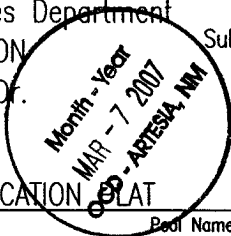


District I  
1625 N. Francis Dr., Santa Fe, NM 87505  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Blvd., Artesia, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 <b>30-011-35469</b>	Pool Code <b>97489</b>	Pool Name <b>Wildcat;Wolfcamp (Gas)</b>
Property Code <b>36364</b>	Property Name <b>LENA "B" 6 FEE</b>	Well Number <b>1H</b>
OGRID No. <b>7377</b>	Operator Name <b>EOG RESOURCES, INC.</b>	Elevation <b>3367'</b>

Surface Location

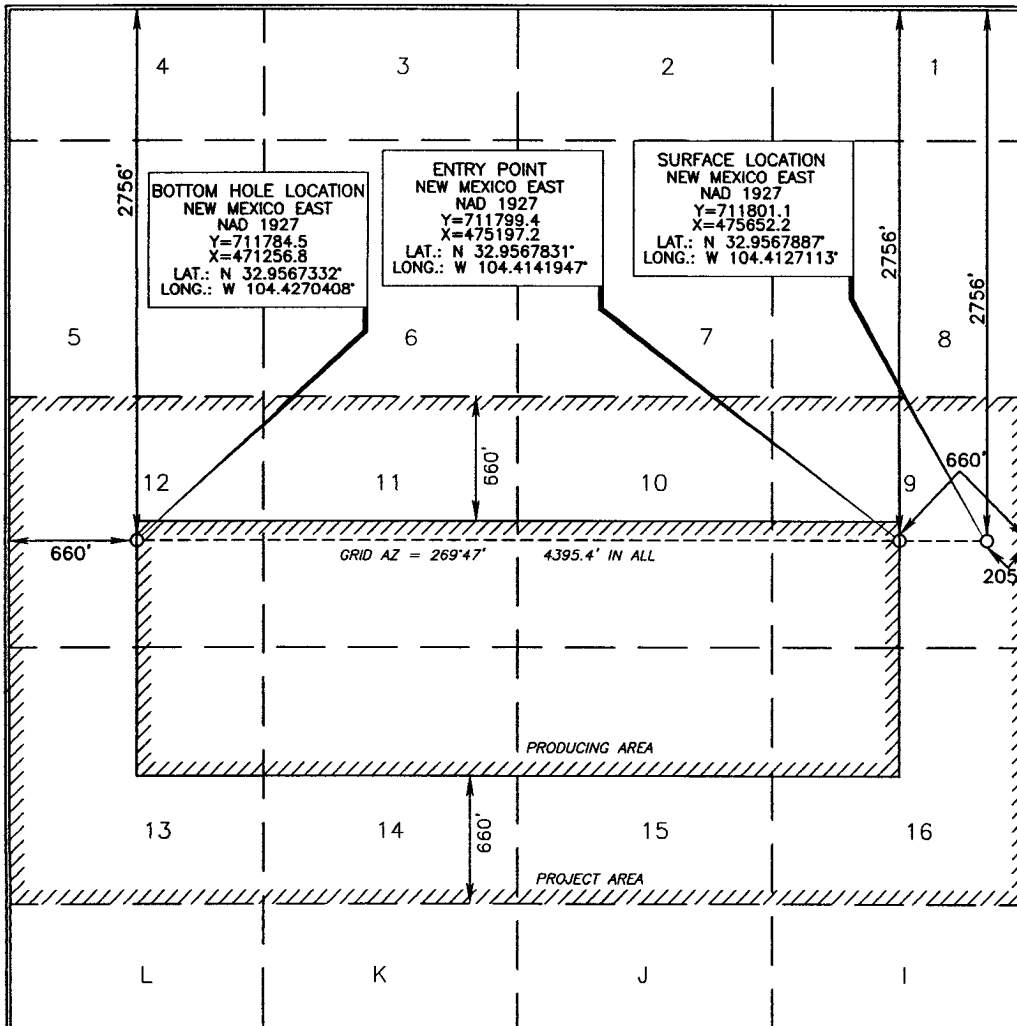
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>9</b>	<b>6</b>	<b>16 SOUTH</b>	<b>26 EAST, N.M.P.M.</b>		<b>2756'</b>	<b>NORTH</b>	<b>205'</b>	<b>EAST</b>	<b>EDDY</b>

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>12</b>	<b>6</b>	<b>16 SOUTH</b>	<b>26 EAST, N.M.P.M.</b>		<b>2756'</b>	<b>NORTH</b>	<b>660'</b>	<b>WEST</b>	<b>EDDY</b>

Dedicated Acres <b>313.66</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* 3/5/2007  
Signature Date

Donny G. Glanton  
Printed Name

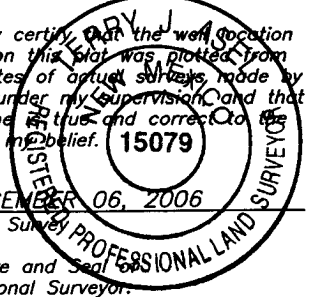
SURVEYOR CERTIFICATION

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 are true and correct to the best of my belief.

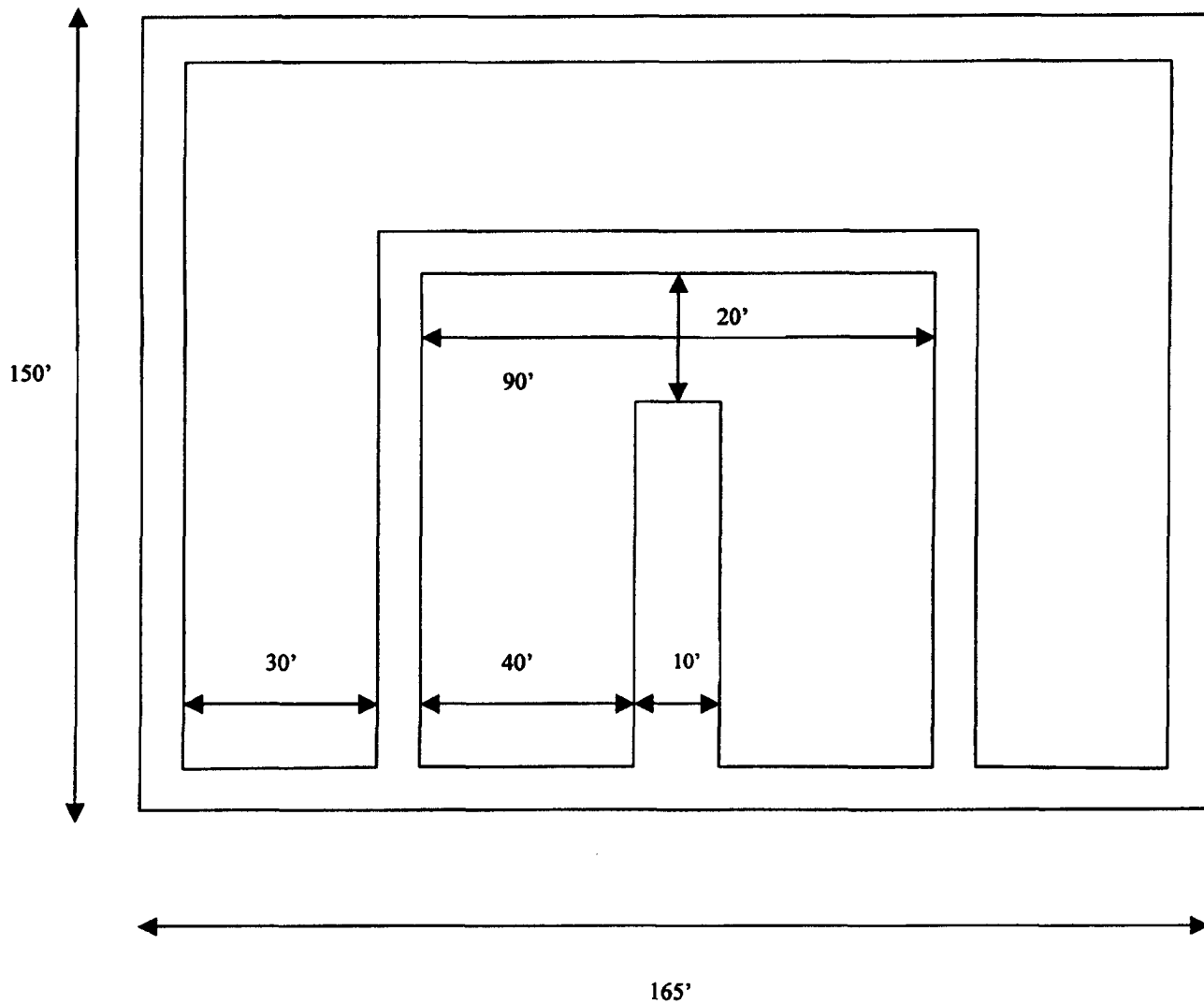
DECEMBER 06, 2006  
Date of Survey

Signature and Seal of Professional Surveyor

*Tommy J. Arndt* 2/20/07  
Certificate Number 15079



# New Mexico Double Horseshoe Reserve Pit Design



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

**Permit Information:**

Well Name: Lena B 6 Fee #1H

**Location:**

SL 2756' FNL &amp; 205' FEL, Section 6, T-16-S, R-26-E, Eddy Co., N.M.

BHL 2756' FNL &amp; 660' FWL, Section 6, T-16-S, R-26-E, Eddy Co., N.M.

**Casing Program:**

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	1,000'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	9,117'	7-7/8"	5 1/2"	17#	N-80	Surface

**Cement Program:**

Depth	No. Sacks	Slurries:
1,000'	200	Lead: Premium Plus + 2% CaCl <sub>2</sub> + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl <sub>2</sub> + 1/4 pps Flocele
9,117'	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 - 1,000'	Fresh - Gel	8.6-8.8	28-34	N/c
1,000' - 4,600'	Cut Brine	8.8-9.2	28-34	N/c
4,600' - 5,400'	Cut Brine	8.8-9.2	28-34	10-15
4,400' - 9,117'	Polymer (Lateral)	9.0-9.4	40-45	10-20



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

February 28, 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 H<sub>2</sub>S Contingency Plan for the Lena B 6 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,

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

Jason LaGrega  
Drilling Engineer



# Pathfinder Energy Planning Report

<b>Company:</b> EOG Resources <b>Field:</b> Lena B 6 Fee #1H <b>Site:</b> Lena B 6 Fee #1H <b>Well:</b> Lena B 6 Fee #1H <b>Wellpath:</b> OH	<b>Date:</b> 3/2/2007 <b>Co-ordinate(N/E) Reference:</b> Lena B 6 Fee #1H, Grid North <b>Vertical (TVD) Reference:</b> SITE 0.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,269.78Azi) <b>Plan:</b> Plan #1 3-2-07
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**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	0.00	
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	
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP @ 4400' MD/ TVD
4500.00	10.26	269.78	4499.47	-0.03	-8.93	8.93	10.26	10.26	0.00	
4600.00	20.52	269.78	4595.75	-0.14	-35.43	35.43	10.26	10.26	0.00	
4700.00	30.78	269.78	4685.78	-0.30	-78.66	78.66	10.26	10.26	0.00	
4800.00	41.04	269.78	4766.67	-0.53	-137.22	137.23	10.26	10.26	0.00	
4900.00	51.30	269.78	4835.83	-0.80	-209.26	209.26	10.26	10.26	0.00	
5000.00	61.55	269.78	4891.06	-1.12	-292.47	292.47	10.26	10.26	0.00	
5100.00	71.81	269.78	4930.59	-1.48	-384.18	384.18	10.26	10.26	0.00	
5179.79	80.00	269.78	4950.00	-1.77	-461.50	461.50	10.26	10.26	0.00	
5200.00	80.59	269.78	4953.41	-1.85	-481.42	481.42	2.90	2.90	0.00	
5300.00	83.49	269.78	4967.26	-2.23	-580.44	580.45	2.90	2.90	0.00	
5400.00	86.39	269.78	4976.08	-2.61	-680.04	680.05	2.90	2.90	0.00	
5500.00	89.29	269.78	4979.85	-2.99	-779.96	779.97	2.90	2.90	0.00	
5524.44	90.00	269.78	4980.00	-3.09	-804.40	804.41	2.90	2.90	0.00	EOC @ 5524' MD/TVD
5600.00	90.00	269.78	4980.00	-3.38	-879.96	879.97	0.00	0.00	0.00	
5700.00	90.00	269.78	4980.00	-3.76	-979.96	979.97	0.00	0.00	0.00	
5800.00	90.00	269.78	4980.00	-4.15	-1079.96	1079.97	0.00	0.00	0.00	
5900.00	90.00	269.78	4980.00	-4.53	-1179.96	1179.97	0.00	0.00	0.00	
6000.00	90.00	269.78	4980.00	-4.91	-1279.96	1279.97	0.00	0.00	0.00	
6100.00	90.00	269.78	4980.00	-5.30	-1379.96	1379.97	0.00	0.00	0.00	
6200.00	90.00	269.78	4980.00	-5.68	-1479.96	1479.97	0.00	0.00	0.00	
6300.00	90.00	269.78	4980.00	-6.07	-1579.95	1579.97	0.00	0.00	0.00	
6400.00	90.00	269.78	4980.00	-6.45	-1679.95	1679.97	0.00	0.00	0.00	

# Pathfinder Energy Planning Report

<b>Company:</b> EOG Resources	<b>Date:</b> 3/2/2007	<b>Time:</b> 15:12:21	<b>Page:</b> 3
<b>Field:</b> Lena B 6 Fee #1H	<b>Co-ordinate(NE) Reference Site:</b> Lena B 6 Fee #1H, Grid North		
<b>Site:</b> Lena B 6 Fee #1H	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> Lena B 6 Fee #1H	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,269.78Az)		
<b>Wellpath:</b> OH	<b>Plan:</b>	<b>Plan #1 3-2-07</b>	

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6500.00	90.00	269.78	4980.00	-6.83	-1779.95	1779.97	0.00	0.00	0.00	
6600.00	90.00	269.78	4980.00	-7.22	-1879.95	1879.97	0.00	0.00	0.00	
6700.00	90.00	269.78	4980.00	-7.60	-1979.95	1979.97	0.00	0.00	0.00	
6720.44	90.00	269.78	4980.00	-7.68	-2000.39	2000.41	0.00	0.00	0.00	Begin Build @ 6720' MD
6787.54	92.01	269.79	4978.82	-7.93	-2067.48	2067.49	3.00	3.00	0.01	End Build @ 6787' MD, 92.
6800.00	92.01	269.79	4978.38	-7.98	-2079.93	2079.94	0.00	0.00	0.00	
6900.00	92.01	269.79	4974.87	-8.35	-2179.87	2179.88	0.00	0.00	0.00	
7000.00	92.01	269.79	4971.36	-8.73	-2279.80	2279.82	0.00	0.00	0.00	
7100.00	92.01	269.79	4967.85	-9.10	-2379.74	2379.76	0.00	0.00	0.00	
7200.00	92.01	269.79	4964.33	-9.47	-2479.68	2479.70	0.00	0.00	0.00	
7300.00	92.01	269.79	4960.82	-9.84	-2579.62	2579.64	0.00	0.00	0.00	
7400.00	92.01	269.79	4957.31	-10.21	-2679.55	2679.57	0.00	0.00	0.00	
7500.00	92.01	269.79	4953.80	-10.59	-2779.49	2779.51	0.00	0.00	0.00	
7600.00	92.01	269.79	4950.28	-10.96	-2879.43	2879.45	0.00	0.00	0.00	
7700.00	92.01	269.79	4946.77	-11.33	-2979.37	2979.39	0.00	0.00	0.00	
7800.00	92.01	269.79	4943.26	-11.70	-3079.31	3079.33	0.00	0.00	0.00	
7900.00	92.01	269.79	4939.75	-12.07	-3179.24	3179.27	0.00	0.00	0.00	
8000.00	92.01	269.79	4936.23	-12.45	-3279.18	3279.20	0.00	0.00	0.00	
8100.00	92.01	269.79	4932.72	-12.82	-3379.12	3379.14	0.00	0.00	0.00	
8200.00	92.01	269.79	4929.21	-13.19	-3479.06	3479.08	0.00	0.00	0.00	
8300.00	92.01	269.79	4925.69	-13.56	-3578.99	3579.02	0.00	0.00	0.00	
8400.00	92.01	269.79	4922.18	-13.93	-3678.93	3678.96	0.00	0.00	0.00	
8500.00	92.01	269.79	4918.67	-14.31	-3778.87	3778.90	0.00	0.00	0.00	
8600.00	92.01	269.79	4915.16	-14.68	-3878.81	3878.83	0.00	0.00	0.00	
8700.00	92.01	269.79	4911.64	-15.05	-3978.74	3978.77	0.00	0.00	0.00	
8800.00	92.01	269.79	4908.13	-15.42	-4078.68	4078.71	0.00	0.00	0.00	
8900.00	92.01	269.79	4904.62	-15.79	-4178.62	4178.65	0.00	0.00	0.00	
9000.00	92.01	269.79	4901.11	-16.17	-4278.56	4278.59	0.00	0.00	0.00	
9100.00	92.01	269.79	4897.59	-16.54	-4378.49	4378.53	0.00	0.00	0.00	
9116.92	92.00	269.79	4897.00	-16.60	-4395.40	4395.43	0.08	-0.08	0.02	PBHL

**Targets**

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map	Map	Latitude			Longitude				
					Northing ft	Easting ft	Deg	Min	Sec	Deg	Min	Sec		
PBHL		4897.00	-16.60	-4395.40	711784.50	471256.80	32	57	24.239	N	104	25	37.347	W

**Annotation**

MD ft	TVD ft	
4400.00	4400.00	KOP @ 4400' MD/ TVD
5524.44	4980.00	EOC @ 5524' MD/TVD
6720.44	4980.00	Begin Build @ 6720' MD
6787.54	4978.82	End Build @ 6787' MD, 92.01° INC



COMPANY DETAILS

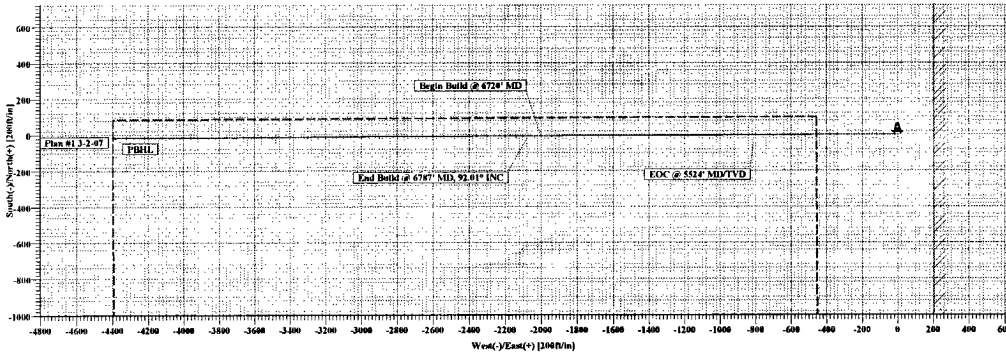
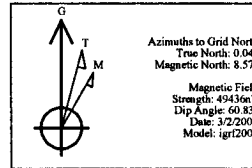
EOG Resources  
4000 N. Big Spring, Ste. 500  
Midland, TX 79705

Calculation Method: Minimum Curvature  
Error System: Systematic Ellipse  
Scan Method: Closest Approach 3D  
Error Surface: Elliptical Conic  
Warning Method: Error Ratio

Field: Lena B 6 Fee #1H  
Site: Lena B 6 Fee #1H  
Well: Lena B 6 Fee #1H  
Wellpath: OH  
Plan: Plan #1 3-2-07

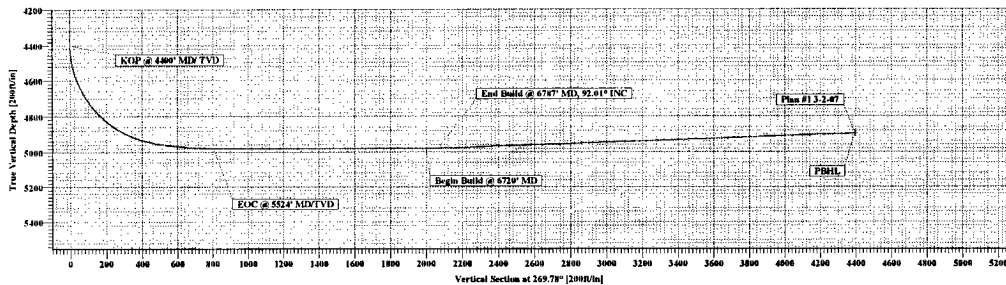
WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Lena B 6 Fee #1H	0.00	0.00	711801.10	475652.20	32°57'24.439"N	104°24'45.761"W	N/A

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	
3	5179.79	80.00	269.78	4950.00	-1.77	-461.50	10.26	269.78	461.50	
4	5524.44	90.00	269.78	4980.00	-3.09	-804.40	2.90	0.00	804.41	
5	6720.44	90.00	269.78	4980.00	-7.68	-2000.39	0.00	0.00	2000.41	
6	6787.54	92.01	269.79	4978.82	-7.93	-2067.48	3.00	0.19	2067.49	
7	9116.47	92.01	269.79	4897.02	-16.60	-4394.95	0.00	0.00	4394.99	
8	9116.92	92.00	269.79	4897.00	-16.60	-4395.40	3.00	165.87	4395.43	PBHL



SITE DETAILS	
Lena B 6 Fee #1H	
Site Centre Northing:	711801.10
Easting:	475652.20
Ground Level:	3367.00
Positional Uncertainty:	0.00
Convergence:	-0.04

FIELD DETAILS	
Lena B 6 Fee #1H	
Geodetic System:	US State Plane Coordinate System 1927
Ellipsoid:	NAD27 (Clarke 1866)
Zone:	New Mexico, Eastern Zone
Magnetic Model:	igr(2005)
System Datum:	Mean Sea Level
Local North:	Grid North



ANNOTATIONS			
No.	TVD	MD	Annotation
1	4400.00	4400.00	KOP @ 4400' MD(TVD)
2	4980.00	5524.44	EOC @ 5524' MD(TVD)
3	4980.00	6720.44	Begin Build @ 6720' MD
4	4978.82	6787.54	End Build @ 6787' MD, 92.01° INC