

District I
1625 N. French Dr., Hobbs, NM 88249
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
Oil, Gas, and 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 30-025- 39880	Pool Code 51020	Pool Name Red Hills; Bone Spring
Property Code 38284	Property Name LA PINTA 10 FEE	Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3305.6'

Surface Location

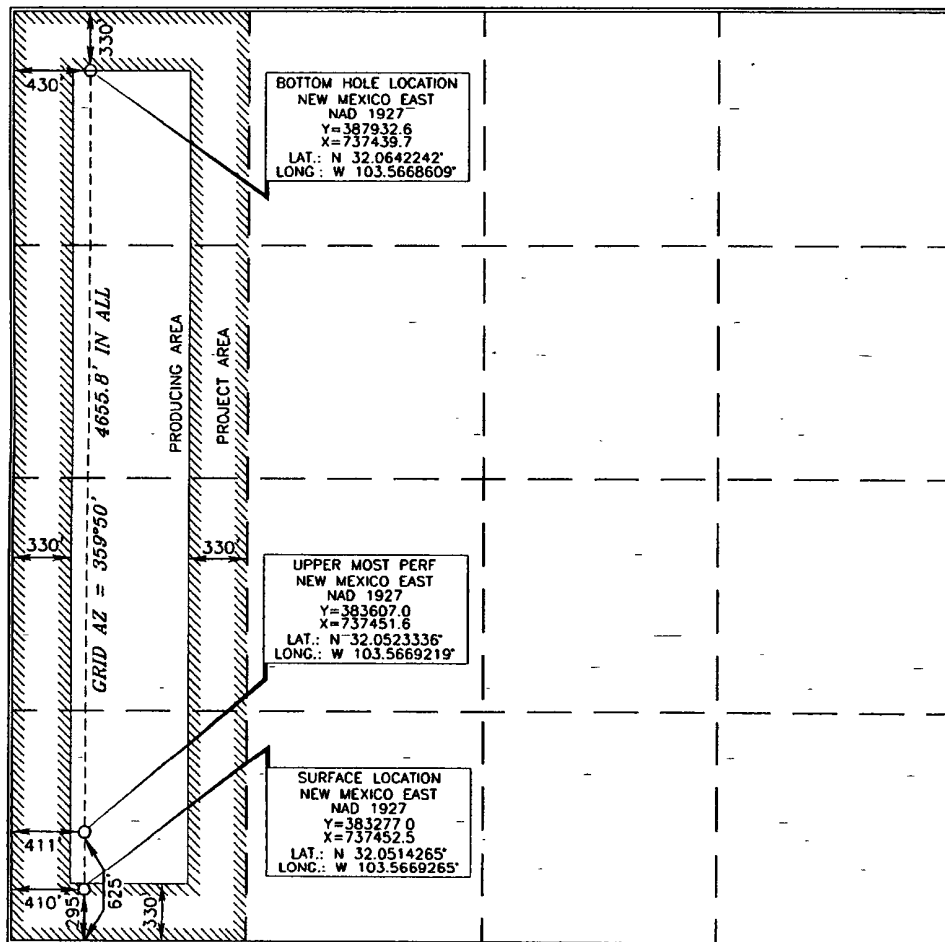
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	10	26 SOUTH	33 EAST, N.M.P.M.		295'	SOUTH	410'	WEST	LEA

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
D	10	26 SOUTH	33 EAST, N.M.P.M.		330'	NORTH	430'	WEST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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.

Stan Wagner
Signature Date

Stan Wagner 8/16/10
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was placed 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.

15079
AUGUST 18, 2010
Date of Survey
Signature of Professional Surveyor

Tommy J. Auel 8/12/2010
Certificate Number 15079

WO# 100810WL (KA)

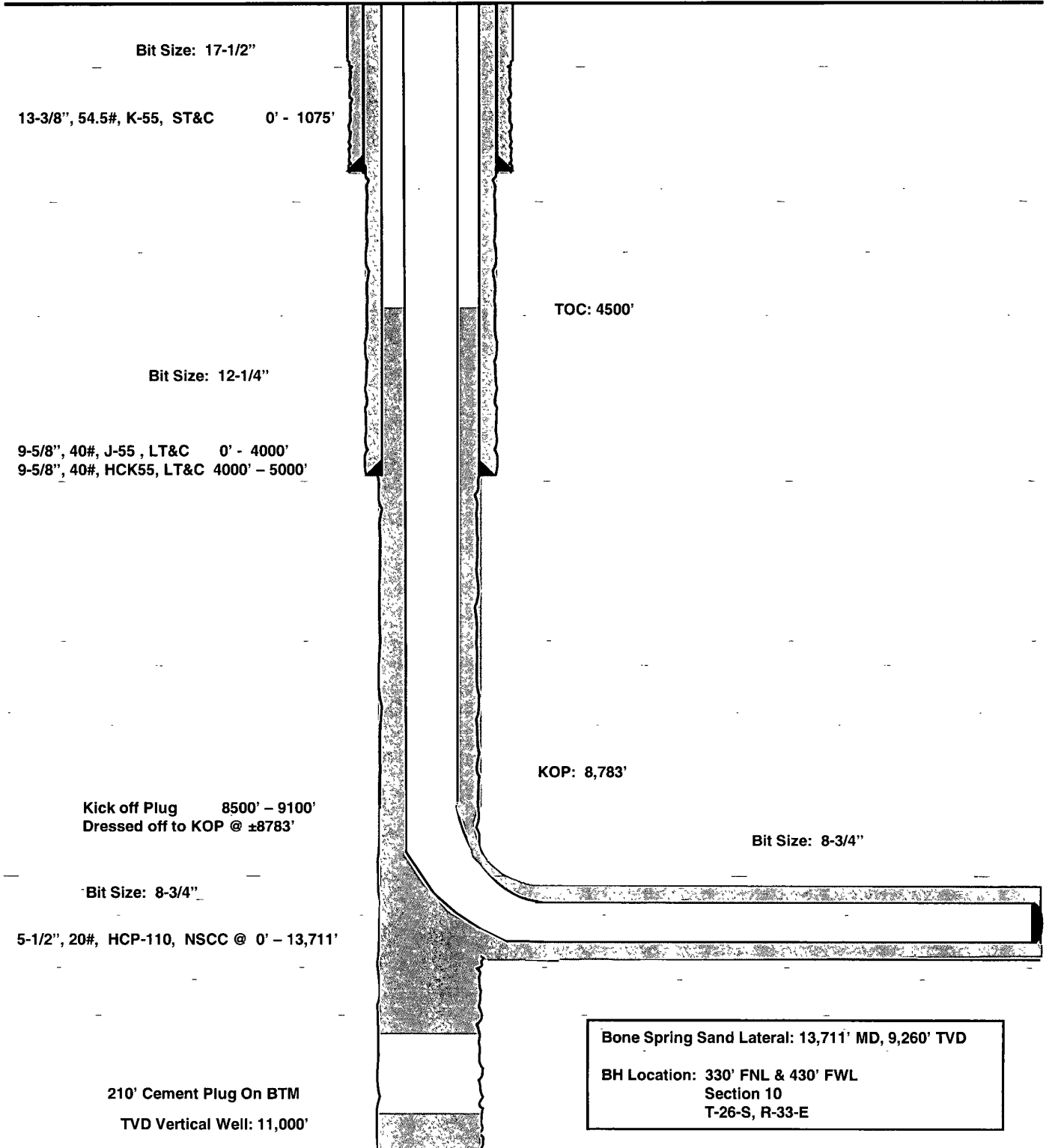
La Pinta 10 Fee #1H
Red Hills
Lea County, New Mexico

295' FSL
410' FWL
Section 10
T-26-S, R-33-E

Proposed Wellbore

API: 30-025-

KB: 3,335.6'
GL: 3,305.6'



Permit Information:

Well Name: La Pinta 10 Fee No. 1H

Location:

SL: 295' FSL & 410' FWL, Section 10, T-26-S, R-33-E, Lea Co., N.M.

BHL: 330' FNL & 430' 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	13,711'	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)
13,711'	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' - 13,711'	Cut Brine	9.0-9.5	28-34	N/c
Lateral				



EOG Resources, Inc.

Lea County
La Pinta 10 Fee
#1H
OH

RECEIVED

AUG 18 2010
HOBBSOCD

Plan: Plan #1

Pathfinder X & Y Planning Report

13 August, 2010

PATHFINDER

30-025-39881

Company:	EOG Resources, Inc	Local Co-ordinate Reference:	Well #1H
Project:	Lea County	TVD Reference:	WELL @ 3335.60ft (Original Well Elev)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3335.60ft (Original Well Elev)
Well:	#1H	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	
From: Map		Easting:		737,452.500 ft	
Position Uncertainty: 0'00 ft		Slot Radius:		"	
		Latitude:		32° 3' 5 136 N	
		Longitude:		103° 34' 0 935 W	
		Grid Convergence:		0.41 °	

Well		#1H				
Well Position	+N/-S	0.00 ft	Northing:	383,277.000 ft	Latitude:	32° 3' 5.136 N
	+E/-W	0.00 ft	Easting:	737,452.500 ft	Longitude:	103° 34' 0.935 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,305.60 ft

Wellbore						OH
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)	
	IGRF200510	08/13/2010	7 66	60 07	48,629	

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		359.84	

Survey Tool Program		Date 08/13/2010		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	13,710.67	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: #1H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference: Well #1H
 TVD Reference: WELL @ 3335.60ft (Original Well Elev)
 MD Reference: WELL @ 3335.60ft (Original Well Elev)
 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	-3,335.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
100.00	0.00	0.00	100.00	-3,235.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
200.00	0.00	0.00	200.00	-3,135.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
300.00	0.00	0.00	300.00	-3,035.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
400.00	0.00	0.00	400.00	-2,935.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
500.00	0.00	0.00	500.00	-2,835.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
600.00	0.00	0.00	600.00	-2,735.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
700.00	0.00	0.00	700.00	-2,635.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
800.00	0.00	0.00	800.00	-2,535.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
900.00	0.00	0.00	900.00	-2,435.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,000.00	0.00	0.00	1,000.00	-2,335.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,100.00	0.00	0.00	1,100.00	-2,235.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,200.00	0.00	0.00	1,200.00	-2,135.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,300.00	0.00	0.00	1,300.00	-2,035.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,400.00	0.00	0.00	1,400.00	-1,935.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,500.00	0.00	0.00	1,500.00	-1,835.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,600.00	0.00	0.00	1,600.00	-1,735.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,700.00	0.00	0.00	1,700.00	-1,635.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,800.00	0.00	0.00	1,800.00	-1,535.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
1,900.00	0.00	0.00	1,900.00	-1,435.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,000.00	0.00	0.00	2,000.00	-1,335.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,100.00	0.00	0.00	2,100.00	-1,235.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,200.00	0.00	0.00	2,200.00	-1,135.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,300.00	0.00	0.00	2,300.00	-1,035.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,400.00	0.00	0.00	2,400.00	-935.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,500.00	0.00	0.00	2,500.00	-835.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,600.00	0.00	0.00	2,600.00	-735.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50



Pathfinder
Pathfinder X & Y Planning Report



Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #1H
Project:	Lea County	TVD Reference:	WELL @ 3335.60ft (Original Well Elev)
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Well:	#1H	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	-635.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,800.00	0.00	0.00	2,800.00	-535.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
2,900.00	0.00	0.00	2,900.00	-435.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,000.00	0.00	0.00	3,000.00	-335.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,100.00	0.00	0.00	3,100.00	-235.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,200.00	0.00	0.00	3,200.00	-135.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,300.00	0.00	0.00	3,300.00	-35.60	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,400.00	0.00	0.00	3,400.00	64.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,500.00	0.00	0.00	3,500.00	164.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,600.00	0.00	0.00	3,600.00	264.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,700.00	0.00	0.00	3,700.00	364.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,800.00	0.00	0.00	3,800.00	464.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
3,900.00	0.00	0.00	3,900.00	564.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,000.00	0.00	0.00	4,000.00	664.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,100.00	0.00	0.00	4,100.00	764.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,200.00	0.00	0.00	4,200.00	864.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,300.00	0.00	0.00	4,300.00	964.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,400.00	0.00	0.00	4,400.00	1,064.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,500.00	0.00	0.00	4,500.00	1,164.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,600.00	0.00	0.00	4,600.00	1,264.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,700.00	0.00	0.00	4,700.00	1,364.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,800.00	0.00	0.00	4,800.00	1,464.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
4,900.00	0.00	0.00	4,900.00	1,564.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
5,000.00	0.00	0.00	5,000.00	1,664.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
5,100.00	0.00	0.00	5,100.00	1,764.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
5,200.00	0.00	0.00	5,200.00	1,864.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50
5,300.00	0.00	0.00	5,300.00	1,964.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50



Pathfinder
Pathfinder X & Y Planning Report



Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #1H
Project:	Lea County	TVD Reference:	WELL @ 3335.60ft (Original Well Elev)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3335.60ft (Original Well Elev)
Well:	#1H	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	2,064.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
5,500.00	0.00	0.00	5,500.00	2,164.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
5,600.00	0.00	0.00	5,600.00	2,264.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
5,700.00	0.00	0.00	5,700.00	2,364.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
5,800.00	0.00	0.00	5,800.00	2,464.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
5,900.00	0.00	0.00	5,900.00	2,564.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,000.00	0.00	0.00	6,000.00	2,664.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,100.00	0.00	0.00	6,100.00	2,764.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,200.00	0.00	0.00	6,200.00	2,864.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,300.00	0.00	0.00	6,300.00	2,964.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,400.00	0.00	0.00	6,400.00	3,064.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,500.00	0.00	0.00	6,500.00	3,164.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,600.00	0.00	0.00	6,600.00	3,264.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,700.00	0.00	0.00	6,700.00	3,364.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,800.00	0.00	0.00	6,800.00	3,464.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
6,900.00	0.00	0.00	6,900.00	3,564.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,000.00	0.00	0.00	7,000.00	3,664.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,100.00	0.00	0.00	7,100.00	3,764.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,200.00	0.00	0.00	7,200.00	3,864.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,300.00	0.00	0.00	7,300.00	3,964.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,400.00	0.00	0.00	7,400.00	4,064.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,500.00	0.00	0.00	7,500.00	4,164.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,600.00	0.00	0.00	7,600.00	4,264.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,700.00	0.00	0.00	7,700.00	4,364.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,800.00	0.00	0.00	7,800.00	4,464.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
7,900.00	0.00	0.00	7,900.00	4,564.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
8,000.00	0.00	0.00	8,000.00	4,664.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	



Pathfinder

Pathfinder X & Y Planning Report



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Project:	Lea County	TVD Reference:	WELL @ 3335.60ft (Original Well Elev)
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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	4,764.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
8,200.00	0.00	0.00	8,200.00	4,864.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
8,300.00	0.00	0.00	8,300.00	4,964.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
8,400.00	0.00	0.00	8,400.00	5,064.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
8,500.00	0.00	0.00	8,500.00	5,164.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
8,600.00	0.00	0.00	8,600.00	5,264.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
8,700.00	0.00	0.00	8,700.00	5,364.40	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
8,782.50	0.00	0.00	8,782.50	5,446.90	0.00	0.00	0.00	0.00	383,277.00	737,452.50	
KOP-8782.50°MD,0.00°INC,0.00°AZI,8782.50°TVD											
8,800.00	2.10	359.84	8,800.00	5,464.40	0.32	0.00	0.32	12.00	383,277.32	737,452.50	
8,825.00	5.10	359.84	8,824.94	5,489.34	1.89	-0.01	1.89	12.00	383,278.89	737,452.49	
8,850.00	8.10	359.84	8,849.78	5,514.18	4.76	-0.01	4.76	12.00	383,281.76	737,452.49	
8,875.00	11.10	359.84	8,874.42	5,538.82	8.93	-0.02	8.93	12.00	383,285.93	737,452.48	
8,900.00	14.10	359.84	8,898.82	5,563.22	14.38	-0.04	14.38	12.00	383,291.38	737,452.46	
8,925.00	17.10	359.84	8,922.89	5,587.29	21.11	-0.06	21.11	12.00	383,298.11	737,452.44	
8,950.00	20.10	359.84	8,946.59	5,610.99	29.08	-0.08	29.08	12.00	383,306.08	737,452.42	
8,975.00	23.10	359.84	8,969.83	5,634.23	38.28	-0.11	38.28	12.00	383,315.28	737,452.39	
9,000.00	26.10	359.84	8,992.56	5,656.96	48.68	-0.14	48.68	12.00	383,325.68	737,452.36	
9,025.00	29.10	359.84	9,014.71	5,679.11	60.26	-0.17	60.27	12.00	383,337.26	737,452.33	
9,050.00	32.10	359.84	9,036.23	5,700.63	72.99	-0.20	72.99	12.00	383,349.99	737,452.30	
9,075.00	35.10	359.84	9,057.05	5,721.45	86.82	-0.24	86.82	12.00	383,363.82	737,452.26	
9,100.00	38.10	359.84	9,077.12	5,741.52	101.72	-0.28	101.72	12.00	383,378.72	737,452.22	
9,125.00	41.10	359.84	9,096.38	5,760.78	117.66	-0.33	117.66	12.00	383,394.66	737,452.17	
9,150.00	44.10	359.84	9,114.78	5,779.18	134.58	-0.38	134.58	12.00	383,411.58	737,452.12	
9,175.00	47.10	359.84	9,132.27	5,796.67	152.43	-0.43	152.43	12.00	383,429.43	737,452.07	
9,200.00	50.10	359.84	9,148.80	5,813.20	171.18	-0.48	171.18	12.00	383,448.18	737,452.02	
9,225.00	53.10	359.84	9,164.33	5,828.73	190.77	-0.53	190.77	12.00	383,467.77	737,451.97	



Pathfinder

Pathfinder X & Y Planning Report



Company:	EOG Resources, Inc	Local Co-ordinate Reference:	Well #1H
Project:	Lea County	TVD Reference:	WELL @ 3335.60ft (Original Well Elev)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3335.60ft (Original Well Elev)
Well:	#1H	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)
9,250.00	56.10	359.84	9,178.81	5,843.21	211.15	-0.59	211.15	12.00	383,488.15	737,451.91
9,275.00	59.10	359.84	9,192.21	5,856.61	232.25	-0.65	232.25	12.00	383,509.25	737,451.85
9,300.00	62.10	359.84	9,204.48	5,868.88	254.03	-0.71	254.03	12.00	383,531.03	737,451.79
9,325.00	65.10	359.84	9,215.60	5,880.00	276.42	-0.77	276.42	12.00	383,553.42	737,451.73
9,350.00	68.09	359.84	9,225.53	5,889.93	299.36	-0.84	299.36	12.00	383,576.36	737,451.66
9,375.00	71.09	359.84	9,234.24	5,898.64	322.79	-0.90	322.79	12.00	383,599.79	737,451.60
9,400.00	74.09	359.84	9,241.72	5,906.12	346.64	-0.97	346.64	12.00	383,623.64	737,451.53
9,425.00	77.09	359.84	9,247.94	5,912.34	370.85	-1.04	370.85	12.00	383,647.85	737,451.46
9,450.00	80.09	359.84	9,252.88	5,917.28	395.35	-1.10	395.36	12.00	383,672.35	737,451.40
9,475.00	83.09	359.84	9,256.54	5,920.94	420.08	-1.17	420.08	12.00	383,697.08	737,451.33
9,500.00	86.09	359.84	9,258.89	5,923.29	444.97	-1.24	444.97	12.00	383,721.97	737,451.26
9,525.00	89.09	359.84	9,259.94	5,924.34	469.94	-1.31	469.95	12.00	383,746.94	737,451.19
9,532.56	90.00	359.84	9,260.00	5,924.40	477.50	-1.33	477.50	12.00	383,754.50	737,451.17
EOC-9532.56°MD,90.00°INC,359.84°AZI,9260.00°TVD,12.00°DLS,477.50°VS,477.50°N,-1.33°E										
9,600.00	90.00	359.84	9,260.00	5,924.40	544.94	-1.52	544.94	0.00	383,821.94	737,450.98
9,700.00	90.00	359.84	9,260.00	5,924.40	644.94	-1.80	644.94	0.00	383,921.94	737,450.70
9,800.00	90.00	359.84	9,260.00	5,924.40	744.94	-2.08	744.94	0.00	384,021.94	737,450.42
9,900.00	90.00	359.84	9,260.00	5,924.40	844.94	-2.36	844.94	0.00	384,121.94	737,450.14
10,000.00	90.00	359.84	9,260.00	5,924.40	944.94	-2.64	944.94	0.00	384,221.94	737,449.86
10,100.00	90.00	359.84	9,260.00	5,924.40	1,044.94	-2.92	1,044.94	0.00	384,321.94	737,449.58
10,200.00	90.00	359.84	9,260.00	5,924.40	1,144.94	-3.20	1,144.94	0.00	384,421.94	737,449.30
10,300.00	90.00	359.84	9,260.00	5,924.40	1,244.94	-3.48	1,244.94	0.00	384,521.94	737,449.02
10,400.00	90.00	359.84	9,260.00	5,924.40	1,344.94	-3.76	1,344.94	0.00	384,621.94	737,448.74
10,500.00	90.00	359.84	9,260.00	5,924.40	1,444.94	-4.04	1,444.94	0.00	384,721.94	737,448.46
10,600.00	90.00	359.84	9,260.00	5,924.40	1,544.94	-4.31	1,544.94	0.00	384,821.94	737,448.19
10,700.00	90.00	359.84	9,260.00	5,924.40	1,644.94	-4.59	1,644.94	0.00	384,921.94	737,447.91
10,800.00	90.00	359.84	9,260.00	5,924.40	1,744.94	-4.87	1,744.94	0.00	385,021.94	737,447.63



Pathfinder

Pathfinder X & Y Planning Report



Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #1H:
Project:	Lea County	TVD Reference:	WELL @ 3335.60ft (Original Well Elev)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3335.60ft (Original Well Elev)
Well:	#1H	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)
10,900.00	90.00	359.84	9,260.00	5,924.40	1,844.94	-5.15	1,844.94	0.00	385,121.94	737,447.35
11,000.00	90.00	359.84	9,260.00	5,924.40	1,944.94	-5.43	1,944.94	0.00	385,221.94	737,447.07
11,100.00	90.00	359.84	9,260.00	5,924.40	2,044.94	-5.71	2,044.94	0.00	385,321.94	737,446.79
11,200.00	90.00	359.84	9,260.00	5,924.40	2,144.94	-5.99	2,144.94	0.00	385,421.94	737,446.51
11,300.00	90.00	359.84	9,260.00	5,924.40	2,244.94	-6.27	2,244.94	0.00	385,521.94	737,446.23
11,400.00	90.00	359.84	9,260.00	5,924.40	2,344.94	-6.55	2,344.94	0.00	385,621.94	737,445.95
11,500.00	90.00	359.84	9,260.00	5,924.40	2,444.94	-6.83	2,444.94	0.00	385,721.94	737,445.67
11,600.00	90.00	359.84	9,260.00	5,924.40	2,544.93	-7.11	2,544.94	0.00	385,821.93	737,445.39
11,700.00	90.00	359.84	9,260.00	5,924.40	2,644.93	-7.39	2,644.94	0.00	385,921.93	737,445.11
11,800.00	90.00	359.84	9,260.00	5,924.40	2,744.93	-7.67	2,744.94	0.00	386,021.93	737,444.83
11,900.00	90.00	359.84	9,260.00	5,924.40	2,844.93	-7.94	2,844.94	0.00	386,121.93	737,444.56
12,000.00	90.00	359.84	9,260.00	5,924.40	2,944.93	-8.22	2,944.94	0.00	386,221.93	737,444.28
12,100.00	90.00	359.84	9,260.00	5,924.40	3,044.93	-8.50	3,044.94	0.00	386,321.93	737,444.00
12,200.00	90.00	359.84	9,260.00	5,924.40	3,144.93	-8.78	3,144.94	0.00	386,421.93	737,443.72
12,300.00	90.00	359.84	9,260.00	5,924.40	3,244.93	-9.06	3,244.94	0.00	386,521.93	737,443.44
12,400.00	90.00	359.84	9,260.00	5,924.40	3,344.93	-9.34	3,344.94	0.00	386,621.93	737,443.16
12,500.00	90.00	359.84	9,260.00	5,924.40	3,444.93	-9.62	3,444.94	0.00	386,721.93	737,442.88
12,600.00	90.00	359.84	9,260.00	5,924.40	3,544.93	-9.90	3,544.94	0.00	386,821.93	737,442.60
12,700.00	90.00	359.84	9,260.00	5,924.40	3,644.93	-10.18	3,644.94	0.00	386,921.93	737,442.32
12,800.00	90.00	359.84	9,260.00	5,924.40	3,744.93	-10.46	3,744.94	0.00	387,021.93	737,442.04
12,900.00	90.00	359.84	9,260.00	5,924.40	3,844.93	-10.74	3,844.94	0.00	387,121.93	737,441.76
13,000.00	90.00	359.84	9,260.00	5,924.40	3,944.93	-11.02	3,944.94	0.00	387,221.93	737,441.48
13,100.00	90.00	359.84	9,260.00	5,924.40	4,044.93	-11.30	4,044.94	0.00	387,321.93	737,441.20
13,200.00	90.00	359.84	9,260.00	5,924.40	4,144.93	-11.57	4,144.94	0.00	387,421.93	737,440.93
13,300.00	90.00	359.84	9,260.00	5,924.40	4,244.93	-11.85	4,244.94	0.00	387,521.93	737,440.65
13,400.00	90.00	359.84	9,260.00	5,924.40	4,344.93	-12.13	4,344.94	0.00	387,621.93	737,440.37
13,500.00	90.00	359.84	9,260.00	5,924.40	4,444.93	-12.41	4,444.94	0.00	387,721.93	737,440.09

Company:	EOG Resources, Inc	Local Co-ordinate Reference:	Well #1H
Project:	Lea County	TVD Reference:	WELL @ 3335 60ft (Original Well Elev)
Site:	La Pinta 10 Fee	MD Reference:	WELL @ 3335 60ft (Original Well Elev)
Well:	#1H	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)
13,600.00	90.00	359.84	9,260.00	5,924.40	4,544.93	-12.69	4,544.94	0.00	387,821.93	737,439.81
13,700.00	90.00	359.84	9,260.00	5,924.40	4,644.93	-12.97	4,644.94	0.00	387,921.93	737,439.53
13,710.67	90.00	359.84	9,260.00	5,924.40	4,655.60	-13.00	4,655.62	0.00	387,932.60	737,439.50
TD at 13710.67 - PBHL(LAP#1H)										

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(LAP#1H)	0.00	0.00	9,260.00	4,655.60	-12.80	387,932.600	737,439.700	32° 3' 51.207 N	103° 34' 0.700 W
- plan hits target center									
- Point									

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
8,782.50	8,782.50	0.00	0.00	KOP-8782.50'MD,0.00°INC,0.00°AZI,8782.50'TVD
9,532.56	9,260.00	477.50	-1.33	EOC-9532.56'MD,90.00°INC,359.84°AZI,9260.00'TVD,12.00°DLS, 477
13,710.67	9,260.00	4,655.60	-13.00	TD at 13710.67

Checked By: _____ Approved By: _____ Date: _____



Project: Lea County
Site: La Pinta 10 Fee
Well: #1H
Wellbore: OH
Plan: Plan #1 (#1H/OH)



Azimuths to Grid North
True North: -0.41°
Magnetic North: 7.25°

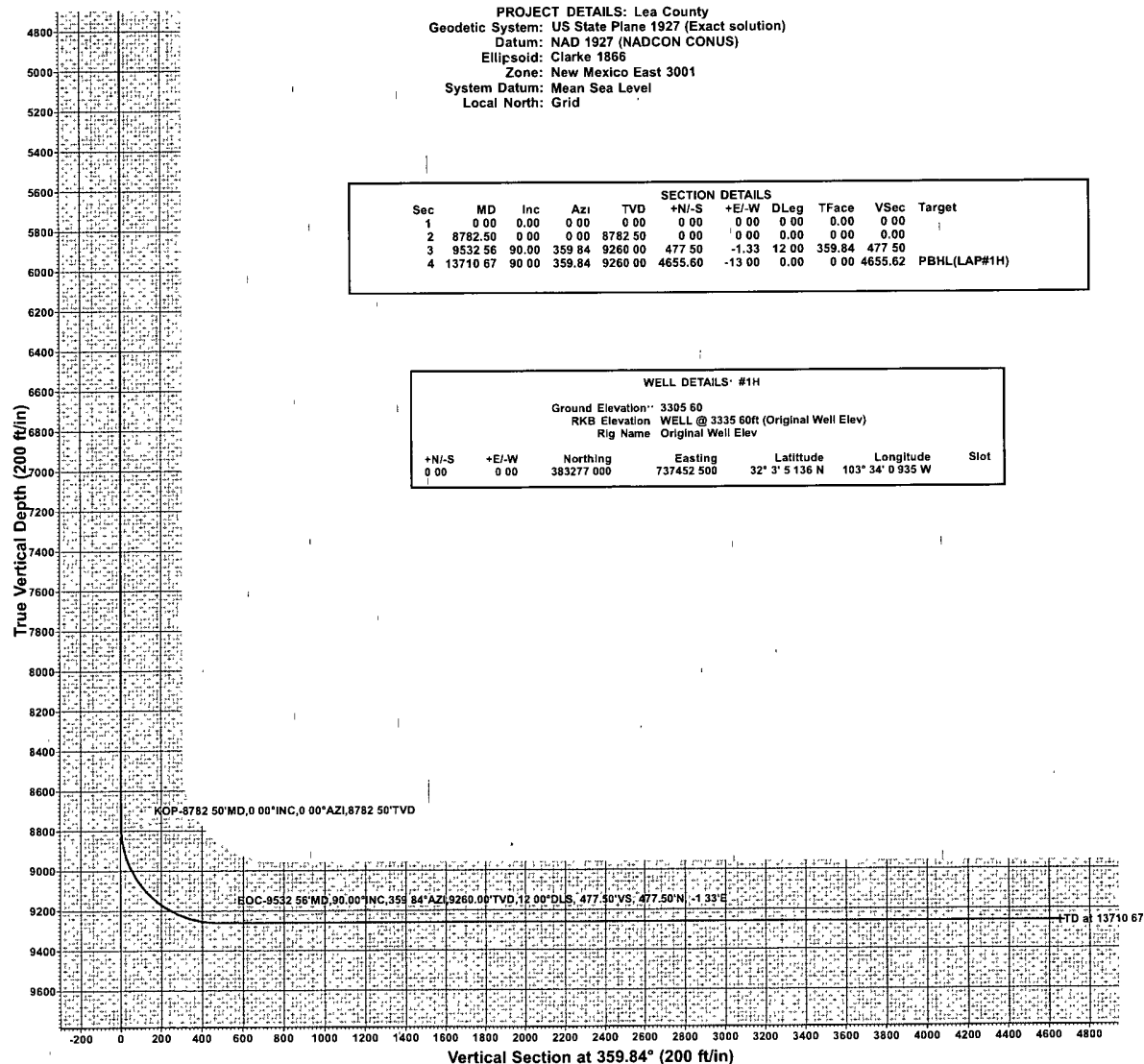
Magnetic Field
Strength: 48629.4nT
Dip Angle: 60.07°
Date: 08/13/2010
Model: IGRF200510

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

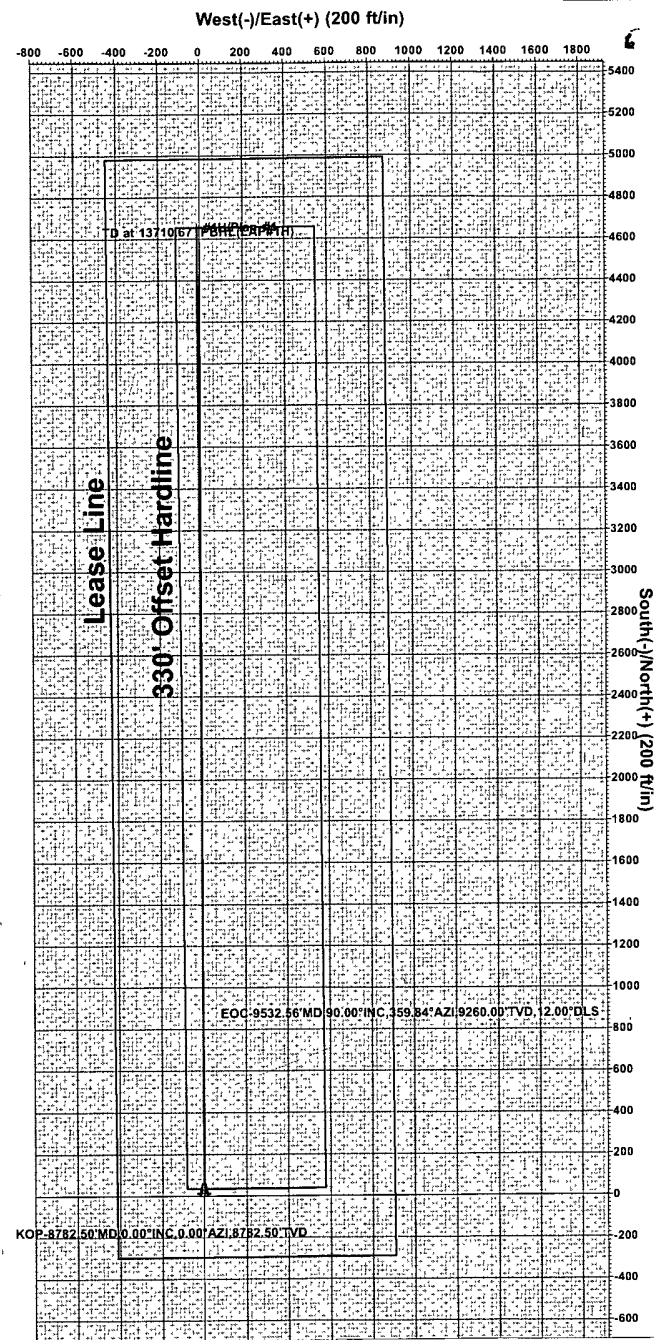
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	8782.50	0.00	0.00	8782.50	0.00	0.00	0.00	0.00	0.00	
3	9532.56	90.00	359.84	9260.00	477.50	-1.33	12.00	359.84	477.50	
4	13710.67	90.00	359.84	9260.00	4655.60	-13.00	0.00	0.00	4655.62	PBHL(LAP#1H)

WELL DETAILS: #1H

		Ground Elevation** 3305.60		RKB Elevation WELL @ 3335.60ft (Original Well Elev)			
		RKB Elevation		Original Well Elev			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
0.00	0.00	383277.000	737452.500	32° 3' 5.136 N	103° 34' 0.935 W		



PATHFINDER



Plan Plan #1 (#1H/OH)

Created By: Nate Bingham Date: 14 Aug, August 13 2010