



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

(432) 686-3642 Office
(432) 770-0602 Cell
Donny_Glanton@eogresources.com



April 25, 2007

OCD-Artesia
Att: Mr. Bryan Arrent
1301 W. Grand Avenue
Artesia, NM 88210

Re: **GILA C 2 FEE COM 1H** 30-015-35567

Dear Mr. Arrent:

As per the submittal comments of the C-101 (Electronic Permitting Application) for the above captioned well, please find the following additional information submitted for your review and processing.

- Well Plat
- Detailed Casing
- Mud
- Cement
- Drilling Plan
- H₂S Letter

Should you have any additional questions, please feel to give me a call.

Thanks and best regards.

Very truly yours,

Donny G. Glanton
Sr. ROW Lease Operations Representative

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

Revised October 12, 2005
Submit to Appropriate District Office
State Lease
Fee Lease- 3 Copies

Month - Year
APR 26 2007
OCD - ARTESIA, NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35567	Pool Code 75260	Pool Name COTTONWOOD CREEK: WC, WEST (GAS)
Property Code 36469	Property Name GILA "C" 2 FEE COM	Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3558'

Surface Location

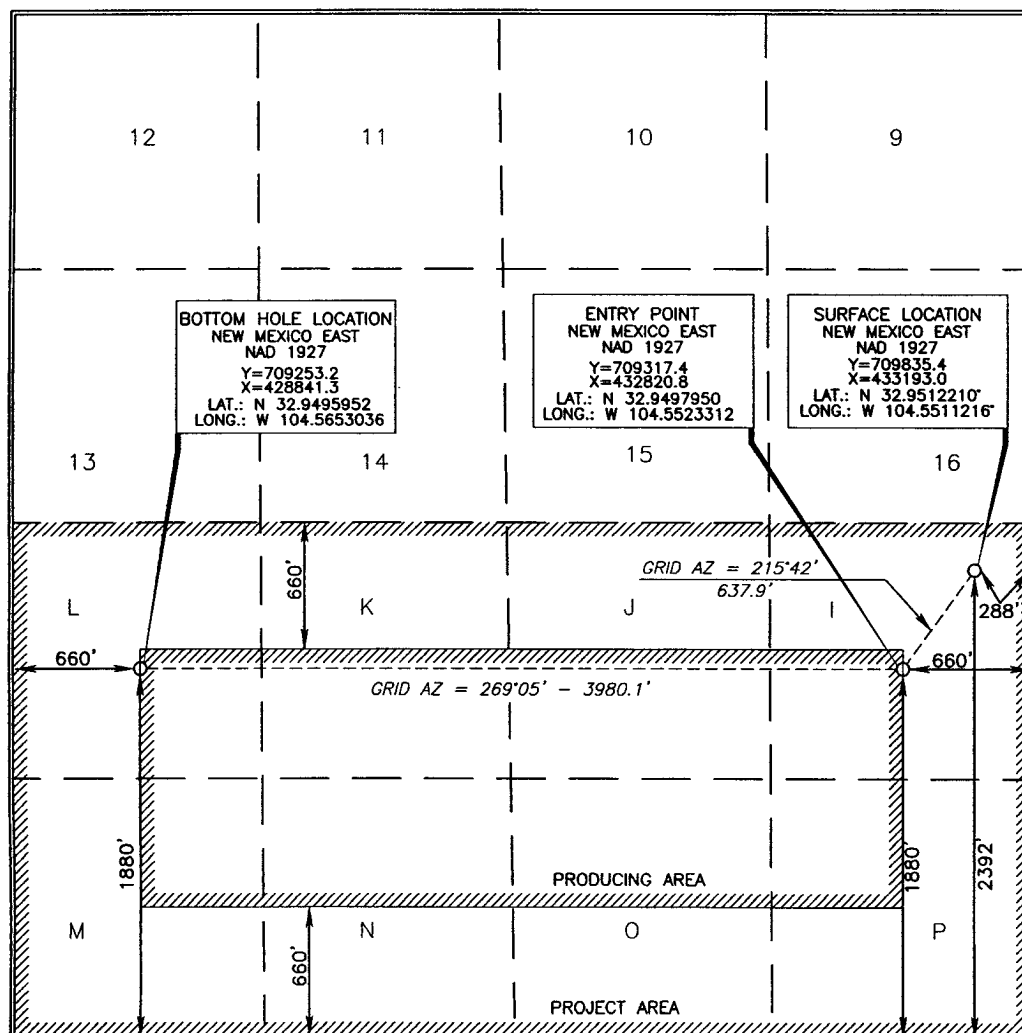
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	2	16 SOUTH	24 EAST, N.M.P.M.		2392'	SOUTH	288'	EAST	EDDY

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
L	2	16 SOUTH	24 EAST, N.M.P.M.		1880'	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 4/25/07
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.

Donny G. Glanton 4/23/07
Date of Survey
15079
APR 19, 2007

Donny G. Glanton 4/23/07
Signature and Seal of Professional Surveyor
Certificate Number 15079

WO# 070419WL (JL)

Permit Information:

Well Name: Gila C 2 Fee Com #1H

Location:

SL 2392' FSL & 288' FEL, Section 2, T-16-S, R-24-E, Eddy Co., N.M.

BHL 1880' FSL & 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	8,785'	7-7/8"	5 1/2"	17#	N-80	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
8,785'	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 – 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
3,800' – 8,785'	Polymer (Lateral)	9.0-9.4	40-45	10-25



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



April 24, 2007

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 Gila C 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 H₂S bearing formations during drilling operations.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason LaGrega".

Jason LaGrega
Drilling Engineer

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Gila C 2 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3577.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3577.00ft (Original Well Elev)
Site:	Gila C 2 Fee Com #1H	North Reference:	Grid
Well:	Gila C 2 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Gila C 2 Fee Com #1H		
Design:	Original Plan		

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 C 2 Fee Com #1H				
Site Position:		Northing:	709,835.40ft	Latitude:	32° 57' 4.396 N
From:	Map	Easting:	433,193.00ft	Longitude:	104° 33' 4.038 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-0.12 °

Well:	Gila C 2 Fee Com #1H					
Well Position	+N/-S	0.00 ft	Northing:	709,835.40 ft	Latitude:	32° 57' 4.396 N
	+E/-W	0.00 ft	Easting:	433,193.00 ft	Longitude:	104° 33' 4.038 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,558.00 ft

Wellbore:	Gila C 2 Fee Com #1H				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2005	4/24/2007	(°)	(°)	(nT)
			8.56	60.77	49,311

Design:	Original Plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	4,456.00	0.00	0.00	262.38

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,831.91	84.00	225.00	4,500.00	-445.68	-445.68	8.14	8.14	0.00	225.00	
5,285.05	90.00	270.00	4,525.00	-613.87	-853.04	10.00	1.32	9.93	84.03	
6,785.05	90.00	270.65	4,525.00	-605.36	-2,353.01	0.04	0.00	0.04	90.00	
6,852.08	92.01	270.66	4,523.82	-604.59	-2,420.02	3.00	3.00	0.02	0.40	
8,784.70	92.01	270.66	4,456.01	-582.20	-4,351.32	0.00	0.00	0.00	0.00	
8,785.08	92.00	270.66	4,456.00	-582.20	-4,351.70	3.00	-2.80	-1.08	-158.96	BHL (Gila C #1H)

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Gila C 2 Fee Com #1H
Well: Gila C 2 Fee Com #1H
Wellbore: Gila C 2 Fee Com #1H
Design: Original Plan

Local Co-ordinate Reference: Well Gila C 2 Fee Com #1H
TVD Reference: WELL @ 3577.00ft (Original Well Elev)
MD Reference: WELL @ 3577.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: 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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	8.14	225.00	3,899.66	-5.01	-5.01	5.64	8.14	8.14	0.00
4,000.00	16.28	225.00	3,997.32	-19.96	-19.96	22.43	8.14	8.14	0.00
4,100.00	24.42	225.00	4,091.00	-44.53	-44.53	50.04	8.14	8.14	0.00
4,200.00	32.56	225.00	4,178.81	-78.23	-78.23	87.91	8.14	8.14	0.00
4,300.00	40.70	225.00	4,259.00	-120.38	-120.38	135.29	8.14	8.14	0.00
4,400.00	48.84	225.00	4,329.93	-170.14	-170.14	191.20	8.14	8.14	0.00
4,500.00	56.98	225.00	4,390.18	-226.50	-226.50	254.54	8.14	8.14	0.00
4,600.00	65.12	225.00	4,438.54	-288.33	-288.33	324.01	8.14	8.14	0.00
4,700.00	73.26	225.00	4,474.04	-354.37	-354.37	398.23	8.14	8.14	0.00
4,800.00	81.40	225.00	4,495.95	-423.30	-423.30	475.69	8.14	8.14	0.00
4,831.91	84.00	225.00	4,500.00	-445.68	-445.68	500.84	8.14	8.14	0.00
PP (Gila C #1H)									
4,900.00	84.75	231.80	4,506.68	-490.64	-496.32	557.00	10.00	1.10	9.99
5,000.00	85.98	241.76	4,514.79	-545.17	-579.60	646.78	10.00	1.23	9.96

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Gila C 2 Fee Com #1H
Well: Gila C 2 Fee Com #1H
Wellbore: Gila C 2 Fee Com #1H
Design: Original Plan

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

Well Gila C 2 Fee Com #1H
 WELL @ 3577.00ft (Original Well Elev)
 WELL @ 3577.00ft (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)
5,100.00	87.33	251.68	4,520.64	-584.57	-671.19	742.78	10.00	1.35	9.93
5,200.00	88.75	261.59	4,524.07	-607.64	-768.30	842.09	10.00	1.43	9.90
5,285.05	90.00	270.00	4,525.00	-613.87	-853.04	926.91	10.00	1.46	9.89
5,300.00	90.00	270.01	4,525.00	-613.87	-867.99	941.73	0.04	0.00	0.04
5,400.00	90.00	270.05	4,525.00	-613.82	-967.99	1,040.84	0.04	0.00	0.04
5,500.00	90.00	270.09	4,525.00	-613.69	-1,067.99	1,139.94	0.04	0.00	0.04
5,600.00	90.00	270.14	4,525.00	-613.49	-1,167.99	1,239.03	0.04	0.00	0.04
5,700.00	90.00	270.18	4,525.00	-613.22	-1,267.99	1,338.11	0.04	0.00	0.04
5,800.00	90.00	270.22	4,525.00	-612.87	-1,367.99	1,437.18	0.04	0.00	0.04
5,900.00	90.00	270.27	4,525.00	-612.44	-1,467.99	1,536.24	0.04	0.00	0.04
6,000.00	90.00	270.31	4,525.00	-611.94	-1,567.99	1,635.28	0.04	0.00	0.04
6,100.00	90.00	270.35	4,525.00	-611.36	-1,667.98	1,734.32	0.04	0.00	0.04
6,200.00	90.00	270.40	4,525.00	-610.70	-1,767.98	1,833.35	0.04	0.00	0.04
6,300.00	90.00	270.44	4,525.00	-609.97	-1,867.98	1,932.37	0.04	0.00	0.04
6,400.00	90.00	270.48	4,525.00	-609.17	-1,967.98	2,031.38	0.04	0.00	0.04
6,500.00	90.00	270.53	4,525.00	-608.29	-2,067.97	2,130.37	0.04	0.00	0.04
6,600.00	90.00	270.57	4,525.00	-607.33	-2,167.97	2,229.36	0.04	0.00	0.04
6,700.00	90.00	270.61	4,525.00	-606.30	-2,267.96	2,328.33	0.04	0.00	0.04
6,785.05	90.00	270.65	4,525.00	-605.36	-2,353.01	2,412.50	0.04	0.00	0.04
6,800.00	90.45	270.65	4,524.94	-605.19	-2,367.96	2,427.30	3.00	3.00	0.02
6,852.08	92.01	270.66	4,523.82	-604.59	-2,420.02	2,478.82	3.00	3.00	0.02
6,900.00	92.01	270.66	4,522.14	-604.04	-2,467.91	2,526.21	0.00	0.00	0.00
7,000.00	92.01	270.66	4,518.63	-602.88	-2,567.84	2,625.11	0.00	0.00	0.00
7,100.00	92.01	270.66	4,515.13	-601.72	-2,667.77	2,724.00	0.00	0.00	0.00
7,200.00	92.01	270.66	4,511.62	-600.56	-2,767.70	2,822.90	0.00	0.00	0.00
7,300.00	92.01	270.66	4,508.11	-599.40	-2,867.63	2,921.79	0.00	0.00	0.00
7,400.00	92.01	270.66	4,504.60	-598.24	-2,967.56	3,020.69	0.00	0.00	0.00
7,500.00	92.01	270.66	4,501.09	-597.09	-3,067.50	3,119.58	0.00	0.00	0.00
7,600.00	92.01	270.66	4,497.58	-595.93	-3,167.43	3,218.48	0.00	0.00	0.00
7,700.00	92.01	270.66	4,494.07	-594.77	-3,267.36	3,317.37	0.00	0.00	0.00
7,800.00	92.01	270.66	4,490.56	-593.61	-3,367.29	3,416.27	0.00	0.00	0.00
7,900.00	92.01	270.66	4,487.06	-592.45	-3,467.22	3,515.17	0.00	0.00	0.00
8,000.00	92.01	270.66	4,483.55	-591.29	-3,567.15	3,614.06	0.00	0.00	0.00
8,100.00	92.01	270.66	4,480.04	-590.14	-3,667.09	3,712.96	0.00	0.00	0.00
8,200.00	92.01	270.66	4,476.53	-588.98	-3,767.02	3,811.85	0.00	0.00	0.00
8,300.00	92.01	270.66	4,473.02	-587.82	-3,866.95	3,910.75	0.00	0.00	0.00
8,400.00	92.01	270.66	4,469.51	-586.66	-3,966.88	4,009.64	0.00	0.00	0.00
8,500.00	92.01	270.66	4,466.00	-585.50	-4,066.81	4,108.54	0.00	0.00	0.00
8,600.00	92.01	270.66	4,462.49	-584.34	-4,166.74	4,207.44	0.00	0.00	0.00
8,700.00	92.01	270.66	4,458.99	-583.19	-4,266.68	4,306.33	0.00	0.00	0.00
8,784.70	92.01	270.66	4,456.01	-582.20	-4,351.32	4,390.09	0.00	0.00	0.00
8,785.08	92.00	270.66	4,456.00	-582.20	-4,351.70	4,390.47	3.00	-2.80	-1.08

BHL (Gila C #1H)

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Gila C 2 Fee Com #1H
Well: Gila C 2 Fee Com #1H
Wellbore: Gila C 2 Fee Com #1H
Design: Original Plan

Local Co-ordinate Reference: Well Gila C 2 Fee Com #1H
TVD Reference: WELL @ 3577.00ft (Original Well Elev)
MD Reference: WELL @ 3577.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
BHL (Gila C #1H)	0.00	0.00	4,456.00	-582.20	-4,351.70	709,253.20	428,841.30	32° 56' 58.543 N	104° 33' 55.093 W
- plan hits target									
- Point									
PP (Gila C #1H)	0.00	0.00	4,525.00	-518.00	-372.20	709,317.40	432,820.80	32° 56' 59.262 N	104° 33' 8.393 W
- plan misses by 106.09ft at 4831.91ft MD (4500.00 TVD, -445.68 N, -445.68 E)									
- Point									

WELL DETAILS: Gila C 2 Fee Com #1H

+N/-S	+E/-W	Northing	Ground Level: 3558.00 Easting	Latitude	Longitude	Slot
0.00	0.00	709835.40	433193.00	32° 57' 4.396 N	104° 33' 4.038 W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFac	Target	Sec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	
3	4831.91	84.00	225.00	4500.00	-445.68	-445.68	8.14	225.00	500.84	
4	5285.05	90.00	270.00	4525.00	-613.87	-853.04	10.00	84.03	926.91	
5	6785.05	90.00	270.65	4525.00	-605.36	-2353.01	0.04	90.00	2412.50	
6	6852.08	92.01	270.66	4523.82	-604.59	-2420.02	3.00	0.40	2478.82	
7	8784.70	92.01	270.66	4456.01	-582.20	-4351.32	0.00	0.00	4390.09	
8	8785.08	92.00	270.66	4456.00	-582.20	-4351.70	3.00	0.00	4390.47	

