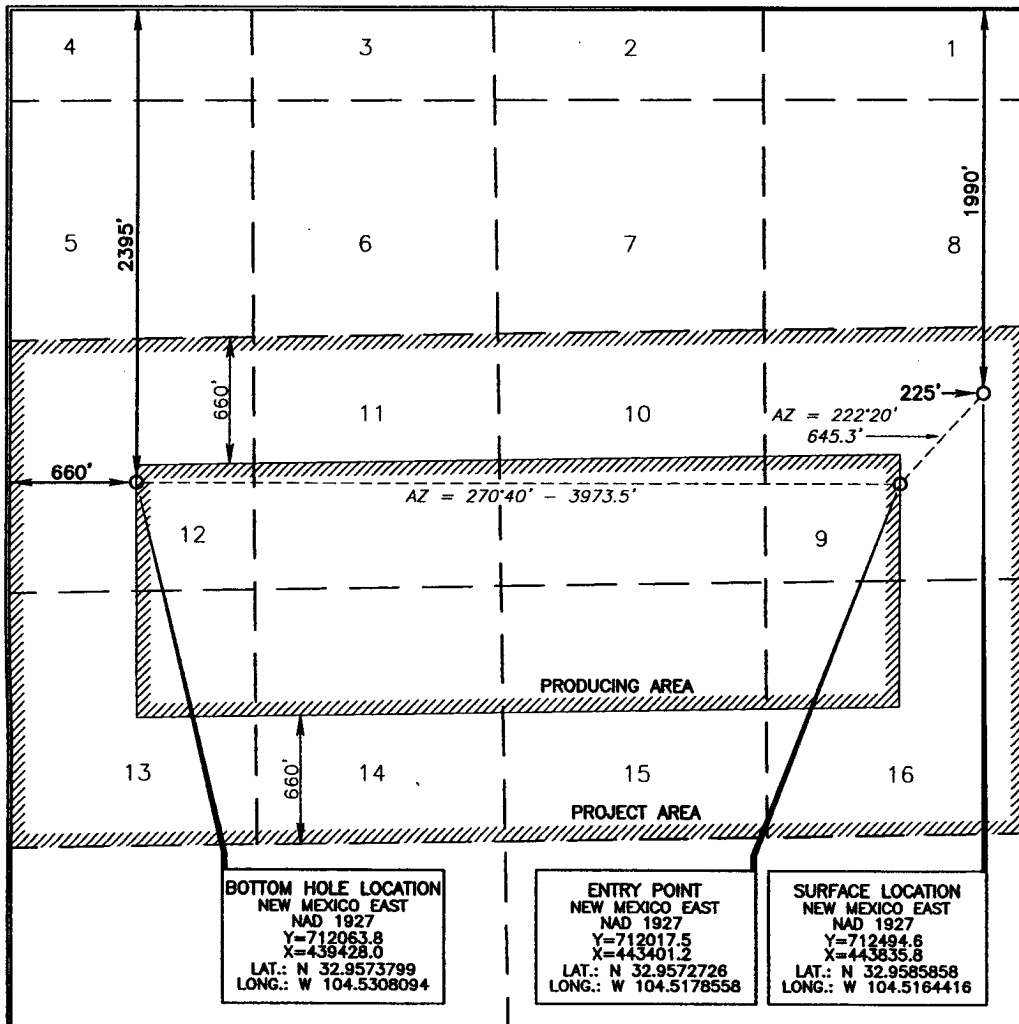
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
9	6	16 SOUTH	25 EAST, N.M.P.M.		1990	NORTH	225	EAST	EDDY

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
12	6	16 SOUTH	25 EAST, N.M.P.M.		2395	NORTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
319.52			

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 4/17/06
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.

Terry J. Chase
Date of Survey Seal of Professional Surveyor
Certificate Number 15079

WOF 060330WL-b (COC)

Permit Information:

Well Name: Seine B 6 Fee #2H

Location:

SL 1,990' FNL & 225' FEL, Section 6, T-16-S, R-25-E, Eddy Co., N.M.

BHL 2,395' FNL & 660' FWL, Section 6, 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	950'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	9,265'	7-7/8"	5-1/2"	17#	N-80	Surface

Cement Program:

Depth	No. Sacks	Slurries:
950'	200	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + ¼ pps Flocele
	250	Tail: Premium Plus + 2% CaCl ₂ + ¼ pps Flocele
9,265'	460	Lead: Interfill C + ¼ pps Flocele
	360	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
4,400' - 9,265'	Polymer (Lateral)	9.0-9.4	40-45	10-25

EOG - Midland (3)

Thames

Seine B 6 Fee #2H

Seine B 6 Fee #2H

Seine B 6 Fee #2H

Plan: Plan #1 041706

Standard Planning Report

17 April, 2006

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Seine B 6 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3539.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3539.0ft (Original Well Elev)
Site:	Seine B 6 Fee #2H	North Reference:	Grid
Well:	Seine B 6 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Seine B 6 Fee #2H		
Design:	Plan #1 041706		

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:	Seine B 6 Fee #2H				
Site Position:		Northing:	712,494.60 ft	Latitude:	32° 57' 30.909 N
From:	Map	Easting:	443,835.80 ft	Longitude:	104° 30' 59.190 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-0.10 °

Well:	Seine B 6 Fee #2H					
Well Position	+N/-S	0.0 ft	Northing:	712,494.60 ft	Latitude:	32° 57' 30.909 N
	+E/-W	0.0 ft	Easting:	443,835.80 ft	Longitude:	104° 30' 59.190 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	3,521.0 ft

Wellbore:	Seine B 6 Fee #2H				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2005	4/17/2006	8.66	60.80	49,452

Design:	Plan #1 041706			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	264.42

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	—
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,955.9	83.39	210.12	4,779.4	-292.4	-169.6	15.00	15.00	0.00	210.12	
4,955.9	83.39	210.12	4,779.4	-292.4	-169.6	0.00	0.00	0.00	0.00	
5,290.2	90.00	259.93	4,800.0	-477.1	-434.6	15.00	1.98	14.90	84.45	Entry Point B2
5,665.6	90.00	271.20	4,800.0	-506.1	-808.3	3.00	0.00	3.00	90.00	
9,265.9	90.00	271.20	4,800.0	-430.8	-4,407.8	0.00	0.00	0.00	0.00	PBHL Seine B 6 Fee

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Seine B 6 Fee #2H
Well: Seine B 6 Fee #2H
Wellbore: Seine B 6 Fee #2H
Design: Plan #1 041706

Local Co-ordinates Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Seine B 6 Fee #2H
WELL @ 3539.0ft (Original Well Elev)
WELL @ 3539.0ft (Original Well Elev)
Grid
Minimum Curvature

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	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,425.0	3.75	210.12	4,425.0	-0.7	-0.4	0.5	15.00	15.00	0.00
4,450.0	7.50	210.12	4,449.9	-2.8	-1.6	1.9	15.00	15.00	0.00
4,475.0	11.25	210.12	4,474.5	-6.3	-3.7	4.3	15.00	15.00	0.00
4,500.0	15.00	210.12	4,498.9	-11.3	-6.5	7.6	15.00	15.00	0.00
4,525.0	18.75	210.12	4,522.8	-17.5	-10.2	11.8	15.00	15.00	0.00
4,550.0	22.50	210.12	4,546.2	-25.1	-14.6	17.0	15.00	15.00	0.00
4,575.0	26.25	210.12	4,568.9	-34.1	-19.8	23.0	15.00	15.00	0.00
4,600.0	30.00	210.12	4,591.0	-44.3	-25.7	29.9	15.00	15.00	0.00
4,625.0	33.75	210.12	4,612.2	-55.7	-32.3	37.6	15.00	15.00	0.00

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Seine B 6 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3539.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3539.0ft (Original Well Elev)
Site:	Seine B 6 Fee #2H	North Reference:	Grid
Well:	Seine B 6 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Seine B 6 Fee #2H		
Design:	Plan #1 041706		

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)
4,650.0	37.50	210.12	4,632.5	-68.3	-39.6	46.1	15.00	15.00	0.00
4,675.0	41.25	210.12	4,651.9	-82.0	-47.6	55.3	15.00	15.00	0.00
4,700.0	45.00	210.12	4,670.1	-96.8	-56.1	65.3	15.00	15.00	0.00
4,725.0	48.75	210.12	4,687.2	-112.5	-65.3	75.9	15.00	15.00	0.00
4,750.0	52.50	210.12	4,703.0	-129.3	-75.0	87.2	15.00	15.00	0.00
4,775.0	56.25	210.12	4,717.6	-146.8	-85.2	99.1	15.00	15.00	0.00
4,800.0	60.00	210.12	4,730.8	-165.2	-95.8	111.5	15.00	15.00	0.00
4,825.0	63.75	210.12	4,742.6	-184.3	-106.9	124.3	15.00	15.00	0.00
4,850.0	67.50	210.12	4,752.9	-204.0	-118.3	137.6	15.00	15.00	0.00
4,875.0	71.25	210.12	4,761.7	-224.2	-130.1	151.3	15.00	15.00	0.00
4,900.0	75.00	210.12	4,769.0	-244.9	-142.1	165.2	15.00	15.00	0.00
4,925.0	78.75	210.12	4,774.6	-265.9	-154.3	179.4	15.00	15.00	0.00
4,950.0	82.50	210.12	4,778.7	-287.3	-166.7	193.8	15.00	15.00	0.00
4,955.9	83.39	210.12	4,779.4	-292.4	-169.6	197.2	14.98	14.98	0.00
4,955.9	83.39	210.12	4,779.4	-292.4	-169.6	197.2	0.00	0.00	0.00
4,975.0	83.67	212.98	4,781.6	-308.5	-179.5	208.7	15.00	1.49	15.02
5,000.0	84.07	216.73	4,784.2	-328.9	-193.7	224.8	15.00	1.59	15.00
5,025.0	84.49	220.48	4,786.7	-348.3	-209.3	242.1	15.00	1.69	14.98
5,050.0	84.94	224.22	4,789.0	-366.7	-226.0	260.6	15.00	1.78	14.96
5,075.0	85.41	227.95	4,791.1	-384.0	-244.0	280.1	15.00	1.87	14.94
5,100.0	85.89	231.68	4,793.0	-400.1	-263.0	300.7	15.00	1.95	14.92
5,125.0	86.40	235.41	4,794.7	-414.9	-283.1	322.1	15.00	2.01	14.90
5,150.0	86.92	239.13	4,796.2	-428.4	-304.1	344.3	15.00	2.08	14.88
5,175.0	87.45	242.84	4,797.4	-440.5	-325.9	367.2	15.00	2.13	14.87
5,200.0	87.99	246.56	4,798.4	-451.2	-348.5	390.7	15.00	2.17	14.85
5,225.0	88.54	250.27	4,799.2	-460.4	-371.7	414.7	15.00	2.20	14.84
5,250.0	89.10	253.98	4,799.7	-468.0	-395.5	439.1	15.00	2.23	14.84
5,275.0	89.66	257.69	4,800.0	-474.2	-419.7	463.8	15.00	2.24	14.83
5,290.2	90.00	259.93	4,800.0	-477.1	-434.6	478.9	15.00	2.25	14.83
Entry Point B2									
5,300.0	90.00	260.23	4,800.0	-478.8	-444.3	488.7	3.00	0.00	3.00
5,400.0	90.00	263.23	4,800.0	-493.2	-543.2	588.6	3.00	0.00	3.00
5,500.0	90.00	266.23	4,800.0	-502.4	-642.8	688.6	3.00	0.00	3.00
5,600.0	90.00	269.23	4,800.0	-506.3	-742.7	788.4	3.00	0.00	3.00
5,665.6	90.00	271.20	4,800.0	-506.1	-808.3	853.7	3.00	0.00	3.00
5,700.0	90.00	271.20	4,800.0	-505.4	-842.7	887.8	0.00	0.00	0.00
5,800.0	90.00	271.20	4,800.0	-503.3	-942.7	987.1	0.00	0.00	0.00
5,900.0	90.00	271.20	4,800.0	-501.2	-1,042.7	1,086.4	0.00	0.00	0.00
6,000.0	90.00	271.20	4,800.0	-499.1	-1,142.6	1,185.7	0.00	0.00	0.00
6,100.0	90.00	271.20	4,800.0	-497.0	-1,242.6	1,285.0	0.00	0.00	0.00
6,200.0	90.00	271.20	4,800.0	-494.9	-1,342.6	1,384.3	0.00	0.00	0.00
6,300.0	90.00	271.20	4,800.0	-492.8	-1,442.6	1,483.6	0.00	0.00	0.00
6,400.0	90.00	271.20	4,800.0	-490.7	-1,542.5	1,582.9	0.00	0.00	0.00
6,500.0	90.00	271.20	4,800.0	-488.6	-1,642.5	1,682.3	0.00	0.00	0.00
6,600.0	90.00	271.20	4,800.0	-486.5	-1,742.5	1,781.6	0.00	0.00	0.00
6,700.0	90.00	271.20	4,800.0	-484.4	-1,842.5	1,880.9	0.00	0.00	0.00
6,800.0	90.00	271.20	4,800.0	-482.4	-1,942.5	1,980.2	0.00	0.00	0.00
6,900.0	90.00	271.20	4,800.0	-480.3	-2,042.4	2,079.5	0.00	0.00	0.00
7,000.0	90.00	271.20	4,800.0	-478.2	-2,142.4	2,178.8	0.00	0.00	0.00
7,100.0	90.00	271.20	4,800.0	-476.1	-2,242.4	2,278.1	0.00	0.00	0.00
7,200.0	90.00	271.20	4,800.0	-474.0	-2,342.4	2,377.4	0.00	0.00	0.00
7,300.0	90.00	271.20	4,800.0	-471.9	-2,442.3	2,476.7	0.00	0.00	0.00
7,400.0	90.00	271.20	4,800.0	-469.8	-2,542.3	2,576.0	0.00	0.00	0.00

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Seine B 6 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3539.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3539.0ft (Original Well Elev)
Site:	Seine B 6 Fee #2H	North Reference:	Grid
Well:	Seine B 6 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Seine B 6 Fee #2H		
Design:	Plan #1 041706		

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)
7,500.0	90.00	271.20	4,800.0	-467.7	-2,642.3	2,675.3	0.00	0.00	0.00
7,600.0	90.00	271.20	4,800.0	-465.6	-2,742.3	2,774.6	0.00	0.00	0.00
7,700.0	90.00	271.20	4,800.0	-463.5	-2,842.3	2,873.9	0.00	0.00	0.00
7,800.0	90.00	271.20	4,800.0	-461.4	-2,942.2	2,973.2	0.00	0.00	0.00
7,900.0	90.00	271.20	4,800.0	-459.4	-3,042.2	3,072.5	0.00	0.00	0.00
8,000.0	90.00	271.20	4,800.0	-457.3	-3,142.2	3,171.8	0.00	0.00	0.00
8,100.0	90.00	271.20	4,800.0	-455.2	-3,242.2	3,271.1	0.00	0.00	0.00
8,200.0	90.00	271.20	4,800.0	-453.1	-3,342.1	3,370.4	0.00	0.00	0.00
8,300.0	90.00	271.20	4,800.0	-451.0	-3,442.1	3,469.7	0.00	0.00	0.00
8,400.0	90.00	271.20	4,800.0	-448.9	-3,542.1	3,569.0	0.00	0.00	0.00
8,500.0	90.00	271.20	4,800.0	-446.8	-3,642.1	3,668.3	0.00	0.00	0.00
8,600.0	90.00	271.20	4,800.0	-444.7	-3,742.1	3,767.6	0.00	0.00	0.00
8,700.0	90.00	271.20	4,800.0	-442.6	-3,842.0	3,866.9	0.00	0.00	0.00
8,800.0	90.00	271.20	4,800.0	-440.5	-3,942.0	3,966.2	0.00	0.00	0.00
8,900.0	90.00	271.20	4,800.0	-438.4	-4,042.0	4,065.5	0.00	0.00	0.00
9,000.0	90.00	271.20	4,800.0	-436.4	-4,142.0	4,164.8	0.00	0.00	0.00
9,100.0	90.00	271.20	4,800.0	-434.3	-4,242.0	4,264.1	0.00	0.00	0.00
9,200.0	90.00	271.20	4,800.0	-432.2	-4,341.9	4,363.4	0.00	0.00	0.00
9,265.9	90.00	271.20	4,800.0	-430.8	-4,407.8	4,428.8	0.00	0.00	0.00

PBHL Seine B 6 Fee #2H

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL Seine B 6 Fee #2H	0.00	0.00	4,800.0	-430.8	-4,407.8	712,063.80	439,428.00	32° 57' 26.568 N	104° 31' 50.914 W
- plan misses by 65.9ft at 9200.0ft MD (4800.0 TVD, -432.2 N, -4341.9 E)									
- Point									
Entry Point B2	0.00	0.00	4,800.0	-477.1	-434.6	712,017.50	443,401.20	32° 57' 26.181 N	104° 31' 4.281 W
- plan hits target									
- Point									

SITE DETAILS: Seine B 6 Fee #2H

Site Centre Northing: 712494.60
Easting: 443835.80

Positional Uncertainty: 0.0
Convergence: -0.10
Local North: Grid

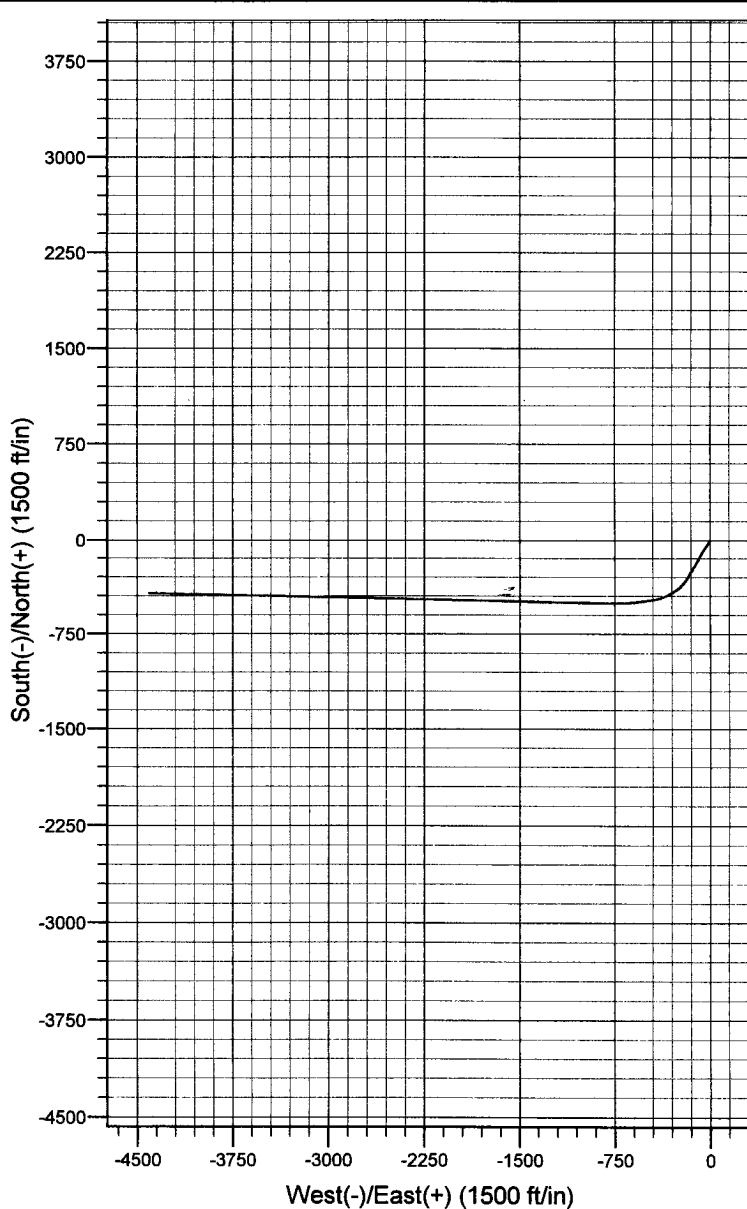
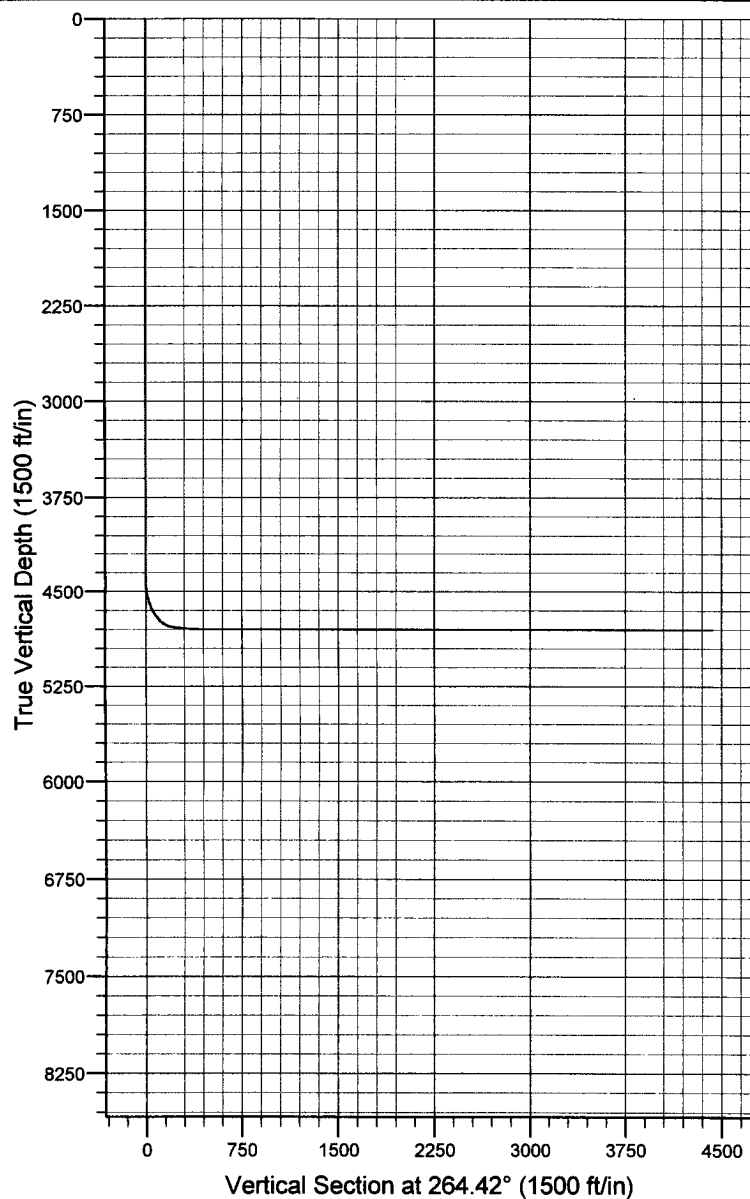
PROJECT DETAILS: Thames

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	
4400.0	0.00	0.00	4400.0	0.0	0.0	0.00	0.00	0.0	
4955.9	83.39	210.12	4779.4	-292.4	-169.6	15.00	210.12	197.2	
4955.9	83.39	210.12	4779.4	-292.4	-169.6	0.00	0.00	197.2	
5290.2	90.00	259.93	4800.0	-477.1	-434.6	15.00	84.45	478.9	Entry Point B2
5665.6	90.00	271.20	4800.0	-506.1	-808.3	3.00	90.00	853.7	
9265.9	90.00	271.20	4800.0	-430.8	-4407.8	0.00	0.00	4428.8	PBHL Seine B 6 Fee #2H





EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3600

April 17, 2006

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 Seine B 6 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,

A handwritten signature in black ink, appearing to read "Ron McIntyre", written in a cursive style.

Ron McIntyre
Drilling Engineer

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: SEINE B 6 FEE #002H

API: 30-015-34799

OCD Reviewer	Condition
Barrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
Barrant	Will require a directional survey with the C-104
Barrant	Please notify OCD time of spud and time to witness the cementing to surface of all casing strings.
Barrant	As noted, operator to drill surface hole with fresh water mud.
Barrant	Providing another well is drilled in the same proration unit to produce from the same formation, an approval from Santa Fe is required.