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

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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	Pool Code	Pool Name
30-015-35099	75260	COTTONWOOD CREEK; WC, WEST(GAS)

Property Code	Property Name	Well Number
	GILA "A" 2 FEE COM	1H

OGRID No.	Operator Name	Elevation
7377	EOG RESOURCES, INC.	3578'

Surface Location

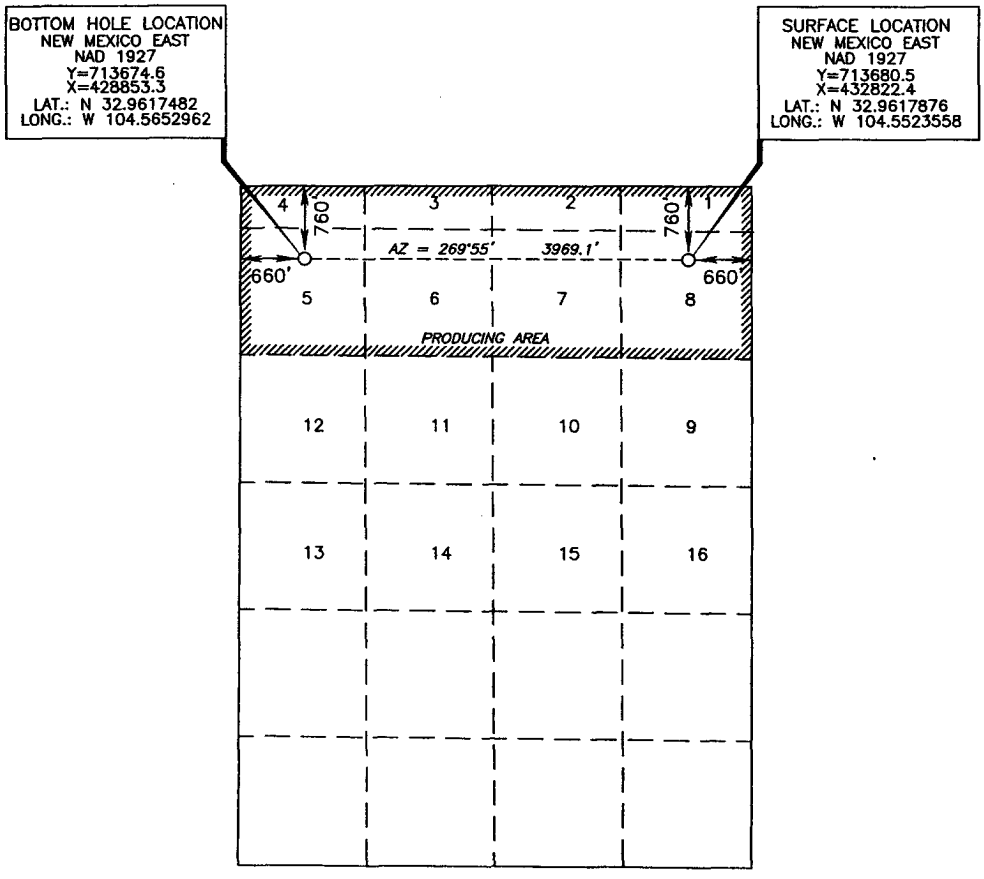
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
8	2	16 SOUTH	24 EAST, N.M.P.M.		760	NORTH	660	EAST	EDDY

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
5	2	16 SOUTH	24 EAST, N.M.P.M.		760	NORTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
217.72			

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.

Signature — Date: 8/15/06

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.

JULY 25, 2006
Date of Survey

Signature and Seal of Professional Surveyor:

NEW MEXICO — 15079 — REGISTERED PROFESSIONAL LAND SURVEYOR

7/31/06
Certificate Number 15079

WO# 060725WL-A (JL)

Permit Information:

Well Name: Gila A 2 Fee Com #1H Revised 8/17/06

Location:
SL 760' FNL & 660' FEL, Section 2, T-16-S, R-24-E, Eddy Co., N.M.
BHL 760' FNL & 660' FWL, Section 2, 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'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	8,414'	7-7/8"	5 ½"	17#	N-80	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	150	Lead: Premium Plus + 2% $CaCl_2$ + 3% Econolite + ¼ pps Flocele
	175	Tail: Premium Plus + 2% $CaCl_2$ + ¼ pps Flocele
8,414'	400	Lead: Interfill C + ¼ pps Flocele
	300	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' – 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' – 5,100'	Cut Brine	8.8-9.2	28-34	10-15
4,168' – 8,414'	Polymer (Lateral)	9.0-9.4	40-45	10-25

Database:	EDM	**Local Co-ordinate Reference:**	Site Gila A 2 Fee Com #1H
Company:	EOG - Midland (3)	**TVD Reference:**	WELL @ 3596.0ft (Original Well Elev)
Project:	Thames	**MD Reference:**	WELL @ 3596.0ft (Original Well Elev)
Site:	Gila A 2 Fee Com #1H	**North Reference:**	Grid
Well:	Gila A 2 Fee Com #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Gila A 2 Fee Com #1H		
Design:	Plan #1		

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

Site	Gila A 2 Fee Com #1H				
Site Position:		**Northing:**	713,680.50 ft	**Latitude:**	32° 57' 42.436 N
From:	Map	**Easting:**	432,822.40 ft	**Longitude:**	104° 33' 8.481 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	-0.12 °

Well	Gila A 2 Fee Com #1H					
Well Position	**+N/-S**	0.0 ft	**Northing:**	713,680.50 ft	**Latitude:**	32° 57' 42.436 N
	+E/-W	0.0 ft	**Easting:**	432,822.40 ft	**Longitude:**	104° 33' 8.481 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	3,578.0 ft

Wellbore	Gila A 2 Fee Com #1H				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2005	8/9/2006	8.64	60.79	49,390

Design	Plan #1				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.0	0.0	0.0	269.91	

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	
4,168.0	0.00	0.00	4,168.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,925.1	90.00	269.92	4,650.0	-0.7	-482.0	11.89	11.89	0.00	269.92	
6,443.1	90.00	269.92	4,650.0	-2.8	-2,000.0	0.00	0.00	0.00	0.00	
6,510.2	92.01	269.91	4,648.8	-2.9	-2,067.1	3.00	3.00	-0.02	-0.30	
8,413.0	92.01	269.91	4,582.0	-5.9	-3,968.7	0.00	0.00	0.00	0.00	
8,413.4	92.00	269.91	4,582.0	-5.9	-3,969.1	3.00	-3.00	0.15	177.16	BHL (Gila A 2 #1H)

Database:	EDM	**Local Co-ordinate Reference:**	Site Gila A 2 Fee Com #1H
Company:	EOG - Midland (3)	**TVD Reference:**	WELL @ 3596.0ft (Original Well Elev)
Project:	Thames	**MD Reference:**	WELL @ 3596.0ft (Original Well Elev)
Site:	Gila A 2 Fee Com #1H	**North Reference:**	Grid
Well:	Gila A 2 Fee Com #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Gila A 2 Fee Com #1H		
Design:	Plan #1		

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
4,168.0	0.00	0.00	4,168.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	3.80	269.92	4,200.0	0.0	-1.1	1.1	11.89	11.89	0.00
4,300.0	15.69	269.92	4,298.4	0.0	-18.0	18.0	11.89	11.89	0.00
4,400.0	27.58	269.92	4,391.1	-0.1	-54.8	54.8	11.89	11.89	0.00
4,500.0	39.47	269.92	4,474.4	-0.2	-109.9	109.9	11.89	11.89	0.00
4,600.0	51.35	269.92	4,544.4	-0.3	-181.0	181.0	11.89	11.89	0.00
4,700.0	63.24	269.92	4,598.4	-0.4	-265.0	265.0	11.89	11.89	0.00
4,800.0	75.13	269.92	4,633.9	-0.5	-358.3	358.3	11.89	11.89	0.00
4,900.0	87.01	269.92	4,649.3	-0.6	-456.9	456.9	11.89	11.89	0.00
4,925.1	90.00	269.92	4,650.0	-0.7	-482.0	482.0	11.89	11.89	0.00
5,000.0	90.00	269.92	4,650.0	-0.8	-556.9	556.9	0.00	0.00	0.00
5,100.0	90.00	269.92	4,650.0	-0.9	-656.9	656.9	0.00	0.00	0.00

Database:	EDM	**Local Co-ordinate Reference:**	Site Gila A 2 Fee Com #1H
Company:	EOG - Midland (3)	**TVD Reference:**	WELL @ 3596.0ft (Original Well Elev)
Project:	Thames	**MD Reference:**	WELL @ 3596.0ft (Original Well Elev)
Site:	Gila A 2 Fee Com #1H	**North Reference:**	Grid
Well:	Gila A 2 Fee Com #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Gila A 2 Fee Com #1H		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	90.00	269.92	4,650.0	-1.1	-756.9	756.9	0.00	0.00	0.00
5,300.0	90.00	269.92	4,650.0	-1.2	-856.9	856.9	0.00	0.00	0.00
5,400.0	90.00	269.92	4,650.0	-1.3	-956.9	956.9	0.00	0.00	0.00
5,500.0	90.00	269.92	4,650.0	-1.5	-1,056.9	1,056.9	0.00	0.00	0.00
5,600.0	90.00	269.92	4,650.0	-1.6	-1,156.9	1,156.9	0.00	0.00	0.00
5,700.0	90.00	269.92	4,650.0	-1.8	-1,256.9	1,256.9	0.00	0.00	0.00
5,800.0	90.00	269.92	4,650.0	-1.9	-1,356.9	1,356.9	0.00	0.00	0.00
5,900.0	90.00	269.92	4,650.0	-2.0	-1,456.9	1,456.9	0.00	0.00	0.00
6,000.0	90.00	269.92	4,650.0	-2.2	-1,556.9	1,556.9	0.00	0.00	0.00
6,100.0	90.00	269.92	4,650.0	-2.3	-1,656.9	1,656.9	0.00	0.00	0.00
6,200.0	90.00	269.92	4,650.0	-2.5	-1,756.9	1,756.9	0.00	0.00	0.00
6,300.0	90.00	269.92	4,650.0	-2.6	-1,856.9	1,856.9	0.00	0.00	0.00
6,400.0	90.00	269.92	4,650.0	-2.7	-1,956.9	1,956.9	0.00	0.00	0.00
6,443.1	90.00	269.92	4,650.0	-2.8	-2,000.0	2,000.0	0.00	0.00	0.00
6,500.0	91.71	269.91	4,649.2	-2.9	-2,056.9	2,056.9	3.00	3.00	-0.02
6,510.2	92.01	269.91	4,648.8	-2.9	-2,067.1	2,067.1	3.00	3.00	-0.02
6,600.0	92.01	269.91	4,645.7	-3.0	-2,156.8	2,156.8	0.00	0.00	0.00
6,700.0	92.01	269.91	4,642.2	-3.2	-2,256.7	2,256.7	0.00	0.00	0.00
6,800.0	92.01	269.91	4,638.6	-3.4	-2,356.7	2,356.7	0.00	0.00	0.00
6,900.0	92.01	269.91	4,635.1	-3.5	-2,456.6	2,456.6	0.00	0.00	0.00
7,000.0	92.01	269.91	4,631.6	-3.7	-2,556.6	2,556.6	0.00	0.00	0.00
7,100.0	92.01	269.91	4,628.1	-3.8	-2,656.5	2,656.5	0.00	0.00	0.00
7,200.0	92.01	269.91	4,624.6	-4.0	-2,756.4	2,756.4	0.00	0.00	0.00
7,300.0	92.01	269.91	4,621.1	-4.1	-2,856.4	2,856.4	0.00	0.00	0.00
7,400.0	92.01	269.91	4,617.6	-4.3	-2,956.3	2,956.3	0.00	0.00	0.00
7,500.0	92.01	269.91	4,614.1	-4.5	-3,056.2	3,056.3	0.00	0.00	0.00
7,600.0	92.01	269.91	4,610.6	-4.6	-3,156.2	3,156.2	0.00	0.00	0.00
7,700.0	92.01	269.91	4,607.0	-4.8	-3,256.1	3,256.1	0.00	0.00	0.00
7,800.0	92.01	269.91	4,603.5	-4.9	-3,356.1	3,356.1	0.00	0.00	0.00
7,900.0	92.01	269.91	4,600.0	-5.1	-3,456.0	3,456.0	0.00	0.00	0.00
8,000.0	92.01	269.91	4,596.5	-5.2	-3,555.9	3,555.9	0.00	0.00	0.00
8,100.0	92.01	269.91	4,593.0	-5.4	-3,655.9	3,655.9	0.00	0.00	0.00
8,200.0	92.01	269.91	4,589.5	-5.6	-3,755.8	3,755.8	0.00	0.00	0.00
8,300.0	92.01	269.91	4,586.0	-5.7	-3,855.8	3,855.8	0.00	0.00	0.00
8,400.0	92.01	269.91	4,582.5	-5.9	-3,955.7	3,955.7	0.00	0.00	0.00
8,413.0	92.01	269.91	4,582.0	-5.9	-3,968.7	3,968.7	0.00	0.00	0.00
8,413.4	92.00	269.91	4,582.0	-5.9	-3,969.1	3,969.1	3.00	-3.00	0.15

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
BHL (Gila A 2 #1H) - plan hits target - Point	0.00	0.00	4,582.0	-5.9	-3,969.1	713,674.60	428,853.30	32° 57' 42.293 N	104° 33' 55.067 W
BHL (Gila C Fed Com - plan misses by 5547.2ft at 8185.6ft MD (4590.0 TVD, -5.5 N, -3741.4 E) - Point	0.00	0.00	4,590.0	-5,547.4	-3,984.6	708,133.10	428,837.80	32° 56' 47.459 N	104° 33' 55.105 W

SITE DETAILS: Gila A 2 Fee Com #1H

Site Centre Northing: 713680.50
Easting: 432822.40

Positional Uncertainity: 0.0
Convergence: -0.12
Local North: Grid

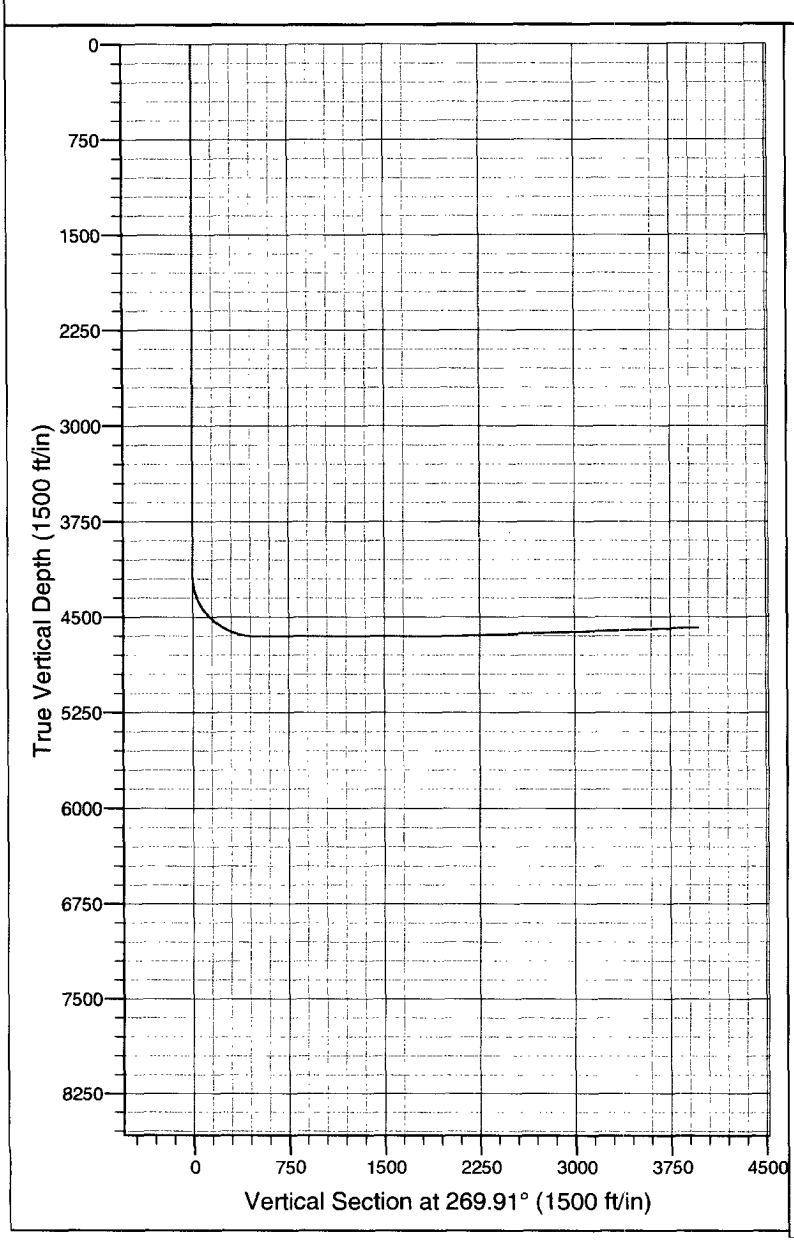
PROJECT DETAILS: Thames

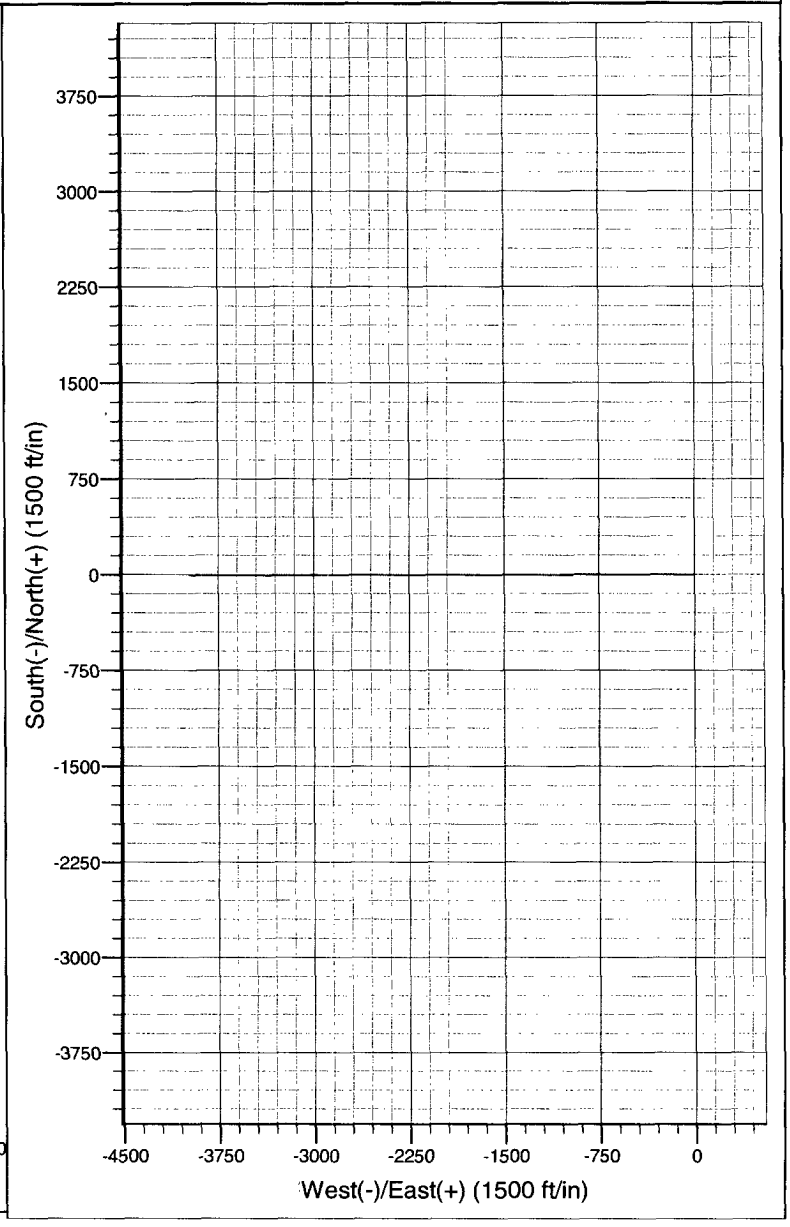
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001

System Datum: Ground Level

SECTION DETAILS

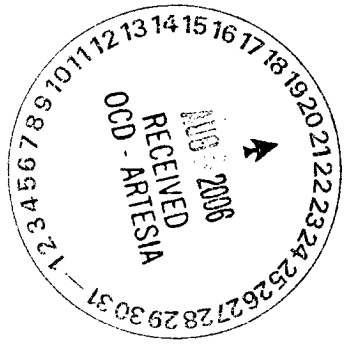
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
4168.0	0.00	0.00	4168.0	0.0	0.0	0.00	0.00	0.0	
4925.1	90.00	269.92	4650.0	-0.7	-482.0	11.89	269.92	482.0	
6443.1	90.00	269.92	4650.0	-2.8	-2000.0	0.00	0.00	2000.0	
6510.2	92.01	269.91	4648.8	-2.9	-2067.1	3.00	-0.30	2067.1	
8413.0	92.01	269.91	4582.0	-5.9	-3968.7	0.00	0.00	3968.7	
8413.4	92.00	269.91	4582.0	-5.9	-3969.1	3.00	177.16	3969.1	BHL (Gila A 2 #1H)





eog resources

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



August 17, 2006

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

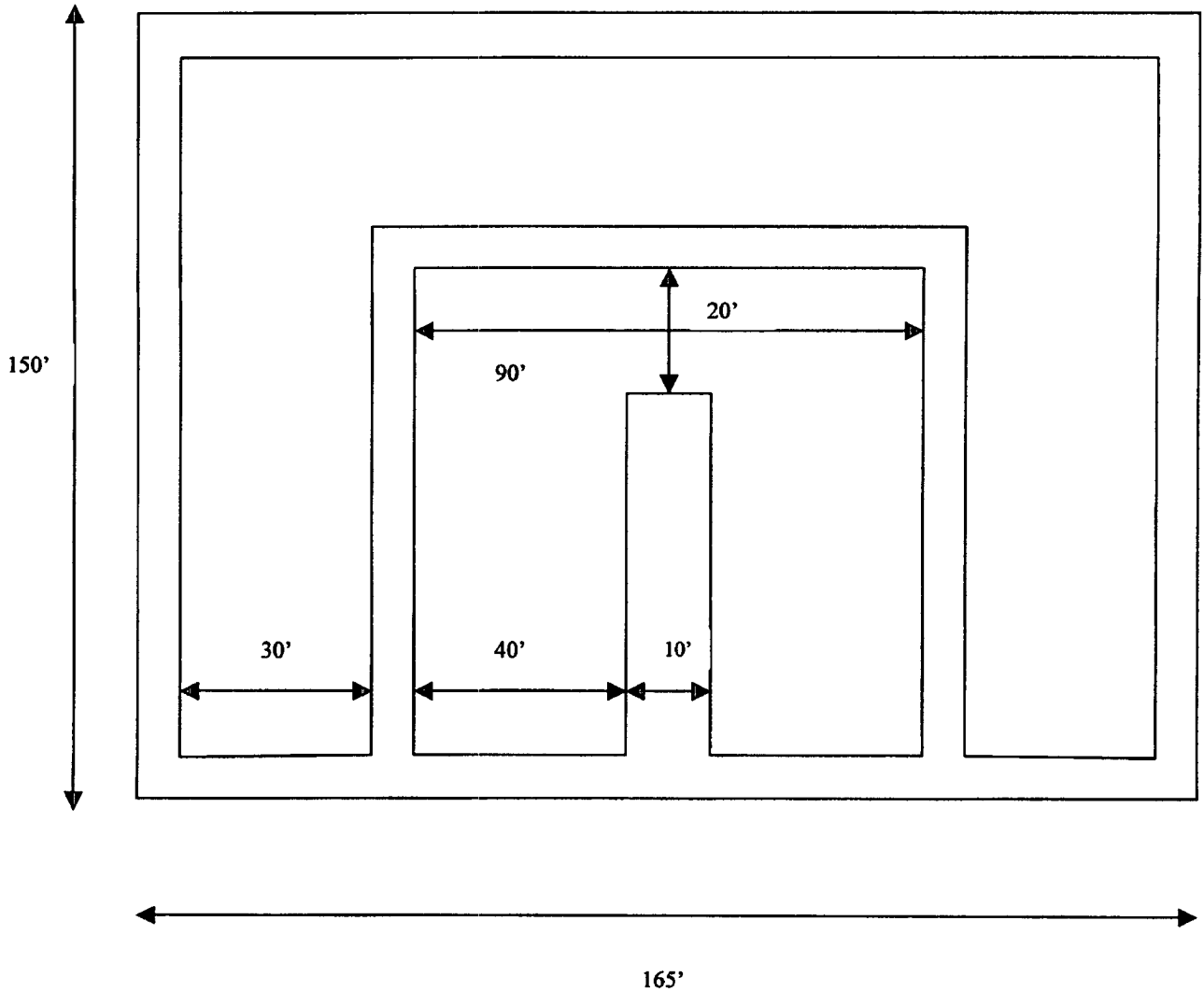
To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H_2S Contingency Plan for the Gila A 2 Fee Com #1H. The current plan is to complete this well in the Wolfcamp, which is sweet, and I do not anticipate encountering any H_2S bearing formations during drilling operations.

Sincerely,

Jason LaGrega
Drilling Engineer

New Mexico Double Horseshoe Reserve Pit Design



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