

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-402
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 30 Copies

☐ AMENDED-ARTESIA

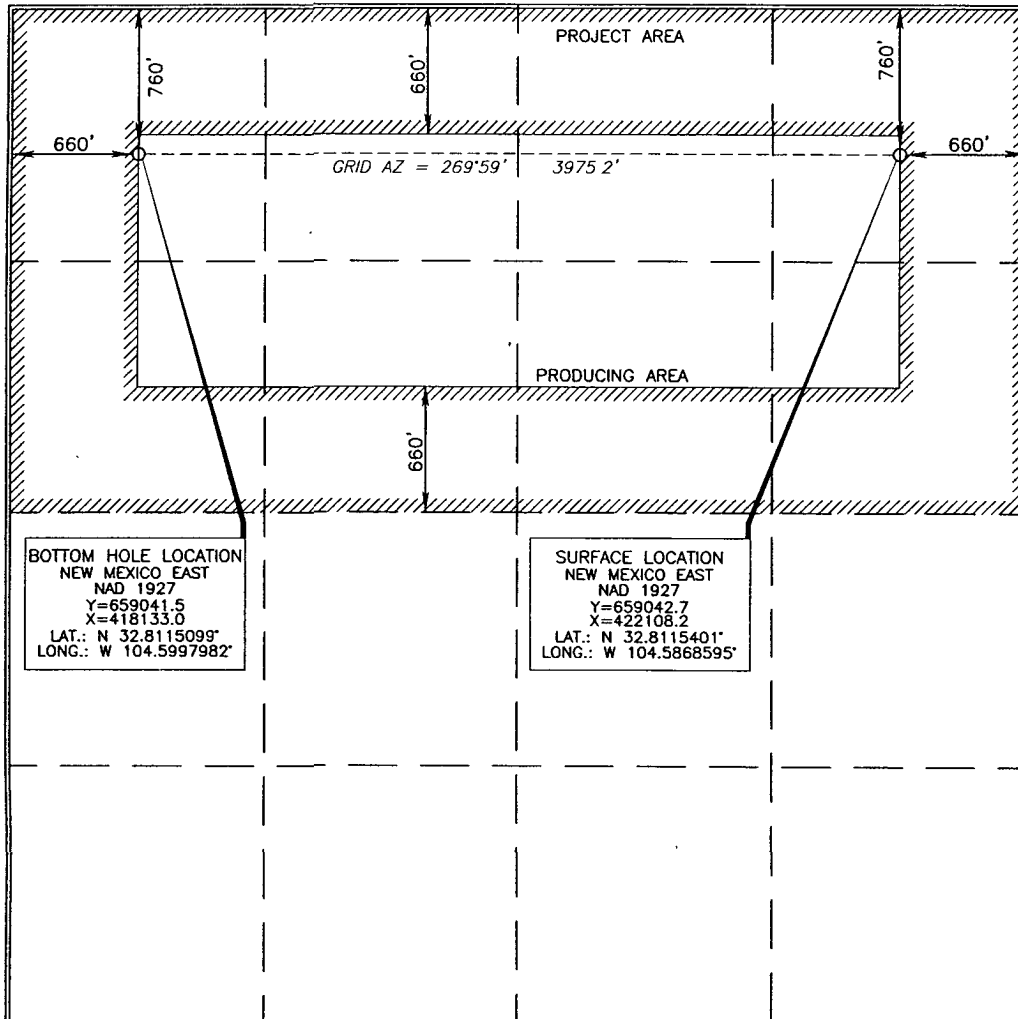
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35680	Pool Code 75010	Pool Name COLLINS RANCH; WOLF CAMP (GAS)
Property Code 36534	Property Name TRINITY "A" 28 STATE	Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3791'

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	17 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
D	28	17 SOUTH	24 EAST, N.M.P.M.		760'	NORTH	660'	WEST	EDDY
Dedicated Acres 320		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 6/14/07
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.

MADE 29, 2007
Date of Survey
Signature and Seal of Professional Land Surveyor
Terry J. Paul 6/14/07
Certificate Number 15079

WO# 070529WL-a (JL)

Permit Information:

Well Name: Trinity A 28 State #1H

Location:

SL 760' FNL & 660' FEL, Section 28, T-17-S, R-24-E, Eddy Co., N.M.

BHL 760' FNL & 660' FWL, Section 28, T-17-S, R-24-E, Eddy Co., N.M.

Casing Program:*1200'*

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	8,685'	7-7/8"	5 1/2"	17#	N-80	Surface

Cement Program:*1200'*

Depth	No. Sacks	Slurries:
900'	200	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,685'	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:*1200'*

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' - 5,200'	Cut Brine	8.8-9.2	28-34	10-15
4,433' - 8,685'	Polymer (Lateral)	9.0-9.4	40-45	10-25



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

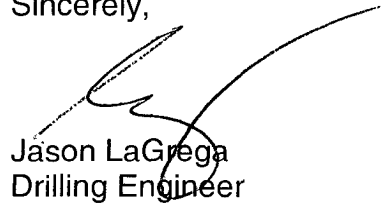
June 8, 2007

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 Trinity A 28 State #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", written over the printed name and title.

Jason LaGrega
Drilling Engineer

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Trinity A 28 State #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3810 00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3810 00ft (Original Well Elev)
Site:	Trinity A 28 State #1H	North Reference:	Grid
Well:	Trinity A 28 State #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Trinity A 28 State #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:	Trinity A 28 State #1H		
Site Position:		Northing:	659,042.70 ft
From:	Map	Easting:	422,108.20 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 48' 41.544 N
		Longitude:	104° 35' 12.694 W
		Grid Convergence:	-0.14 °

Well	Trinity A 28 State #1H					
Well Position	+N-S	0.00 ft	Northing:	659,042.70 ft	Latitude:	32° 48' 41.544 N
	+E-W	0.00 ft	Easting:	422,108.20 ft	Longitude:	104° 35' 12.694 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,791.00 ft

Wellbore						Trinity A 28 State #1H					
Magnetics		Model Name		Sample Date		Declination (°)		Dip Angle (°)		Field Strength (nT)	
		IGRF2005		6/8/2007		8.55		60.63		49,208	

Design	Original Plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0 00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	4,829.00	0 00	0 00	269 98

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N-S	+E-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(°)	
(ft)			(ft)			(°/100ft)	(°/100ft)	(°/100ft)		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,433.00	0.00	0.00	4,433.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,190.12	90.00	269.98	4,915.00	-0.17	-482.00	11.89	11.89	0.00	269.98	
6,190.12	90.00	269.98	4,915.00	-0.52	-1,482.00	0.00	0.00	0.00	0.00	
6,256.87	92.00	269.98	4,913.83	-0.54	-1,548.73	3.00	3.00	0.01	0.12	
8,684.65	92.00	269.98	4,829.01	-1.20	-3,975.03	0.00	0.00	0.00	0.00	
8,684.82	92.00	269.98	4,829.00	-1.20	-3,975.20	3.00	-1.42	-2.64	0.00	BHL (Trinity A #1H)

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Trinity A 28 State #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3810.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3810.00ft (Original Well Elev)
Site:	Trinity A 28 State #1H	North Reference:	Grid
Well:	Trinity A 28 State #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Trinity A 28 State #1H		
Design:	Original Plan		

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	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,433.00	0.00	0.00	4,433.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	7.96	269.98	4,499.78	0.00	-4.65	4.65	11.89	11.89	0.00
4,600.00	19.85	269.98	4,596.68	-0.01	-28.64	28.64	11.89	11.89	0.00
4,700.00	31.74	269.98	4,686.55	-0.03	-72.08	72.08	11.89	11.89	0.00
4,800.00	43.63	269.98	4,765.55	-0.05	-133.10	133.10	11.89	11.89	0.00
4,900.00	55.51	269.98	4,830.29	-0.07	-209.08	209.08	11.89	11.89	0.00
5,000.00	67.40	269.98	4,877.99	-0.10	-296.77	296.77	11.89	11.89	0.00
5,100.00	79.29	269.98	4,906.60	-0.14	-392.40	392.40	11.89	11.89	0.00
5,190.12	90.00	269.98	4,915.00	-0.17	-482.00	482.00	11.89	11.89	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Trinity A 28 State #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3810.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3810.00ft (Original Well Elev)
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Well:	Trinity A 28 State #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Trinity A 28 State #1H		
Design:	Original Plan		

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)	
5,200.00	90.00	269.98	4,915.00	-0.17	-491.88	491.88	0.00	0.00	0.00	
5,300.00	90.00	269.98	4,915.00	-0.21	-591.88	591.88	0.00	0.00	0.00	
5,400.00	90.00	269.98	4,915.00	-0.24	-691.88	691.88	0.00	0.00	0.00	
5,500.00	90.00	269.98	4,915.00	-0.28	-791.88	791.88	0.00	0.00	0.00	
5,600.00	90.00	269.98	4,915.00	-0.31	-891.88	891.88	0.00	0.00	0.00	
5,700.00	90.00	269.98	4,915.00	-0.35	-991.88	991.88	0.00	0.00	0.00	
5,800.00	90.00	269.98	4,915.00	-0.38	-1,091.88	1,091.88	0.00	0.00	0.00	
5,900.00	90.00	269.98	4,915.00	-0.42	-1,191.88	1,191.88	0.00	0.00	0.00	
6,000.00	90.00	269.98	4,915.00	-0.45	-1,291.88	1,291.88	0.00	0.00	0.00	
6,100.00	90.00	269.98	4,915.00	-0.49	-1,391.88	1,391.88	0.00	0.00	0.00	
6,190.12	90.00	269.98	4,915.00	-0.52	-1,482.00	1,482.00	0.00	0.00	0.00	
6,200.00	90.30	269.98	4,914.97	-0.52	-1,491.88	1,491.88	3.00	3.00	0.01	
6,256.87	92.00	269.98	4,913.83	-0.54	-1,548.73	1,548.73	3.00	3.00	0.01	
6,300.00	92.00	269.98	4,912.33	-0.55	-1,591.84	1,591.84	0.00	0.00	0.00	
6,400.00	92.00	269.98	4,908.83	-0.58	-1,691.78	1,691.78	0.00	0.00	0.00	
6,500.00	92.00	269.98	4,905.34	-0.60	-1,791.71	1,791.71	0.00	0.00	0.00	
6,600.00	92.00	269.98	4,901.84	-0.63	-1,891.65	1,891.65	0.00	0.00	0.00	
6,700.00	92.00	269.98	4,898.35	-0.66	-1,991.59	1,991.59	0.00	0.00	0.00	
6,800.00	92.00	269.98	4,894.86	-0.69	-2,091.53	2,091.53	0.00	0.00	0.00	
6,900.00	92.00	269.98	4,891.36	-0.71	-2,191.47	2,191.47	0.00	0.00	0.00	
7,000.00	92.00	269.98	4,887.87	-0.74	-2,291.41	2,291.41	0.00	0.00	0.00	
7,100.00	92.00	269.98	4,884.37	-0.77	-2,391.35	2,391.35	0.00	0.00	0.00	
7,200.00	92.00	269.98	4,880.88	-0.80	-2,491.29	2,491.29	0.00	0.00	0.00	
7,300.00	92.00	269.98	4,877.39	-0.82	-2,591.23	2,591.23	0.00	0.00	0.00	
7,400.00	92.00	269.98	4,873.89	-0.85	-2,691.16	2,691.16	0.00	0.00	0.00	
7,500.00	92.00	269.98	4,870.40	-0.88	-2,791.10	2,791.10	0.00	0.00	0.00	
7,600.00	92.00	269.98	4,866.90	-0.90	-2,891.04	2,891.04	0.00	0.00	0.00	
7,700.00	92.00	269.98	4,863.41	-0.93	-2,990.98	2,990.98	0.00	0.00	0.00	
7,800.00	92.00	269.98	4,859.92	-0.96	-3,090.92	3,090.92	0.00	0.00	0.00	
7,900.00	92.00	269.98	4,856.42	-0.99	-3,190.86	3,190.86	0.00	0.00	0.00	
8,000.00	92.00	269.98	4,852.93	-1.01	-3,290.80	3,290.80	0.00	0.00	0.00	
8,100.00	92.00	269.98	4,849.43	-1.04	-3,390.74	3,390.74	0.00	0.00	0.00	
8,200.00	92.00	269.98	4,845.94	-1.07	-3,490.68	3,490.68	0.00	0.00	0.00	
8,300.00	92.00	269.98	4,842.45	-1.10	-3,590.61	3,590.62	0.00	0.00	0.00	
8,400.00	92.00	269.98	4,838.95	-1.12	-3,690.55	3,690.55	0.00	0.00	0.00	
8,500.00	92.00	269.98	4,835.46	-1.15	-3,790.49	3,790.49	0.00	0.00	0.00	
8,600.00	92.00	269.98	4,831.96	-1.18	-3,890.43	3,890.43	0.00	0.00	0.00	
8,684.65	92.00	269.98	4,829.01	-1.20	-3,975.03	3,975.03	0.00	0.00	0.00	
8,684.82	92.00	269.98	4,829.00	-1.20	-3,975.20	3,975.20	3.00	-1.42	-2.64	
BHL (Trinity A #1H)										

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 (Trinity A #1H)	0.00	360.00	4,829.00	-1.20	-3,975.20	659,041.50	418,133.00	32° 48' 41.436 N	104° 35' 59.273 W	
- plan hits target										
- Point										

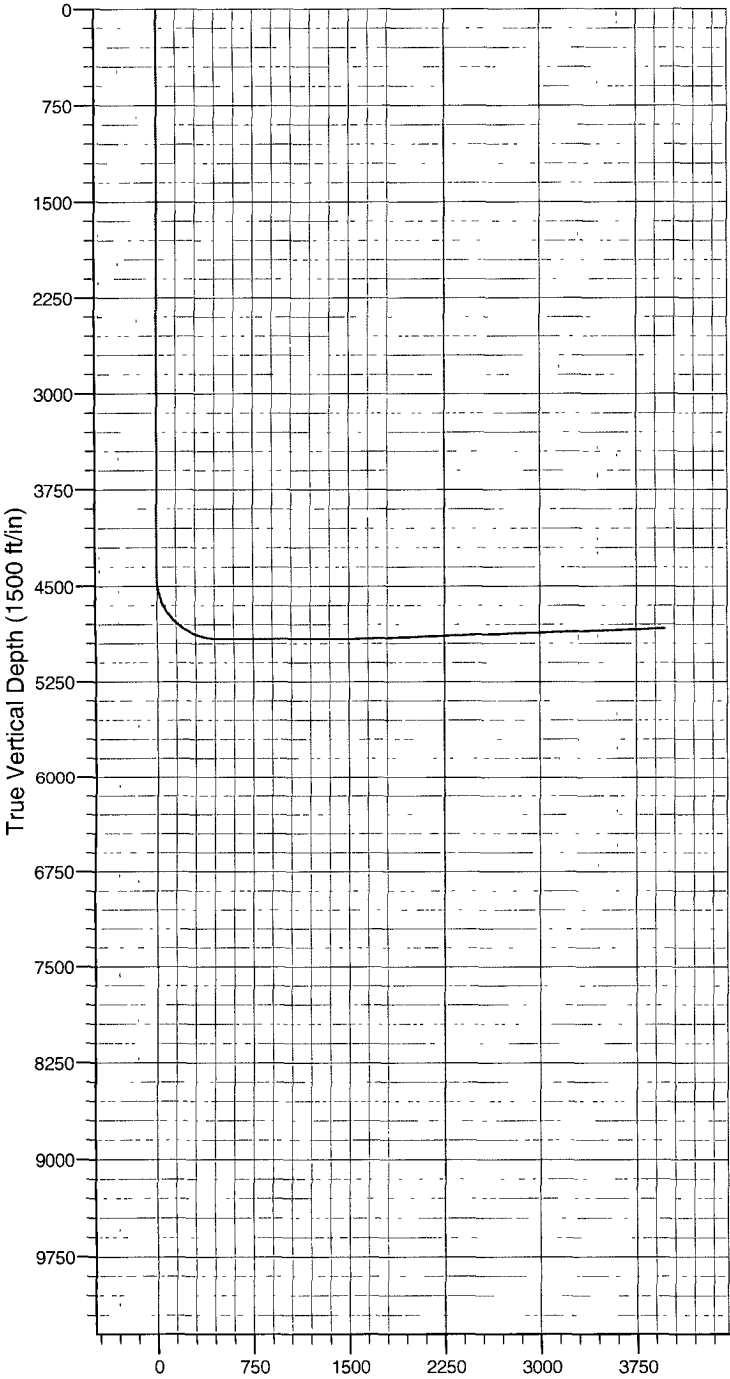
WELL DETAILS: Trinity A 28 State #1H

+N/-S	+E/-W	Northing	Ground Level: 3791.00	Easting	Latitude	Longitude	Slot
0.00	0.00	659042.70		422108.20	32° 48' 41.544 N	104° 35' 12.694 W	

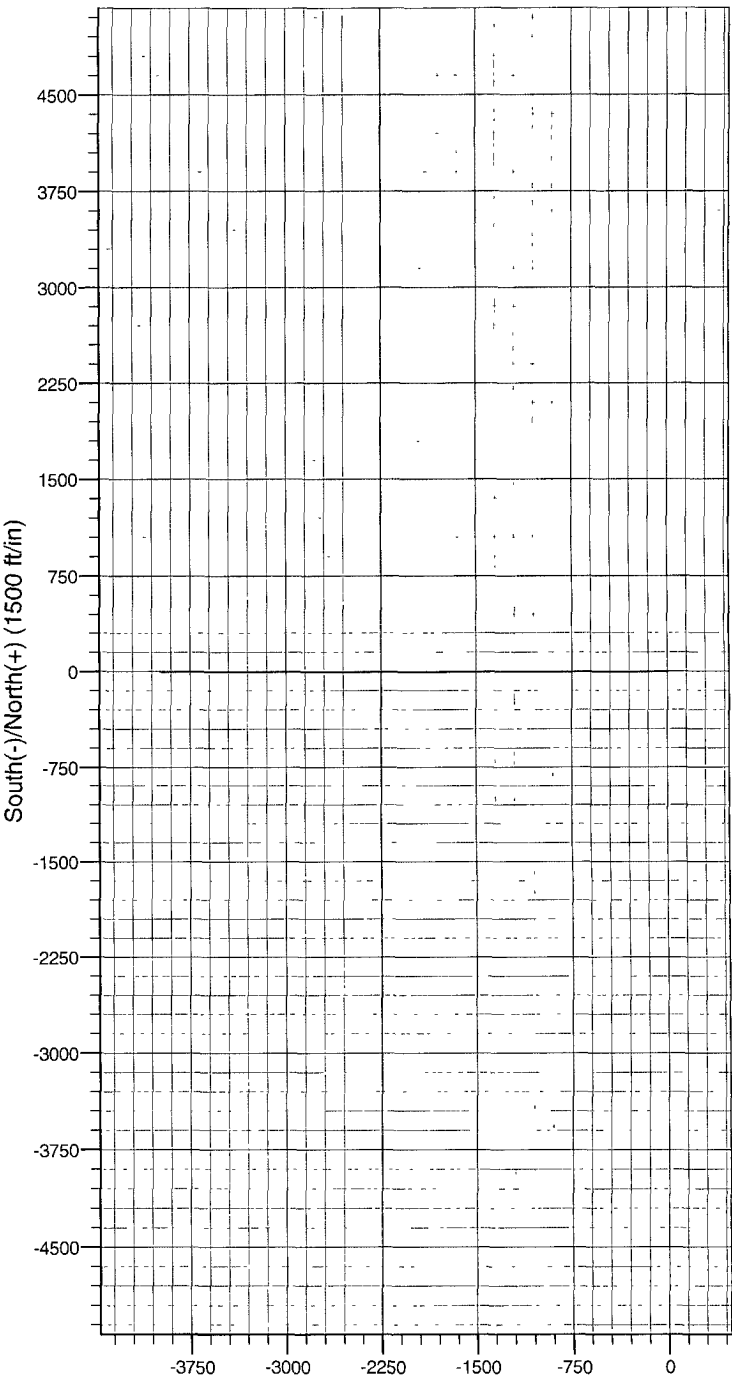
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	Target	Sec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4433.00	0.00	0.00	4433.00	0.00	0.00	0.00	0.00	0.00	
3	5190.12	90.00	269.98	4915.00	-0.17	-482.00	11.89	269.98	482.00	
4	6190.12	90.00	269.98	4915.00	-0.52	-1482.00	0.00	0.00	1482.00	
5	6256.87	92.00	269.98	4913.83	-0.54	-1548.73	3.00	0.12	1548.73	
6	8684.65	92.00	269.98	4829.01	-1.20	-3975.03	0.00	0.00	3975.03	
7	8684.82	92.00	269.98	4829.00	-1.20	-3975.20	0.00	0.00	3975.20	

Blind (Trinity) #1H

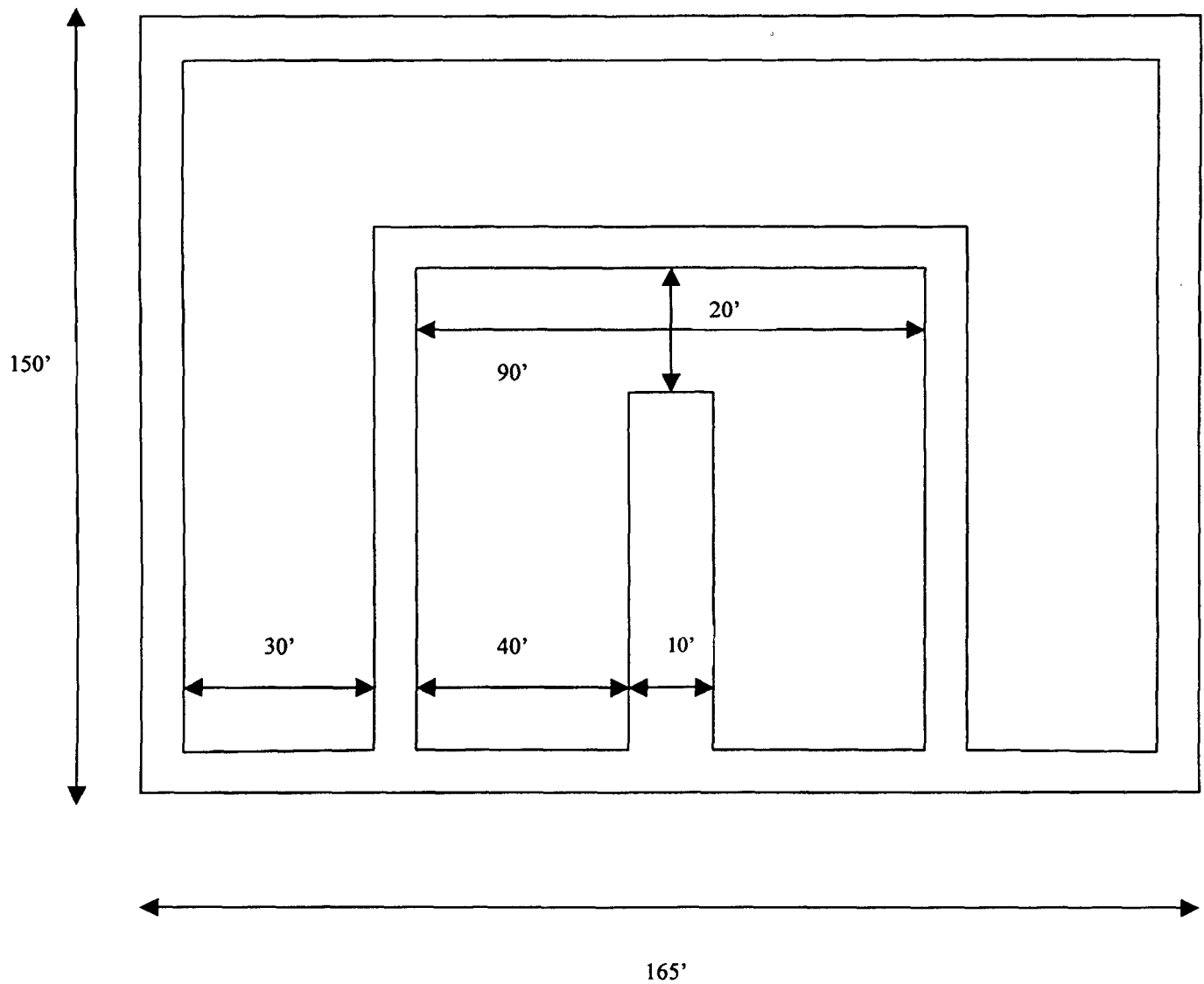


Vertical Section at 269.98° (1500 ft/in)



West(-)/East(+) (1500 ft/in)

New Mexico Double Horseshoe Reserve Pit Design



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