

Form C-102
Revised October 12, 2005
o Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-39896		Pool Code 97741	Well Location AND ACREAGE DEDICATION PLAT Wildcat; Bone Spring
Property Code 38284	Property Name LA PINTA 10 FEE		Well Number 2H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.		Elevation 3317.1'

Surface Location

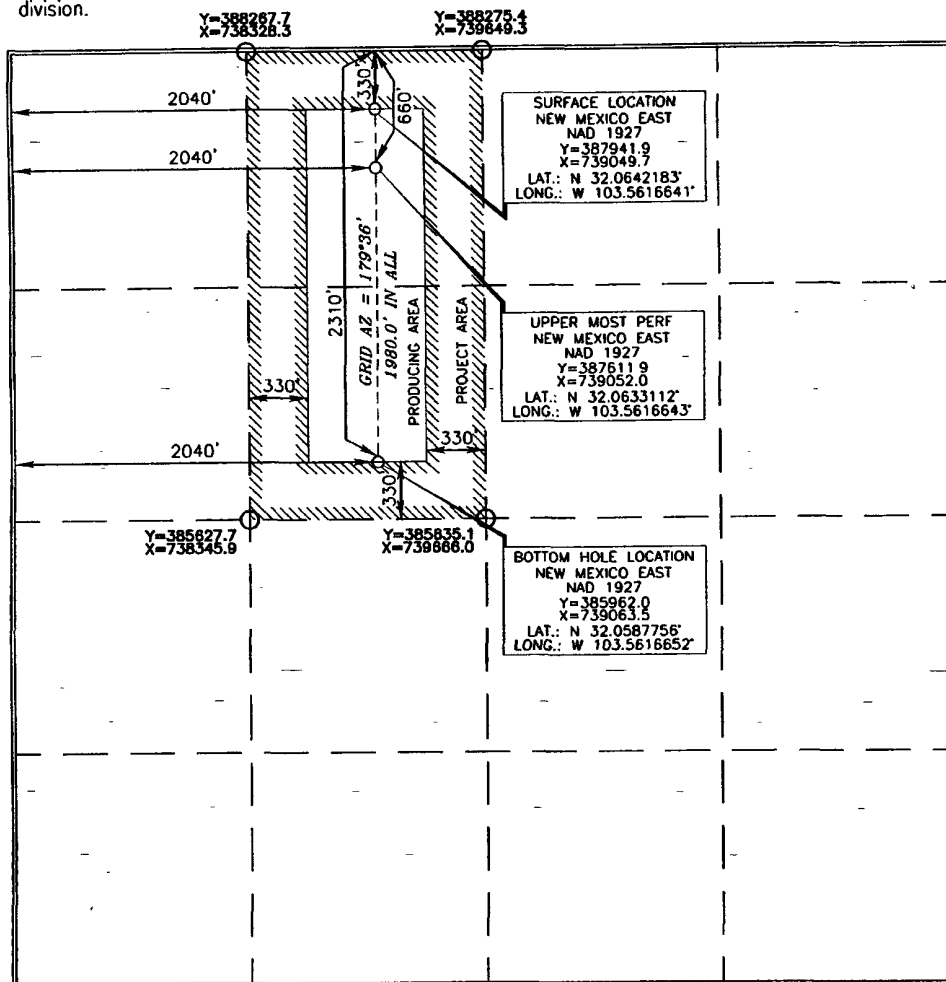
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	10	26 SOUTH	33 EAST, N.M.P.M.		330'	NORTH	2040'	WEST	LEA

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
F	10	26 SOUTH	33 EAST, N.M.P.M.		2310'	NORTH	2040'	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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 Stan Wagner Date 8/31/10
Stan Wagner
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes, actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

15079
AUGUST 30, 2010
Date of Survey
Signature and Seal of
Professional Surveyor:
Terry D. Reed 9/1/2010
Certificate Number 15079

WO# 100830WL-XY (KA)

Permit Information:

Well Name: La Pinta 10 Fee-No. 2H

Location:

SL: 330' FNL & 2,040' FWL, Section 10, T-26-S, R-33-E, Lea Co., N.M.

BHL: 2,310' FNL & 2,040' FWL, Section 10, T-26-S, R-33-E, Lea Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	1,075'	17-1/2"	13-3/8"	54.5#	J-55	Surface
Intermediate	4,000'	12-1/4"	9-5/8"	40#	J-55	Surface
	5,000'	12-1/4"	9-5/8"	40#	HCK-55	
Production	11,035'	8-3/4"	5-1/2"	20#	HCP-110	4600'

Cement Program:

Depth	No. Sacks	Wt. lb/gal	Yld Ft ³ /ft	Slurry Description
1,075'	500	13.5	1.74	Lead: Class 'C' + 4.00% Bentonite + 2.00% CaCl ₂
	300	14.8	1.35	Tail: Class 'C' + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate + 2.0% KCl (1.06 lb/sk)
5,000'	1100	12.7	2.01	Lead: Class 'C' + 2.00% SMS + 1.50% R-3 + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
	200	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
11,000'	100	18.0	0.90	210' Btm Hole Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
8,500' - 9,100'	300	18.0	0.90	600' Sidetrack Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
11,035'	200	10.8	3.67	Lead-1: 60:40:0 Class C + 15.00 lb/sk BA-90 + 4.00% MPA-5 + 3.00% SMS + 5.00% A-10 + 1.00% BA-10A + 0.80% ASA-301 + 2.10% R-21 + 8.00 lb/sk LCM-1 + 0.01 gps FP-13L
	550	11.8	2.39	Lead 2: 50:50:10 Class H + 0.80% FL-52A + 0.30% ASA-301 + 0.30% SMS + 2.00% Salt (2.47 lb/sk) + 0.35% R-21 + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
	1200	14.2	1.28	Tail: 50:50:2 Class H + 0.65% FL-52A + 0.20% CD-32 + 0.15% SMS + 2.00% Salt (0.961 lb/sk) + 0.20% R-3 + 0.005 lb/sk Static Free

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1,075'	Fresh - Gel	8.6-8.8	28-34	N/c
1,175' - 5,000'	Brine	10.0-10.2	28-34	N/c
5,000' - 8,500'	Fresh Water	8.4-8.6	28-34	N/c
8,500' - 11,000'	Cut Brine	8.6-9.0	28-34	N/c
Pilot hole				
8,783' - 11,035'	Cut Brine	9.0-9.5	28-34	N/c
Lateral				

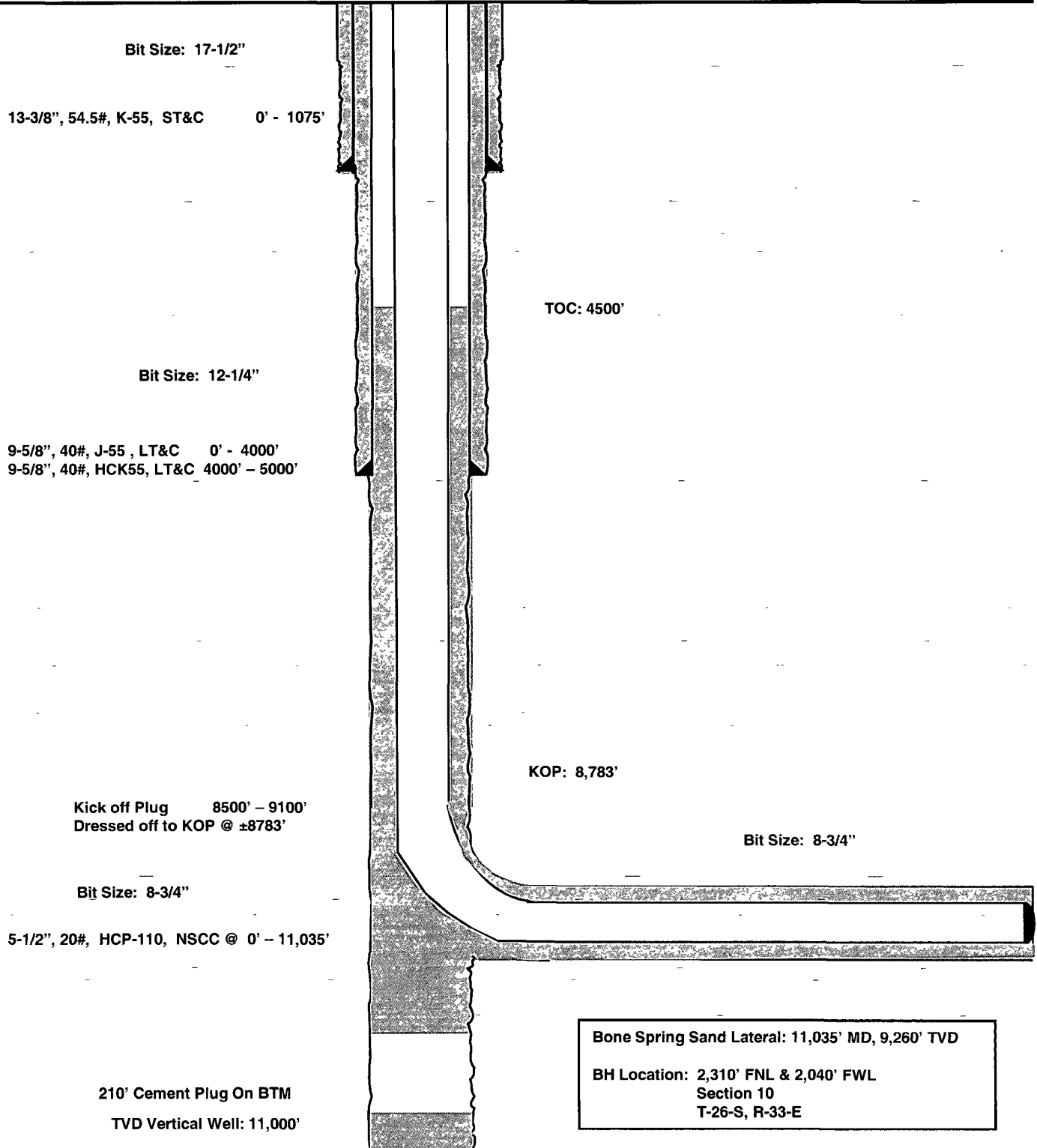
La Pinta 10 Fee #2H
Red Hills
Lea County, New Mexico

330' FNL
2,040' FWL
Section 10
T-26-S, R-33-E

Proposed Wellbore

API: 30-025-

KB: 3,347.1'
GL: 3,317.1'





EOG Resources, Inc.

Lea County
La Pinta 10 Fee
#2H
OH

Plan: Plan #1

Pathfinder X & Y Planning Report

02 September, 2010

RECEIVED

SEP 08 2010
HOBBSOCD

PATHFINDER®

A Schlumberger Company



Pathfinder
Pathfinder X & Y Planning Report



Company:	EOG Resources, Inc	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3347.10ft (30' KB Correction)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3347.10ft (30' KB Correction)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Midland Database

Project		Lea County	
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		La Pinta 10 Fee									
Site Position:		Northing:		383,277 000 ft		Latitude:		32° 3' 5.136 N			
From:		Map		Easting:		737,452 500 ft		Longitude:		103° 34' 0.935 W	
Position Uncertainty:		0.00 ft		Slot Radius:		"		Grid Convergence:		0.41 °	

Well	#2H					
Well Position	+N/-S	0.00 ft	Northing:	387,941 900 ft	Latitude:	32° 3' 51.186 N
	+E/-W	0.00 ft	Easting:	739,049 700 ft	Longitude:	103° 33' 41.990 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,317.10 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	09/02/2010	7.65	60.08	48,632

Design					Plan #1				
Audit Notes:									
Version:		Phase:		PLAN		Tie On Depth:		0 00	
Vertical Section:		Depth From (TVD)		+N/-S		+E/-W		Direction	
		(ft)		(ft)		(ft)		(°)	
		0 00		0 00		0.00		179.60	

Survey Tool Program		Date 09/02/2010		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	11,035.00	Plan #1 (OH)	MWD	MWD - Standard



Pathfinder Pathfinder X & Y Planning Report



Company: EOG Resources, Inc
Project: Lea County
Site: La Pinta 10 Fee
Well: #2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #2H
TVD Reference: WELL @ 3347.10ft (30' KB Correction)
MD Reference: WELL @ 3347.10ft (30' KB Correction)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Midland Database

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (%/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,347.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
100.00	0.00	0.00	100.00	-3,247.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
200.00	0.00	0.00	200.00	-3,147.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
300.00	0.00	0.00	300.00	-3,047.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
400.00	0.00	0.00	400.00	-2,947.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
500.00	0.00	0.00	500.00	-2,847.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
600.00	0.00	0.00	600.00	-2,747.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
700.00	0.00	0.00	700.00	-2,647.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
800.00	0.00	0.00	800.00	-2,547.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
900.00	0.00	0.00	900.00	-2,447.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,000.00	0.00	0.00	1,000.00	-2,347.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,100.00	0.00	0.00	1,100.00	-2,247.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,200.00	0.00	0.00	1,200.00	-2,147.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,300.00	0.00	0.00	1,300.00	-2,047.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,400.00	0.00	0.00	1,400.00	-1,947.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,500.00	0.00	0.00	1,500.00	-1,847.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,600.00	0.00	0.00	1,600.00	-1,747.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,700.00	0.00	0.00	1,700.00	-1,647.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,800.00	0.00	0.00	1,800.00	-1,547.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
1,900.00	0.00	0.00	1,900.00	-1,447.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
2,000.00	0.00	0.00	2,000.00	-1,347.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
2,100.00	0.00	0.00	2,100.00	-1,247.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
2,200.00	0.00	0.00	2,200.00	-1,147.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
2,300.00	0.00	0.00	2,300.00	-1,047.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
2,400.00	0.00	0.00	2,400.00	-947.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
2,500.00	0.00	0.00	2,500.00	-847.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70
2,600.00	0.00	0.00	2,600.00	-747.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70



Pathfinder Pathfinder X & Y Planning Report



Company:	EOG Resources, Inc	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3347.10ft (30' KB Correction)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3347.10ft (30' KB Correction)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Midland Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
2,700.00	0.00	0.00	2,700.00	-647.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
2,800.00	0.00	0.00	2,800.00	-547.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
2,900.00	0.00	0.00	2,900.00	-447.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,000.00	0.00	0.00	3,000.00	-347.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,100.00	0.00	0.00	3,100.00	-247.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,200.00	0.00	0.00	3,200.00	-147.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,300.00	0.00	0.00	3,300.00	-47.10	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,400.00	0.00	0.00	3,400.00	52.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,500.00	0.00	0.00	3,500.00	152.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,600.00	0.00	0.00	3,600.00	252.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,700.00	0.00	0.00	3,700.00	352.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,800.00	0.00	0.00	3,800.00	452.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
3,900.00	0.00	0.00	3,900.00	552.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,000.00	0.00	0.00	4,000.00	652.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,100.00	0.00	0.00	4,100.00	752.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,200.00	0.00	0.00	4,200.00	852.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,300.00	0.00	0.00	4,300.00	952.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,400.00	0.00	0.00	4,400.00	1,052.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,500.00	0.00	0.00	4,500.00	1,152.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,600.00	0.00	0.00	4,600.00	1,252.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,700.00	0.00	0.00	4,700.00	1,352.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,800.00	0.00	0.00	4,800.00	1,452.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
4,900.00	0.00	0.00	4,900.00	1,552.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,000.00	0.00	0.00	5,000.00	1,652.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,100.00	0.00	0.00	5,100.00	1,752.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,200.00	0.00	0.00	5,200.00	1,852.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,300.00	0.00	0.00	5,300.00	1,952.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	



Pathfinder
Pathfinder X & Y Planning Report



Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3347.10ft (30' KB Correction)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3347.10ft (30' KB Correction)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Midland Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
5,400.00	0.00	0.00	5,400.00	2,052.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,500.00	0.00	0.00	5,500.00	2,152.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,600.00	0.00	0.00	5,600.00	2,252.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,700.00	0.00	0.00	5,700.00	2,352.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,800.00	0.00	0.00	5,800.00	2,452.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
5,900.00	0.00	0.00	5,900.00	2,552.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,000.00	0.00	0.00	6,000.00	2,652.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,100.00	0.00	0.00	6,100.00	2,752.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,200.00	0.00	0.00	6,200.00	2,852.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,300.00	0.00	0.00	6,300.00	2,952.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,400.00	0.00	0.00	6,400.00	3,052.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,500.00	0.00	0.00	6,500.00	3,152.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,600.00	0.00	0.00	6,600.00	3,252.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,700.00	0.00	0.00	6,700.00	3,352.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,800.00	0.00	0.00	6,800.00	3,452.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
6,900.00	0.00	0.00	6,900.00	3,552.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,000.00	0.00	0.00	7,000.00	3,652.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,100.00	0.00	0.00	7,100.00	3,752.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,200.00	0.00	0.00	7,200.00	3,852.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,300.00	0.00	0.00	7,300.00	3,952.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,400.00	0.00	0.00	7,400.00	4,052.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,500.00	0.00	0.00	7,500.00	4,152.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,600.00	0.00	0.00	7,600.00	4,252.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,700.00	0.00	0.00	7,700.00	4,352.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,800.00	0.00	0.00	7,800.00	4,452.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
7,900.00	0.00	0.00	7,900.00	4,552.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,000.00	0.00	0.00	8,000.00	4,652.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	



Pathfinder Pathfinder X & Y Planning Report



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Project:	Lea County	TVD Reference:	WELL @ 3347.10ft (30' KB Correction)
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Design:	Plan #1	Database:	Midland Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
8,100.00	0.00	0.00	8,100.00	4,752.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,200.00	0.00	0.00	8,200.00	4,852.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,300.00	0.00	0.00	8,300.00	4,952.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,400.00	0.00	0.00	8,400.00	5,052.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,500.00	0.00	0.00	8,500.00	5,152.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,600.00	0.00	0.00	8,600.00	5,252.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,700.00	0.00	0.00	8,700.00	5,352.90	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,782.50	0.00	0.00	8,782.50	5,435.40	0.00	0.00	0.00	0.00	387,941.90	739,049.70	
8,800.00	2.10	179.60	8,800.00	5,452.90	-0.32	0.00	0.32	12.00	387,941.58	739,049.70	
8,825.00	5.10	179.60	8,824.94	5,477.84	-1.89	0.01	1.89	12.00	387,940.01	739,049.71	
8,850.00	8.10	179.60	8,849.78	5,502.68	-4.76	0.03	4.76	12.00	387,937.14	739,049.73	
8,875.00	11.10	179.60	8,874.42	5,527.32	-8.93	0.06	8.93	12.00	387,932.97	739,049.76	
8,900.00	14.10	179.60	8,898.82	5,551.72	-14.38	0.10	14.38	12.00	387,927.52	739,049.80	
8,925.00	17.10	179.60	8,922.89	5,575.79	-21.11	0.15	21.11	12.00	387,920.79	739,049.85	
8,950.00	20.10	179.60	8,946.59	5,599.49	-29.08	0.20	29.08	12.00	387,912.82	739,049.90	
8,975.00	23.10	179.60	8,969.83	5,622.73	-38.28	0.27	38.28	12.00	387,903.62	739,049.97	
9,000.00	26.10	179.60	8,992.56	5,645.46	-48.68	0.34	48.68	12.00	387,893.22	739,050.04	
9,025.00	29.10	179.60	9,014.71	5,667.61	-60.26	0.42	60.27	12.00	387,881.64	739,050.12	
9,050.00	32.10	179.60	9,036.23	5,689.13	-72.99	0.51	72.99	12.00	387,868.91	739,050.21	
9,075.00	35.10	179.60	9,057.05	5,709.95	-86.82	0.61	86.82	12.00	387,855.08	739,050.31	
9,100.00	38.10	179.60	9,077.12	5,730.02	-101.72	0.71	101.72	12.00	387,840.18	739,050.41	
9,125.00	41.10	179.60	9,096.38	5,749.28	-117.65	0.82	117.66	12.00	387,824.25	739,050.52	
9,150.00	44.10	179.60	9,114.78	5,767.68	-134.57	0.94	134.58	12.00	387,807.33	739,050.64	
9,175.00	47.10	179.60	9,132.27	5,785.17	-152.43	1.06	152.43	12.00	387,789.47	739,050.76	
9,200.00	50.10	179.60	9,148.80	5,801.70	-171.18	1.20	171.18	12.00	387,770.72	739,050.90	
9,225.00	53.10	179.60	9,164.33	5,817.23	-190.77	1.33	190.77	12.00	387,751.13	739,051.03	
9,250.00	56.10	179.60	9,178.81	5,831.71	-211.14	1.47	211.15	12.00	387,730.76	739,051.17	



Pathfinder Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company:	EOG Resources, Inc	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3347.10ft (30' KB Correction)
Site:	La Pinta 10' Fee	MD Reference:	WELL @ 3347.10ft (30' KB Correction)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Midland Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (%/100ft)	Northing (ft)	Easting (ft)	
9,275.00	59.10	179.60	9,192.21	5,845.11	-232.25	1.62	232.25	12.00	387,709.65	739,051.32	
9,300.00	62.10	179.60	9,204.48	5,857.38	-254.02	1.77	254.03	12.00	387,687.88	739,051.47	
9,325.00	65.10	179.60	9,215.60	5,868.50	-276.41	1.93	276.42	12.00	387,665.49	739,051.63	
9,350.00	68.09	179.60	9,225.53	5,878.43	-299.35	2.09	299.36	12.00	387,642.55	739,051.79	
9,375.00	71.09	179.60	9,234.24	5,887.14	-322.78	2.25	322.79	12.00	387,619.12	739,051.95	
9,400.00	74.09	179.60	9,241.72	5,894.62	-346.63	2.42	346.64	12.00	387,595.27	739,052.12	
9,425.00	77.09	179.60	9,247.94	5,900.84	-370.84	2.59	370.85	12.00	387,571.06	739,052.29	
9,450.00	80.09	179.60	9,252.88	5,905.78	-395.35	2.76	395.36	12.00	387,546.55	739,052.46	
9,475.00	83.09	179.60	9,256.54	5,909.44	-420.07	2.93	420.08	12.00	387,521.83	739,052.63	
9,500.00	86.09	179.60	9,258.89	5,911.79	-444.96	3.11	444.97	12.00	387,496.94	739,052.81	
9,525.00	89.09	179.60	9,259.94	5,912.84	-469.93	3.28	469.95	12.00	387,471.97	739,052.98	
9,532.56	90.00	179.60	9,260.00	5,912.90	-477.49	3.33	477.50	12.00	387,464.41	739,053.03	
9,600.00	90.00	179.60	9,260.00	5,912.90	-544.93	3.80	544.94	0.00	387,396.97	739,053.50	
9,700.00	90.00	179.60	9,260.00	5,912.90	-644.93	4.50	644.94	0.00	387,296.97	739,054.20	
9,800.00	90.00	179.60	9,260.00	5,912.90	-744.93	5.20	744.94	0.00	387,196.97	739,054.90	
9,900.00	90.00	179.60	9,260.00	5,912.90	-844.92	5.90	844.94	0.00	387,096.98	739,055.60	
10,000.00	90.00	179.60	9,260.00	5,912.90	-944.92	6.60	944.94	0.00	386,996.98	739,056.30	
10,100.00	90.00	179.60	9,260.00	5,912.90	-1,044.92	7.30	1,044.94	0.00	386,896.98	739,057.00	
10,200.00	90.00	179.60	9,260.00	5,912.90	-1,144.92	7.99	1,144.94	0.00	386,796.98	739,057.69	
10,300.00	90.00	179.60	9,260.00	5,912.90	-1,244.91	8.69	1,244.94	0.00	386,696.99	739,058.39	
10,400.00	90.00	179.60	9,260.00	5,912.90	-1,344.91	9.39	1,344.94	0.00	386,596.99	739,059.09	
10,500.00	90.00	179.60	9,260.00	5,912.90	-1,444.91	10.09	1,444.94	0.00	386,496.99	739,059.79	
10,600.00	90.00	179.60	9,260.00	5,912.90	-1,544.91	10.79	1,544.94	0.00	386,396.99	739,060.49	
10,700.00	90.00	179.60	9,260.00	5,912.90	-1,644.90	11.48	1,644.94	0.00	386,297.00	739,061.18	
10,800.00	90.00	179.60	9,260.00	5,912.90	-1,744.90	12.18	1,744.94	0.00	386,197.00	739,061.88	
10,900.00	90.00	179.60	9,260.00	5,912.90	-1,844.90	12.88	1,844.94	0.00	386,097.00	739,062.58	
11,000.00	90.00	179.60	9,260.00	5,912.90	-1,944.90	13.58	1,944.94	0.00	385,997.00	739,063.28	

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3347.10ft (30' KB Correction)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3347.10ft (30' KB Correction)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Midland Database

Planned Survey										
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
11,035.00	90.00	179.60	9,260.00	5,912.90	-1,979.90	13.82	1,979.95	0.00	385,962.00	739,063.52
PBHL(La Pinta 10 Fee #2H)										

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target - Shape									
PBHL(La Pinta 10 Fee - plan hits target center - Point	0.00	0.00	9,260.00	-1,979.90	13.80	385,962.000	739,063.500	32° 3' 31.592 N	103° 33' 41.994 W

Checked By: _____	Approved By: _____	Date: _____
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Project: Lea County
Site: La Pinta 10 Fee
Well: #2H
Wellbore: OH
Plan: Plan #1 (#2H/OH)



Azimuths to Grid North
True North: -0.41°
Magnetic North: 7.24°

Magnetic Field
Strength: 48632.4snT
Dip Angle: 60.08°
Date: 09/02/2010
Model: IGRF200510

PATHFINDER
A Schlumberger Company

WELL DETAILS #2H							
Ground Elevation: 3317.10							
RKB Elevation: WELL @ 3347.10R (30' KB Correction)							
Rig Name: 30' KB Correction							
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
0.00	0.00	387941.900	739049.700	32° 3' 51.186 N	103° 33' 41.990 W		

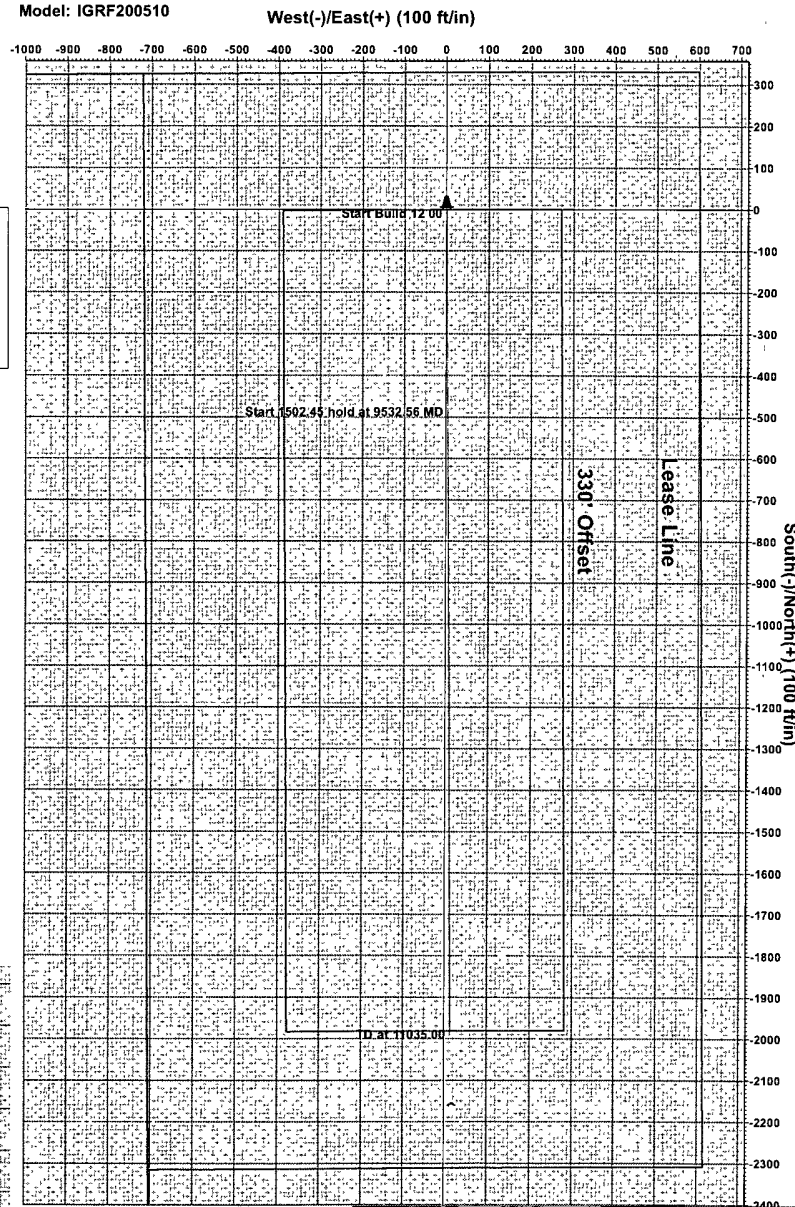
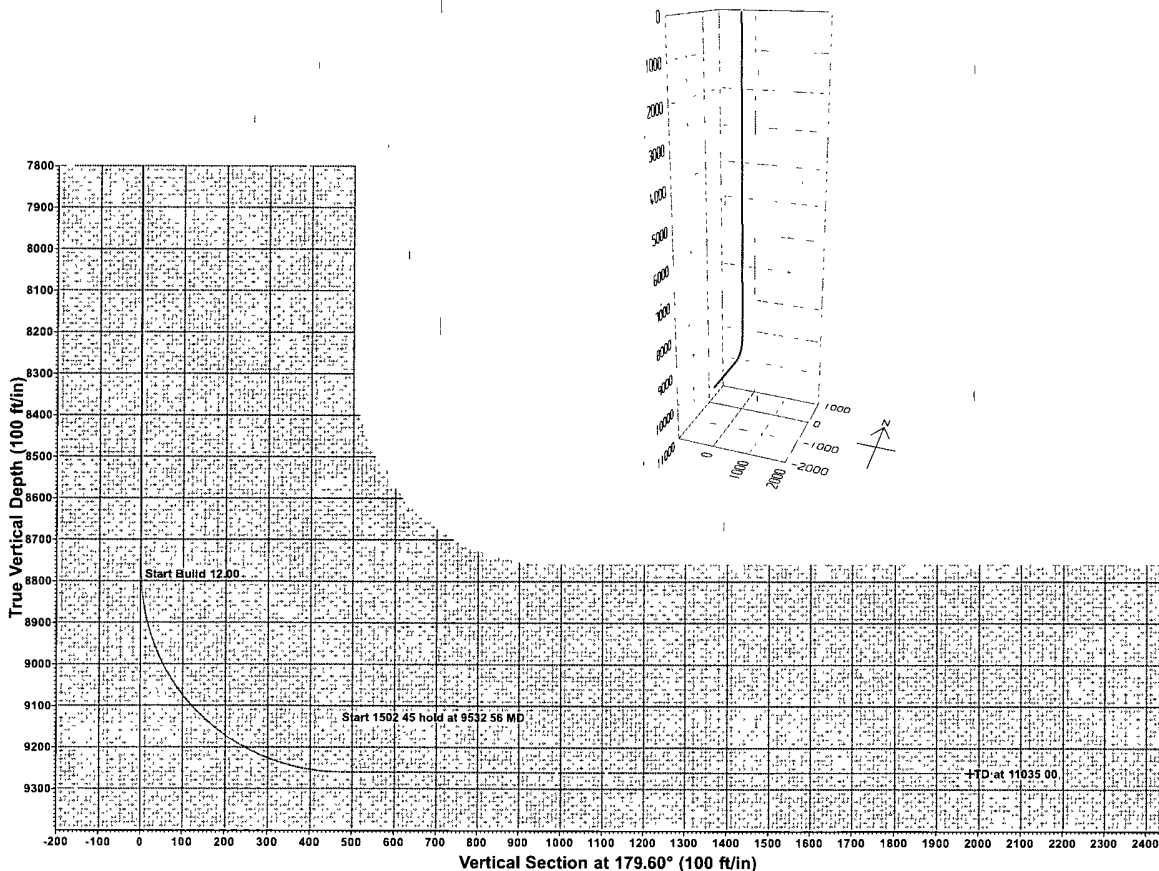
PROJECT DETAILS: Lea County
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North Grid

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	8782.50	0.00	0.00	8782.50	0.00	0.00	0.00	0.00	0.00	
3	9532.56	90.00	179.60	9260.00	-477.49	3.33	12.00	179.60	477.50	
4	11035.00	90.00	179.60	9260.00	-1979.90	13.82	0.00	0.00	1979.95	PBHL(La Pinta 10 Fee #2H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL(La Pinta 10 Fee #2H)	9260.00	-1979.90	13.80	385962.000	739063.500	Point

LEGEND

• Plan #1



Plan Plan #1 (#2H/OH)
Created By: Nate Bingham Date: 13 21, September 02 2010
Checked: _____ Date: _____