



Project: Lea County
Site: Triste Draw
Well: Triste Draw 3 Fed #4
Wellbore: OH

Plan: Plan #1 (Triste Draw 3 Fed #4/OH)

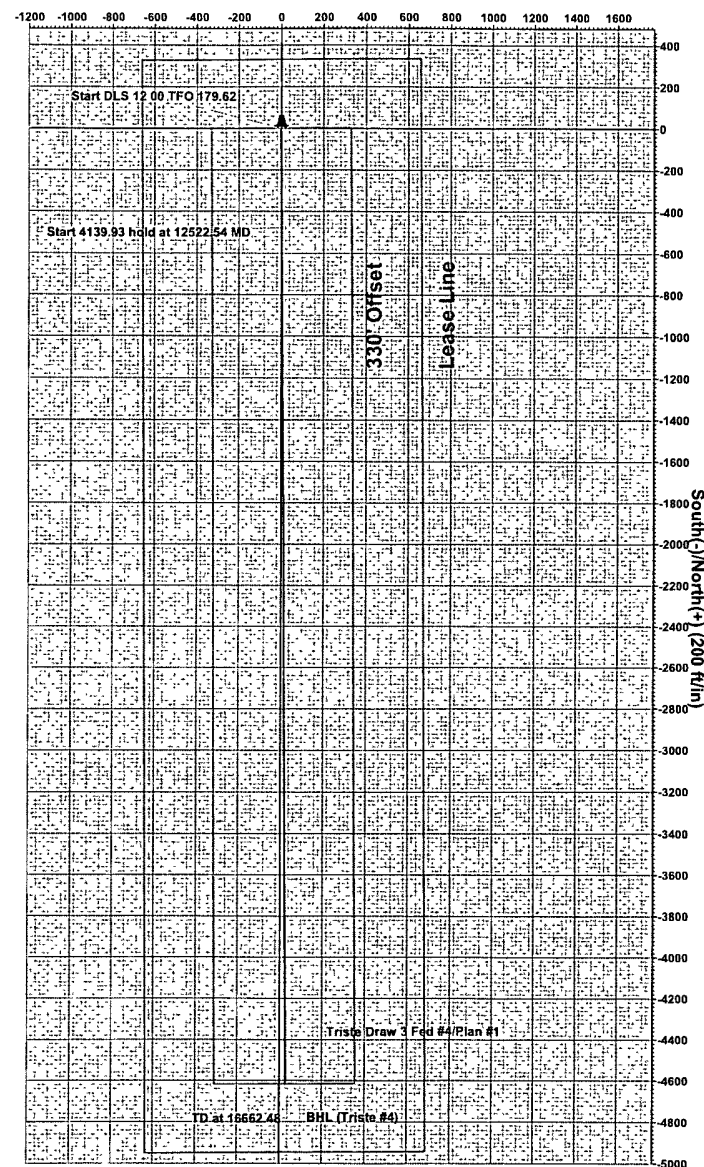


Azimuths to Grid North
True North: -0.41°
Magnetic North: 7.35°

Magnetic Field
Strength: 48774.4snT
Dip Angle: 60.19°
Date: 10/29/2009
Model: IGRF200510

PATHFINDER

West(-)/East(+) (200 ft/in)



WELL DETAILS. Triste Draw 3 Fed #4

Ground Elevation:: 3473.40
RKB Elevation: WELL @ 3491 40ft (Estimated RKB)
Rig Name: Estimated RKB

	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
	0.00	0.00	424907.200	740051 000	32° 9' 56.910 N	103° 33' 27.263 W	

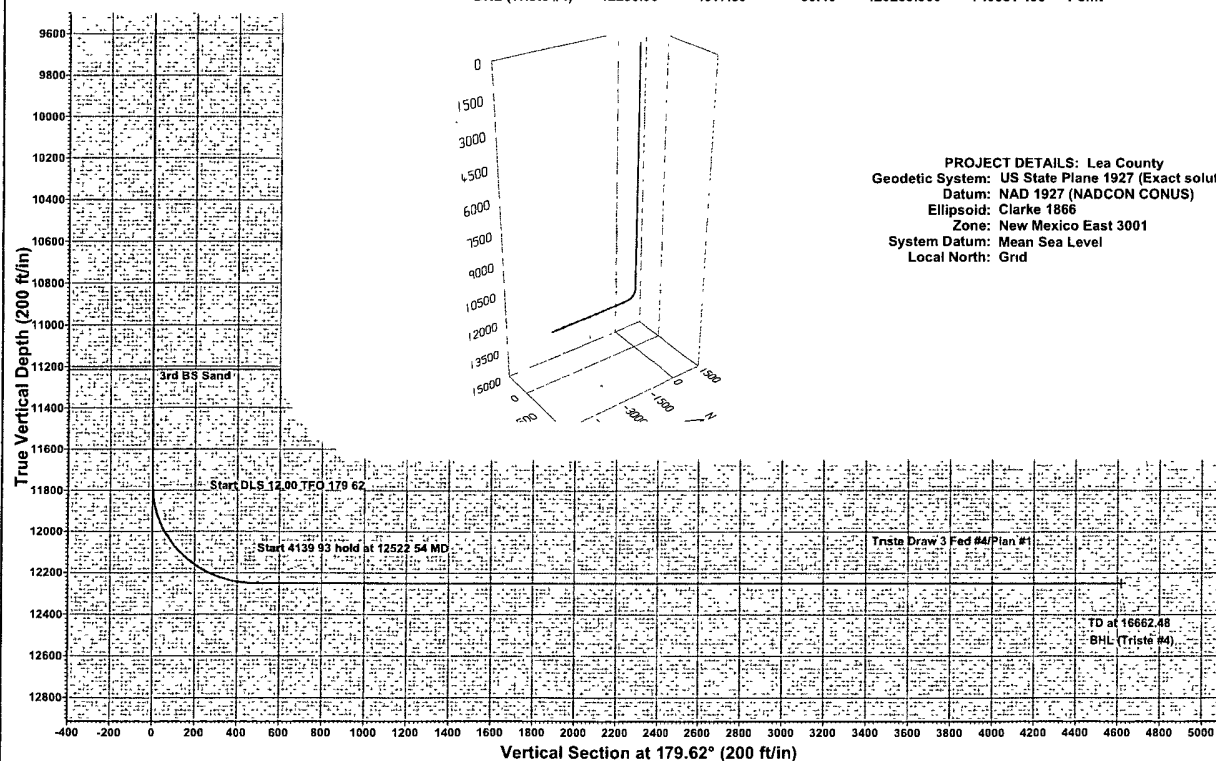
SECTION DETAILS

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	11772.54	0.00	0.00	11772.54	0.00	0.00	0.00	0.00	0.00	
3	12522.54	90.00	179.62	12250.00	-477.46	3 14	12.00	179.62	477.47	
4	16662.48	90.00	179.62	12250.00	-4617.30	30 40	0.00	0.00	4617.40	BHL (Triste #4)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL (Triste #4)	12250.00	-4617.30	30.40	420289.900	740081 400	Point

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



Plan: Plan #1 (Triste Draw 3 Fed #4/OH)

Created By: John Walker Date: 15 37, October 29 2009



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HOBBSOCD

EOG Resources, Inc.

Lea County

Triste Draw

Triste Draw 3 Fed #4

OH

Plan: Plan #1

Houston XY Report

29 October, 2009

PATHFINDER

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Triste Draw 3 Fed #4
Project:	Lea County	TVD Reference:	WELL @ 3491.40ft (Estimated RKB)
Site:	Triste Draw	MD Reference:	WELL @ 3491.40ft (Estimated RKB)
Well:	Triste Draw 3 Fed #4	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	Triste Draw		
Site Position:		Northing:	424,907.200 ft
From:	Map	Easting:	740,051.000 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 9' 56.910 N
		Longitude:	103° 33' 27.263 W
		Grid Convergence:	0.41 °

Well	Triste Draw 3 Fed #4		
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty		0.00 ft	Wellhead Elevation:
			ft
			Latitude:
			32° 9' 56.910 N
			Longitude:
			103° 33' 27.263 W
			Ground Level:
			3,473.40 ft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF200510	10/29/2009	(°)
			7.76
			Dip Angle
			(°)
			60.19
			Field Strength
			(nT)
			48,774

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			Direction
			(°)
			179.62

Survey Tool Program	Date 10/29/2009		
From	To	Survey (Wellbore)	Tool Name
(ft)	(ft)		
0.00	16,661.94	Plan #1 (OH)	MWD
			Description
			MWD - Standard



Pathfinder Energy Services
Houston XY Report



Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Triste Draw 3 Fed #4
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Site:	Triste Draw	MD Reference:	WELL @ 3491.40ft (Estimated RKB)
Well:	Triste Draw 3 Fed #4	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)	
0.00	0.00	0.00	0.00	-3,491.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
100.00	0.00	0.00	100.00	-3,391.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
200.00	0.00	0.00	200.00	-3,291.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
300.00	0.00	0.00	300.00	-3,191.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
400.00	0.00	0.00	400.00	-3,091.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
500.00	0.00	0.00	500.00	-2,991.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
600.00	0.00	0.00	600.00	-2,891.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
700.00	0.00	0.00	700.00	-2,791.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
800.00	0.00	0.00	800.00	-2,691.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
900.00	0.00	0.00	900.00	-2,591.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,000.00	0.00	0.00	1,000.00	-2,491.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,100.00	0.00	0.00	1,100.00	-2,391.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,200.00	0.00	0.00	1,200.00	-2,291.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,300.00	0.00	0.00	1,300.00	-2,191.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,400.00	0.00	0.00	1,400.00	-2,091.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,500.00	0.00	0.00	1,500.00	-1,991.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,600.00	0.00	0.00	1,600.00	-1,891.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,700.00	0.00	0.00	1,700.00	-1,791.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,800.00	0.00	0.00	1,800.00	-1,691.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
1,900.00	0.00	0.00	1,900.00	-1,591.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
2,000.00	0.00	0.00	2,000.00	-1,491.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
2,100.00	0.00	0.00	2,100.00	-1,391.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
2,200.00	0.00	0.00	2,200.00	-1,291.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
2,300.00	0.00	0.00	2,300.00	-1,191.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
2,400.00	0.00	0.00	2,400.00	-1,091.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
2,500.00	0.00	0.00	2,500.00	-991.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
2,600.00	0.00	0.00	2,600.00	-891.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00	



Pathfinder Energy Services
Houston XY Report



Company: EOG Resources, Inc.
Project: Lea County
Site: Triste Draw
Well: Triste Draw 3 Fed #4
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Triste Draw 3 Fed #4
TVD Reference: WELL @ 3491.40ft (Estimated RKB)
MD Reference: WELL @ 3491.40ft (Estimated RKB)
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)
2,700.00	0.00	0.00	2,700.00	-791.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00
2,800.00	0.00	0.00	2,800.00	-691.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00
2,900.00	0.00	0.00	2,900.00	-591.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,000.00	0.00	0.00	3,000.00	-491.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,100.00	0.00	0.00	3,100.00	-391.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,200.00	0.00	0.00	3,200.00	-291.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,300.00	0.00	0.00	3,300.00	-191.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,400.00	0.00	0.00	3,400.00	-91.40	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,500.00	0.00	0.00	3,500.00	8.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,600.00	0.00	0.00	3,600.00	108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,700.00	0.00	0.00	3,700.00	208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,800.00	0.00	0.00	3,800.00	308.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
3,900.00	0.00	0.00	3,900.00	408.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,000.00	0.00	0.00	4,000.00	508.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,100.00	0.00	0.00	4,100.00	608.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,200.00	0.00	0.00	4,200.00	708.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,300.00	0.00	0.00	4,300.00	808.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,400.00	0.00	0.00	4,400.00	908.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,500.00	0.00	0.00	4,500.00	1,008.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,600.00	0.00	0.00	4,600.00	1,108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,700.00	0.00	0.00	4,700.00	1,208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,800.00	0.00	0.00	4,800.00	1,308.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
4,900.00	0.00	0.00	4,900.00	1,408.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
5,000.00	0.00	0.00	5,000.00	1,508.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
5,100.00	0.00	0.00	5,100.00	1,608.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
5,200.00	0.00	0.00	5,200.00	1,708.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00
5,300.00	0.00	0.00	5,300.00	1,808.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00



Pathfinder Energy Services
Houston XY Report



Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Triste Draw 3 Fed #4
Project:	Lea County	TVD Reference:	WELL @ 3491.40ft (Estimated RKB)
Site:	Triste Draw	MD Reference:	WELL @ 3491.40ft (Estimated RKB)
Well:	Triste Draw 3 Fed #4	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
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5,400.00	0.00	0.00	5,400.00	1,908.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
5,500.00	0.00	0.00	5,500.00	2,008.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
5,600.00	0.00	0.00	5,600.00	2,108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
5,700.00	0.00	0.00	5,700.00	2,208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
5,800.00	0.00	0.00	5,800.00	2,308.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
5,900.00	0.00	0.00	5,900.00	2,408.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,000.00	0.00	0.00	6,000.00	2,508.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,100.00	0.00	0.00	6,100.00	2,608.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,200.00	0.00	0.00	6,200.00	2,708.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,300.00	0.00	0.00	6,300.00	2,808.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,400.00	0.00	0.00	6,400.00	2,908.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,500.00	0.00	0.00	6,500.00	3,008.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,600.00	0.00	0.00	6,600.00	3,108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,700.00	0.00	0.00	6,700.00	3,208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,800.00	0.00	0.00	6,800.00	3,308.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
6,900.00	0.00	0.00	6,900.00	3,408.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,000.00	0.00	0.00	7,000.00	3,508.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,100.00	0.00	0.00	7,100.00	3,608.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,200.00	0.00	0.00	7,200.00	3,708.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,300.00	0.00	0.00	7,300.00	3,808.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,400.00	0.00	0.00	7,400.00	3,908.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,500.00	0.00	0.00	7,500.00	4,008.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,600.00	0.00	0.00	7,600.00	4,108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,700.00	0.00	0.00	7,700.00	4,208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,800.00	0.00	0.00	7,800.00	4,308.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
7,900.00	0.00	0.00	7,900.00	4,408.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,000.00	0.00	0.00	8,000.00	4,508.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	



Pathfinder Energy Services
Houston XY Report



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8,100.00	0.00	0.00	8,100.00	4,608.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,200.00	0.00	0.00	8,200.00	4,708.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,300.00	0.00	0.00	8,300.00	4,808.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,400.00	0.00	0.00	8,400.00	4,908.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,500.00	0.00	0.00	8,500.00	5,008.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,600.00	0.00	0.00	8,600.00	5,108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,700.00	0.00	0.00	8,700.00	5,208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,800.00	0.00	0.00	8,800.00	5,308.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
8,900.00	0.00	0.00	8,900.00	5,408.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,000.00	0.00	0.00	9,000.00	5,508.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,100.00	0.00	0.00	9,100.00	5,608.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,200.00	0.00	0.00	9,200.00	5,708.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,300.00	0.00	0.00	9,300.00	5,808.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,400.00	0.00	0.00	9,400.00	5,908.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,500.00	0.00	0.00	9,500.00	6,008.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,600.00	0.00	0.00	9,600.00	6,108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,700.00	0.00	0.00	9,700.00	6,208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,800.00	0.00	0.00	9,800.00	6,308.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
9,900.00	0.00	0.00	9,900.00	6,408.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,000.00	0.00	0.00	10,000.00	6,508.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,100.00	0.00	0.00	10,100.00	6,608.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,200.00	0.00	0.00	10,200.00	6,708.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,300.00	0.00	0.00	10,300.00	6,808.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,400.00	0.00	0.00	10,400.00	6,908.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,500.00	0.00	0.00	10,500.00	7,008.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,600.00	0.00	0.00	10,600.00	7,108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,700.00	0.00	0.00	10,700.00	7,208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Triste Draw 3 Fed #4
Project:	Lea County	TVD Reference:	WELL @ 3491.40ft (Estimated RKB)
Site:	Triste Draw	MD Reference:	WELL @ 3491.40ft (Estimated RKB)
Well:	Triste Draw 3 Fed #4	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)	
10,800.00	0.00	0.00	10,800.00	7,308.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
10,900.00	0.00	0.00	10,900.00	7,408.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,000.00	0.00	0.00	11,000.00	7,508.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,100.00	0.00	0.00	11,100.00	7,608.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,200.00	0.00	0.00	11,200.00	7,708.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,216.00	0.00	0.00	11,216.00	7,724.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
3rd BS Sand											
11,300.00	0.00	0.00	11,300.00	7,808.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,400.00	0.00	0.00	11,400.00	7,908.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,500.00	0.00	0.00	11,500.00	8,008.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,600.00	0.00	0.00	11,600.00	8,108.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,700.00	0.00	0.00	11,700.00	8,208.60	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,772.54	0.00	0.00	11,772.54	8,281.14	0.00	0.00	0.00	0.00	424,907.20	740,051.00	
11,775.00	0.30	179.62	11,775.00	8,283.60	-0.01	0.00	0.01	12.00	424,907.19	740,051.00	
11,800.00	3.30	179.62	11,799.98	8,308.58	-0.79	0.01	0.79	12.00	424,906.41	740,051.01	
11,825.00	6.30	179.62	11,824.89	8,333.49	-2.88	0.02	2.88	12.00	424,904.32	740,051.02	
11,850.00	9.30	179.62	11,849.66	8,358.26	-6.27	0.04	6.27	12.00	424,900.93	740,051.04	
11,875.00	12.30	179.62	11,874.22	8,382.82	-10.95	0.07	10.95	12.00	424,896.25	740,051.07	
11,900.00	15.30	179.62	11,898.49	8,407.09	-16.91	0.11	16.91	12.00	424,890.29	740,051.11	
11,925.00	18.30	179.62	11,922.42	8,431.02	-24.13	0.16	24.13	12.00	424,883.07	740,051.16	
11,950.00	21.30	179.62	11,945.94	8,454.54	-32.60	0.21	32.60	12.00	424,874.60	740,051.21	
11,975.00	24.30	179.62	11,968.99	8,477.59	-42.28	0.28	42.29	12.00	424,864.92	740,051.28	
12,000.00	27.30	179.62	11,991.49	8,500.09	-53.16	0.35	53.16	12.00	424,854.04	740,051.35	
12,025.00	30.30	179.62	12,013.40	8,522.00	-65.20	0.43	65.20	12.00	424,842.00	740,051.43	
12,050.00	33.30	179.62	12,034.65	8,543.25	-78.37	0.52	78.37	12.00	424,828.83	740,051.52	
12,075.00	36.30	179.62	12,055.17	8,563.77	-92.64	0.61	92.64	12.00	424,814.56	740,051.61	
12,100.00	39.30	179.62	12,074.93	8,583.53	-107.96	0.71	107.96	12.00	424,799.24	740,051.71	



Pathfinder Energy Services
Houston XY Report



Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Triste Draw 3 Fed #4
Project:	Lea County	TVD Reference:	WELL @ 3491.40ft (Estimated RKB)
Site:	Triste Draw	MD Reference:	WELL @ 3491.40ft (Estimated RKB)
Well:	Triste Draw 3 Fed #4	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)	
12,125.00	42.30	179.62	12,093.85	8,602.45	-124.29	0.82	124.29	12.00	424,782.91	740,051.82	
12,150.00	45.30	179.62	12,111.89	8,620.49	-141.59	0.93	141.59	12.00	424,765.61	740,051.93	
12,175.00	48.30	179.62	12,129.01	8,637.61	-159.81	1.05	159.81	12.00	424,747.39	740,052.05	
12,200.00	51.30	179.62	12,145.14	8,653.74	-178.90	1.18	178.90	12.00	424,728.30	740,052.18	
12,225.00	54.30	179.62	12,160.26	8,668.86	-198.81	1.31	198.81	12.00	424,708.39	740,052.31	
12,250.00	57.30	179.62	12,174.31	8,682.91	-219.48	1.45	219.49	12.00	424,687.72	740,052.45	
12,275.00	60.30	179.62	12,187.26	8,695.86	-240.86	1.59	240.87	12.00	424,666.34	740,052.59	
12,300.00	63.30	179.62	12,199.08	8,707.68	-262.89	1.73	262.90	12.00	424,644.31	740,052.73	
12,325.00	66.30	179.62	12,209.72	8,718.32	-285.51	1.88	285.51	12.00	424,621.69	740,052.88	
12,350.00	69.30	179.62	12,219.17	8,727.77	-308.65	2.03	308.66	12.00	424,598.55	740,053.03	
12,375.00	72.30	179.62	12,227.39	8,735.99	-332.25	2.19	332.26	12.00	424,574.95	740,053.19	
12,400.00	75.30	179.62	12,234.37	8,742.97	-356.26	2.35	356.27	12.00	424,550.94	740,053.35	
12,425.00	78.30	179.62	12,240.08	8,748.68	-380.59	2.51	380.60	12.00	424,526.61	740,053.51	
12,450.00	81.30	179.62	12,244.51	8,753.11	-405.19	2.67	405.20	12.00	424,502.01	740,053.67	
12,475.00	84.30	179.62	12,247.64	8,756.24	-429.99	2.83	430.00	12.00	424,477.21	740,053.83	
12,500.00	87.30	179.62	12,249.47	8,758.07	-454.92	3.00	454.93	12.00	424,452.28	740,054.00	
12,522.54	90.00	179.62	12,250.00	8,758.60	-477.46	3.14	477.47	12.00	424,429.74	740,054.14	
12,600.00	90.00	179.62	12,250.00	8,758.60	-554.91	3.65	554.92	0.00	424,352.29	740,054.65	
12,700.00	90.00	179.62	12,250.00	8,758.60	-654.91	4.31	654.92	0.00	424,252.29	740,055.31	
12,800.00	90.00	179.62	12,250.00	8,758.60	-754.91	4.97	754.92	0.00	424,152.29	740,055.97	
12,900.00	90.00	179.62	12,250.00	8,758.60	-854.91	5.63	854.92	0.00	424,052.29	740,056.63	
13,000.00	90.00	179.62	12,250.00	8,758.60	-954.90	6.29	954.92	0.00	423,952.30	740,057.29	
13,100.00	90.00	179.62	12,250.00	8,758.60	-1,054.90	6.95	1,054.92	0.00	423,852.30	740,057.95	
13,200.00	90.00	179.62	12,250.00	8,758.60	-1,154.90	7.60	1,154.92	0.00	423,752.30	740,058.60	
13,300.00	90.00	179.62	12,250.00	8,758.60	-1,254.90	8.26	1,254.92	0.00	423,652.30	740,059.26	
13,400.00	90.00	179.62	12,250.00	8,758.60	-1,354.90	8.92	1,354.92	0.00	423,552.30	740,059.92	
13,500.00	90.00	179.62	12,250.00	8,758.60	-1,454.89	9.58	1,454.92	0.00	423,452.31	740,060.58	



Pathfinder Energy Services
Houston XY Report



Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Triste Draw 3 Fed #4
Project:	Lea County	TVD Reference:	WELL @ 3491.40ft (Estimated RKB)
Site:	Triste Draw	MD Reference:	WELL @ 3491.40ft (Estimated RKB)
Well:	Triste Draw 3 Fed #4	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)	D Leg (%/100ft)	Northing (ft)	Easting (ft)	
13,600.00	90.00	179.62	12,250.00	8,758.60	-1,554.89	10.24	1,554.92	0.00	423,352.31	740,061.24	
13,700.00	90.00	179.62	12,250.00	8,758.60	-1,654.89	10.90	1,654.92	0.00	423,252.31	740,061.90	
13,800.00	90.00	179.62	12,250.00	8,758.60	-1,754.89	11.55	1,754.92	0.00	423,152.31	740,062.55	
13,900.00	90.00	179.62	12,250.00	8,758.60	-1,854.88	12.21	1,854.92	0.00	423,052.32	740,063.21	
14,000.00	90.00	179.62	12,250.00	8,758.60	-1,954.88	12.87	1,954.92	0.00	422,952.32	740,063.87	
14,100.00	90.00	179.62	12,250.00	8,758.60	-2,054.88	13.53	2,054.92	0.00	422,852.32	740,064.53	
14,200.00	90.00	179.62	12,250.00	8,758.60	-2,154.88	14.19	2,154.92	0.00	422,752.32	740,065.19	
14,300.00	90.00	179.62	12,250.00	8,758.60	-2,254.88	14.85	2,254.92	0.00	422,652.32	740,065.85	
14,400.00	90.00	179.62	12,250.00	8,758.60	-2,354.87	15.50	2,354.92	0.00	422,552.33	740,066.50	
14,500.00	90.00	179.62	12,250.00	8,758.60	-2,454.87	16.16	2,454.92	0.00	422,452.33	740,067.16	
14,600.00	90.00	179.62	12,250.00	8,758.60	-2,554.87	16.82	2,554.92	0.00	422,352.33	740,067.82	
14,700.00	90.00	179.62	12,250.00	8,758.60	-2,654.87	17.48	2,654.92	0.00	422,252.33	740,068.48	
14,800.00	90.00	179.62	12,250.00	8,758.60	-2,754.87	18.14	2,754.92	0.00	422,152.33	740,069.14	
14,900.00	90.00	179.62	12,250.00	8,758.60	-2,854.86	18.80	2,854.92	0.00	422,052.34	740,069.80	
15,000.00	90.00	179.62	12,250.00	8,758.60	-2,954.86	19.45	2,954.92	0.00	421,952.34	740,070.45	
15,100.00	90.00	179.62	12,250.00	8,758.60	-3,054.86	20.11	3,054.92	0.00	421,852.34	740,071.11	
15,200.00	90.00	179.62	12,250.00	8,758.60	-3,154.86	20.77	3,154.92	0.00	421,752.34	740,071.77	
15,300.00	90.00	179.62	12,250.00	8,758.60	-3,254.85	21.43	3,254.92	0.00	421,652.35	740,072.43	
15,400.00	90.00	179.62	12,250.00	8,758.60	-3,354.85	22.09	3,354.92	0.00	421,552.35	740,073.09	
15,500.00	90.00	179.62	12,250.00	8,758.60	-3,454.85	22.75	3,454.92	0.00	421,452.35	740,073.75	
15,600.00	90.00	179.62	12,250.00	8,758.60	-3,554.85	23.40	3,554.92	0.00	421,352.35	740,074.40	
15,700.00	90.00	179.62	12,250.00	8,758.60	-3,654.85	24.06	3,654.92	0.00	421,252.35	740,075.06	
15,800.00	90.00	179.62	12,250.00	8,758.60	-3,754.84	24.72	3,754.92	0.00	421,152.36	740,075.72	
15,900.00	90.00	179.62	12,250.00	8,758.60	-3,854.84	25.38	3,854.92	0.00	421,052.36	740,076.38	
16,000.00	90.00	179.62	12,250.00	8,758.60	-3,954.84	26.04	3,954.92	0.00	420,952.36	740,077.04	
16,100.00	90.00	179.62	12,250.00	8,758.60	-4,054.84	26.70	4,054.92	0.00	420,852.36	740,077.70	
16,200.00	90.00	179.62	12,250.00	8,758.60	-4,154.83	27.36	4,154.92	0.00	420,752.37	740,078.36	

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well Triste Draw 3 Fed #4
Project:	Lea County	TVD Reference:	WELL @ 3491.40ft (Estimated RKB)
Site:	Triste Draw	MD Reference:	WELL @ 3491.40ft (Estimated RKB)
Well:	Triste Draw 3 Fed #4	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)	
16,300.00	90.00	179.62	12,250.00	8,758.60	-4,254.83	28.01	4,254.92	0.00	420,652.37	740,079.01	
16,400.00	90.00	179.62	12,250.00	8,758.60	-4,354.83	28.67	4,354.92	0.00	420,552.37	740,079.67	
16,500.00	90.00	179.62	12,250.00	8,758.60	-4,454.83	29.33	4,454.92	0.00	420,452.37	740,080.33	
16,600.00	90.00	179.62	12,250.00	8,758.60	-4,554.83	29.99	4,554.92	0.00	420,352.37	740,080.99	
16,662.48	90.00	179.62	12,250.00	8,758.60	-4,617.30	30.40	4,617.40	0.00	420,289.90	740,081.40	
BHL (Triste #4)											

Targets									
Target Name	hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	
BHL (Triste #4)	- plan hits target - Point	0.00	0.00	12,250.00	-4,617.30	30.40	420,289.900	740,081.400	32° 9' 11.217 N 103° 33' 27.297 W

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
11,216.00	11,216.00	3rd BS Sand		0.00		

Checked By: _____ Approved By: _____ Date: _____

PRODUCTION FACILITY LAYOUT

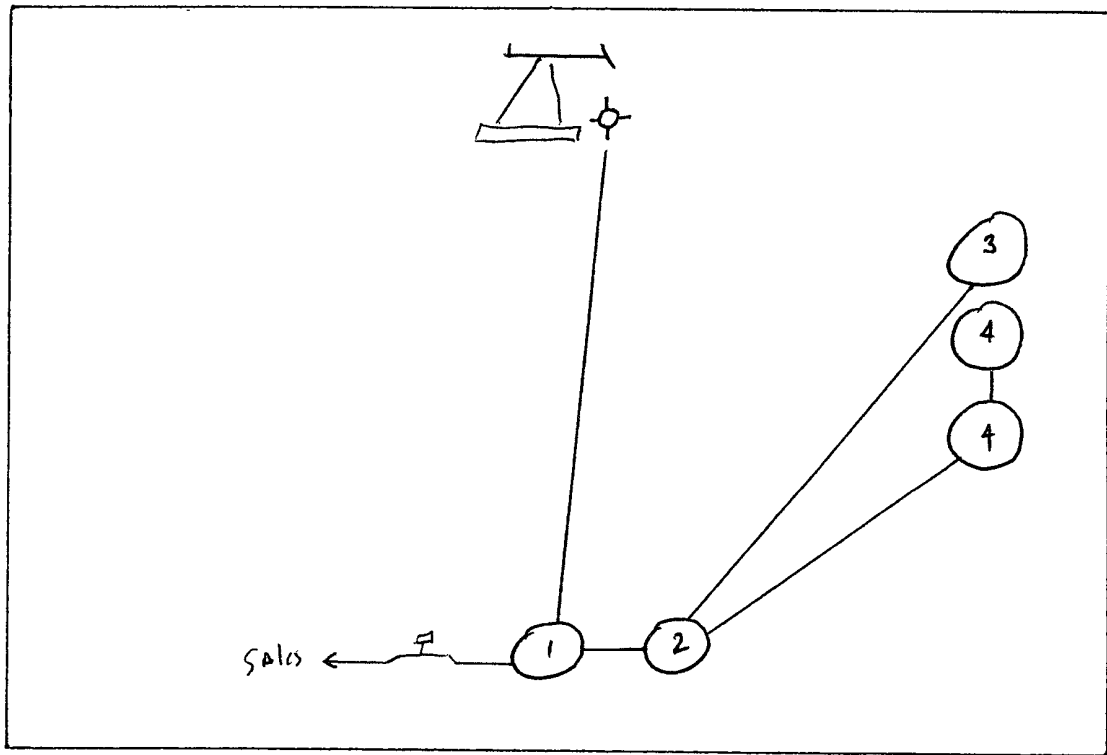
NE

WELL NAME: Triste Draw 3 F.d 4H

CLOSED LOOP
EQUIPMENT

Closed Loop
EQUIPMENT

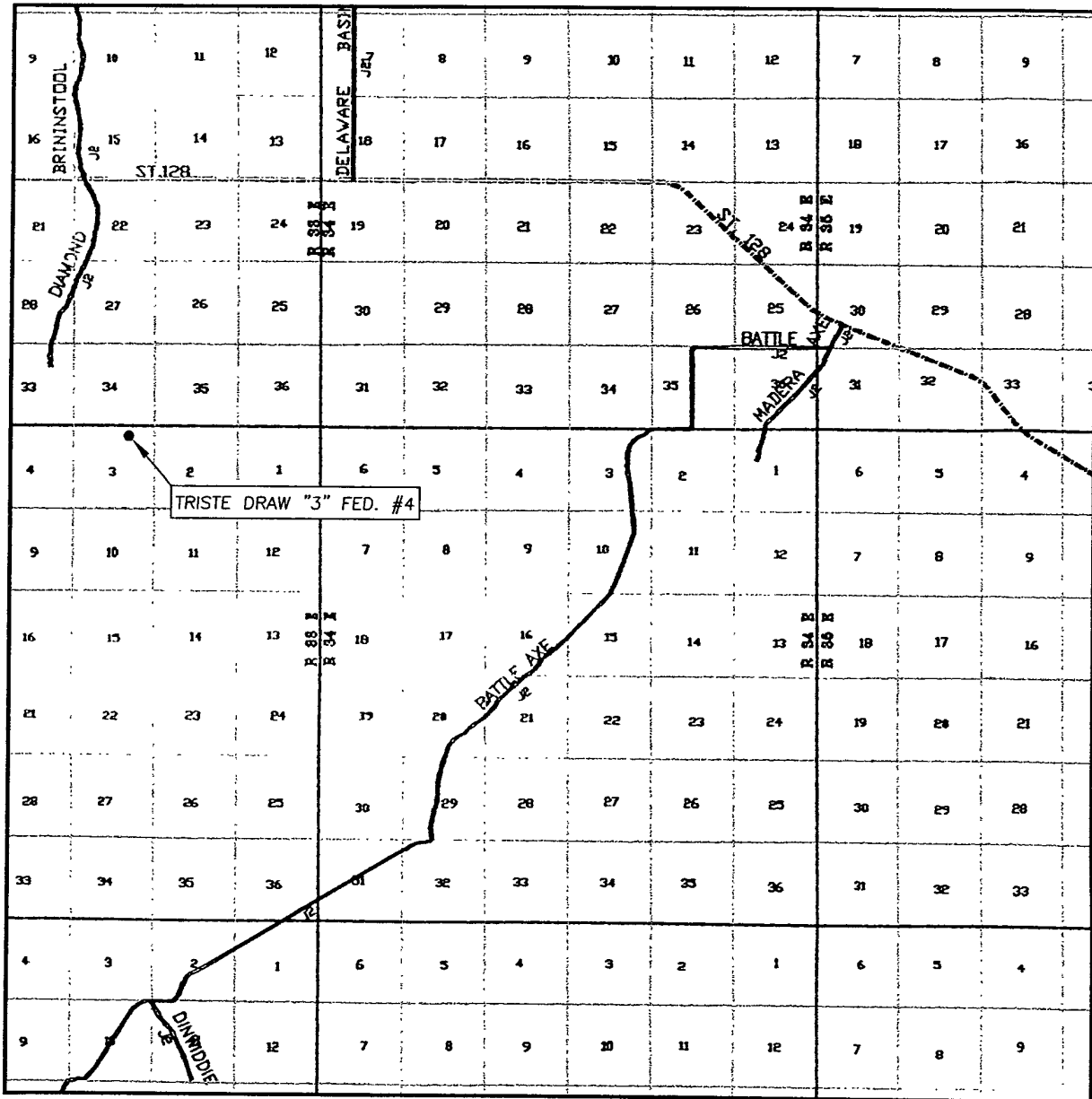
road



1. Separator
2. Heater
3. Water Tank
4. Oil Tank

"NOT TO SCALE"

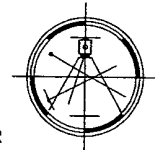
VICINITY MAP



SEC. 3 TWP. 25-S RGE. 33-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 330' FNL & 1980' FEL
 ELEVATION 3473.4'
 OPERATOR EOG RESOURCES INC.
 LEASE TRISTE DRAW "3" FED. #4H

SCALE: 1" = 2 MILES

Asel Surveying



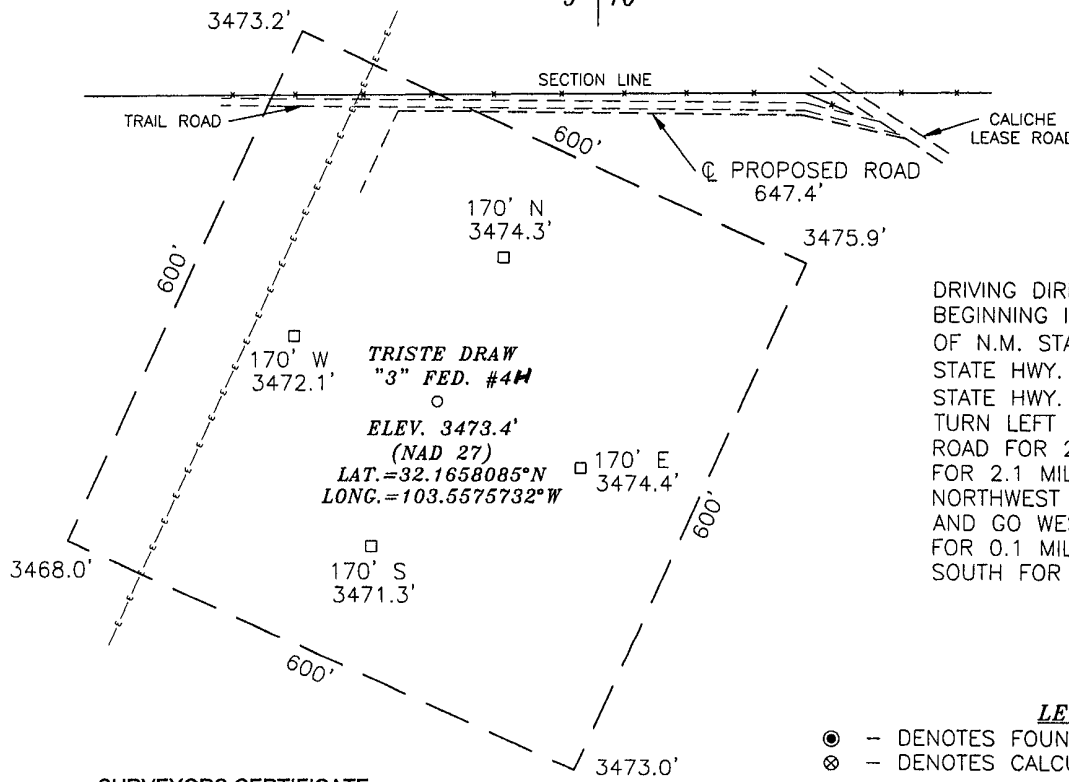
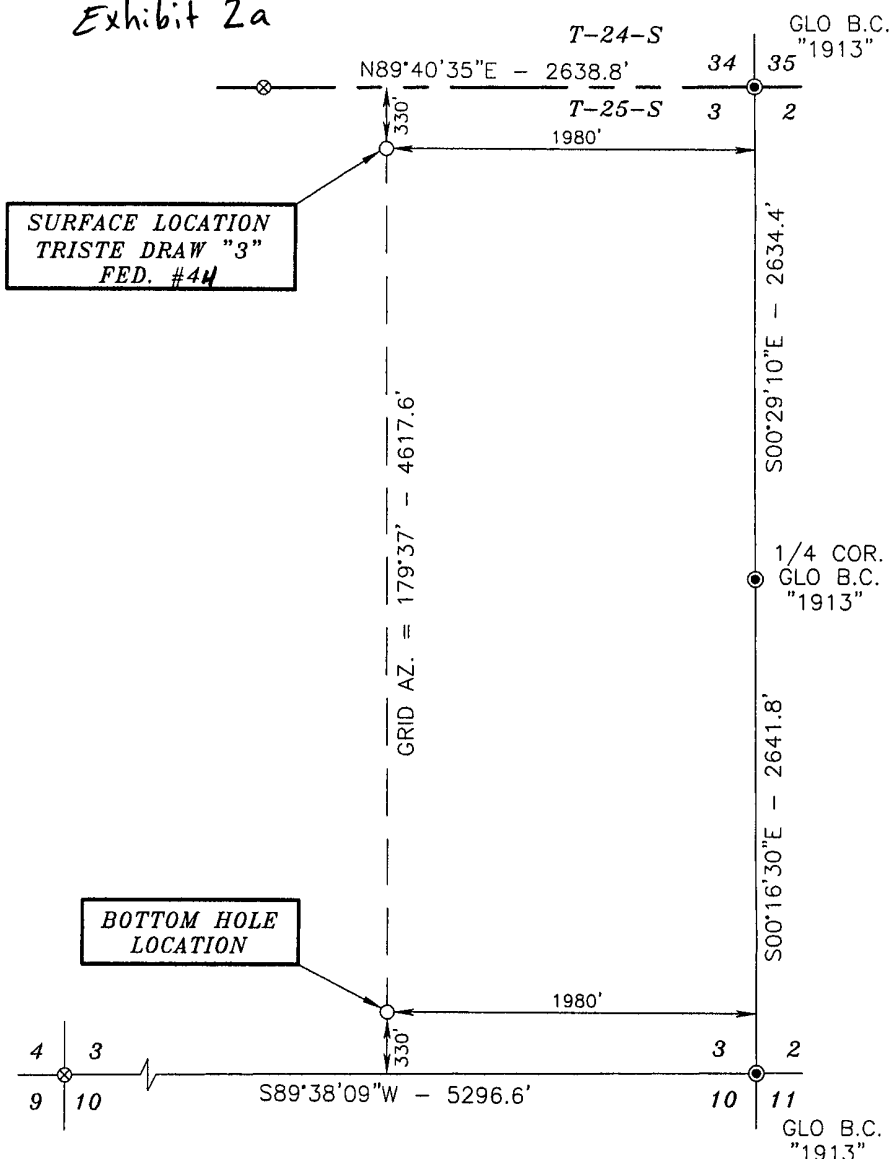
P.O. BOX 393 - 310 W. TAYLOR
 HOBBS, NEW MEXICO - 575-393-9146

DIRECTIONS BEGINNING IN JAL AT THE INTERSECTION OF N.M. STATE HWY. #18 AND N.M. STATE HWY. #128, GO WEST ON N.M. STATE HWY. #128 FOR 22.0 MILES, TURN LEFT AND GO SOUTH ON LEASE ROAD FOR 2.3 MILES, GO SOUTHWEST FOR 2.1 MILES, TURN RIGHT AND GO NORTHWEST FOR 0.9 MILES, TURN LEFT AND GO WEST ON PROPOSED NEW ROAD FOR 0.1 MILES, TURN LEFT AND GO SOUTH FOR 96 FEET TO LOCATION.

SECTION 3, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY
NEW MEXICO

Exhibit 2a

Basis of Bearings - GPS Geodetic Measurements
NM East Zone (83) North American Datum of 1983



DRIVING DIRECTIONS:
BEGINNING IN JAL AT THE INTERSECTION
OF N.M. STATE HWY. #18 AND N.M.
STATE HWY. #128, GO WEST ON N.M.
STATE HWY. #128 FOR 22.0 MILES,
TURN LEFT AND GO SOUTH ON LEASE
ROAD FOR 2.3 MILES, GO SOUTHWEST
FOR 2.1 MILES, TURN RIGHT AND GO
NORTHWEST FOR 0.9 MILES, TURN LEFT
AND GO WEST ON PROPOSED NEW ROAD
FOR 0.1 MILES, TURN LEFT AND GO
SOUTH FOR 96 FEET TO LOCATION.

LEGEND

- - DENOTES FOUND MONUMENT AS NOTED
- ⊗ - DENOTES CALCULATED CORNER

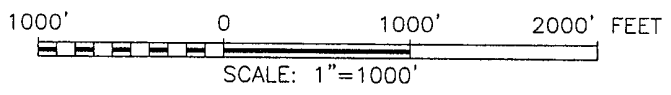
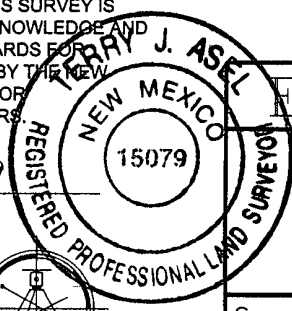
SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR
NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM
RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS
TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND
BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR
SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW
MEXICO STATE BOARD OF REGISTRATION FOR
PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 10/20/2009
Terry J. Asel N.M. R.P.S. No. 15079

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146



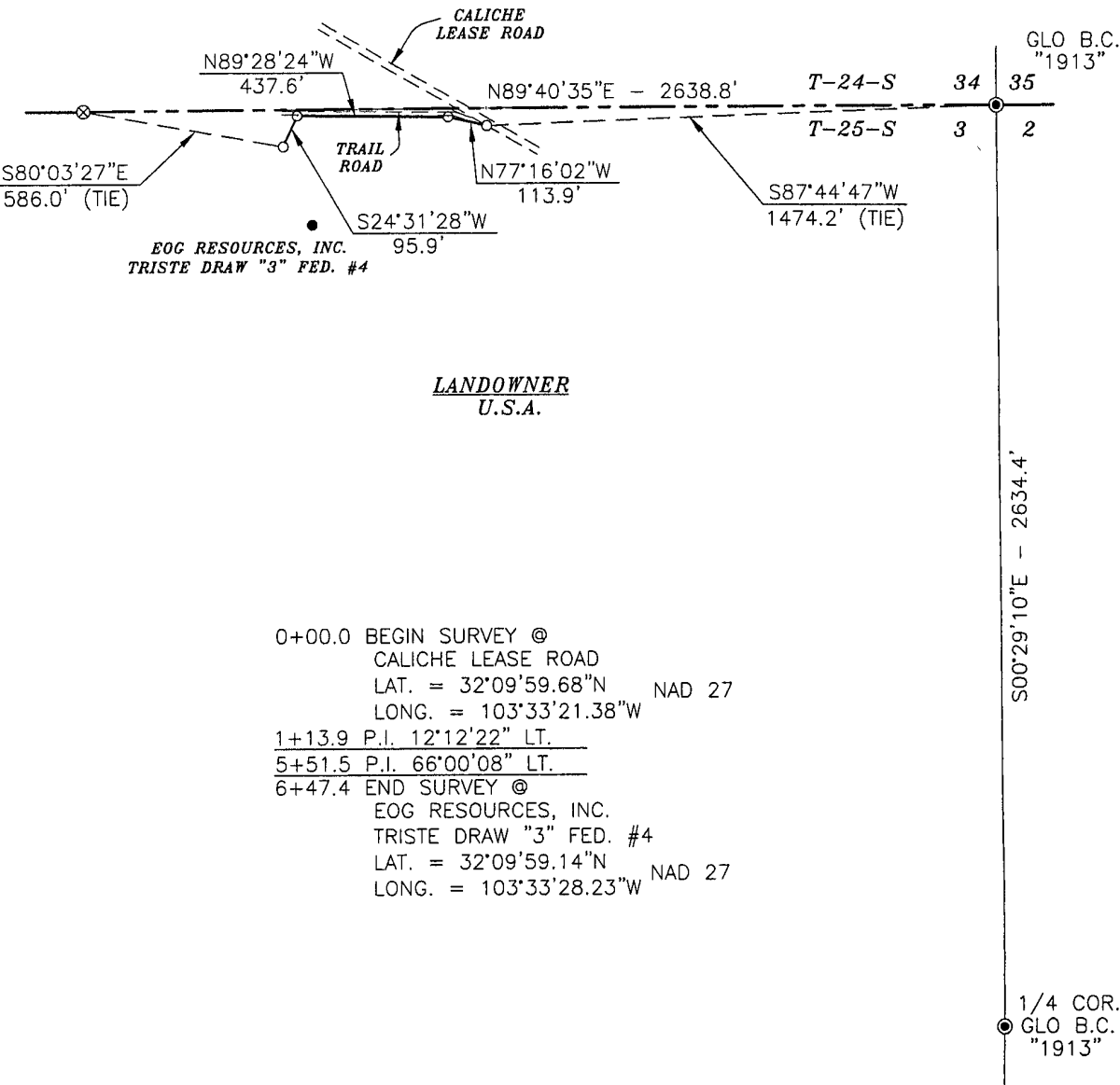
EOG RESOURCES, INC.

TRISTE DRAW "3" FED. #4H LOCATED AT
330' FNL & 1980' FEL IN SECTION 3,
TOWNSHIP 25 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 10/15/09	Sheet 1 of 1 Sheets
W.O. Number: 090909WL-b	Drawn By: KA Rev:
Date: 10/20/09	090909WL-b Scale: 1"=1000'

SECTION 3, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY
NEW MEXICO

Exhibit 26



DESCRIPTION

A STRIP OF LAND 20.0 FEET WIDE AND 647.4 FEET OR 0.123 MILES IN LENGTH CROSSING U.S.A. LAND IN SECTION 3, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 10.0 FEET LEFT AND 10.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.



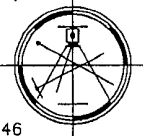
SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 10/22/2009
Terry J. Asel N.M. R.P.S. No. 15079

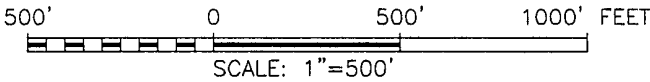
Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146



LEGEND

- - DENOTES FOUND MONUMENT AS NOTED
- ⊗ - DENOTES CALCULATED CORNER



EOG RESOURCES, INC.

SURVEY FOR A ROAD EASEMENT
CROSSING U.S.A. LAND IN SECTION 3,
TOWNSHIP 25 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 10/15/09	Sheet 1 of 1 Sheets
W.O. Number: 091015RD	Drawn By: KA
Date: 10/20/09	091015RD.DWG Scale: 1"=500'

apeake
3547

Yates Pet. et al
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V 8-647
\$43123

HBC
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Nearburg
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(Sa. Roy)
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Ridge, et al
(A) 1000
TD 15, 694

EOG Res.
LQ 4558
N/2 HBC

EOG Res.
HBP
19858

(HNG)
Hobbs
Ridge, et al
(A) 1000
TD 15, 694

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Yates Pet. et al
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TRISTE DRAW

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TRISTE DRAW
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U.S.

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V 7323
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Yates Pet. et al
4 1 2010
V 7363
33787

State

Yates Pet. et al
4 1 2010
V 7378
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EOG Res.
(OXY)
V 4331

EOG Res.
V 4619

EOG Res.
19858

EOG Res.
LQ 4438

KIRKIN
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Hill & Meeker
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TD 5133
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Baberwell serv
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Hollywood
Pet. Inc.
(Francis)
to base of
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(Kaiser)
Francis
17779

Enron
Diamond
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TD 5560
DIA 10 26 59

Enron
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Triste Draw "3" Fed #2
(11.2 MI.)

Triste Draw "3" Fed #4H

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Tom Brown, Inc.
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Enron
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State

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Enron
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20 Fed.
TD 14200

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EOG Res.
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EOG Res.
HBP
19858

EOG Res.
HBP
19858

U.S. M
Rimington XL

U.S. M
Briggsdale XL

State

U.S. M
Briggsdale XL

U.S. M
Briggsdale XL

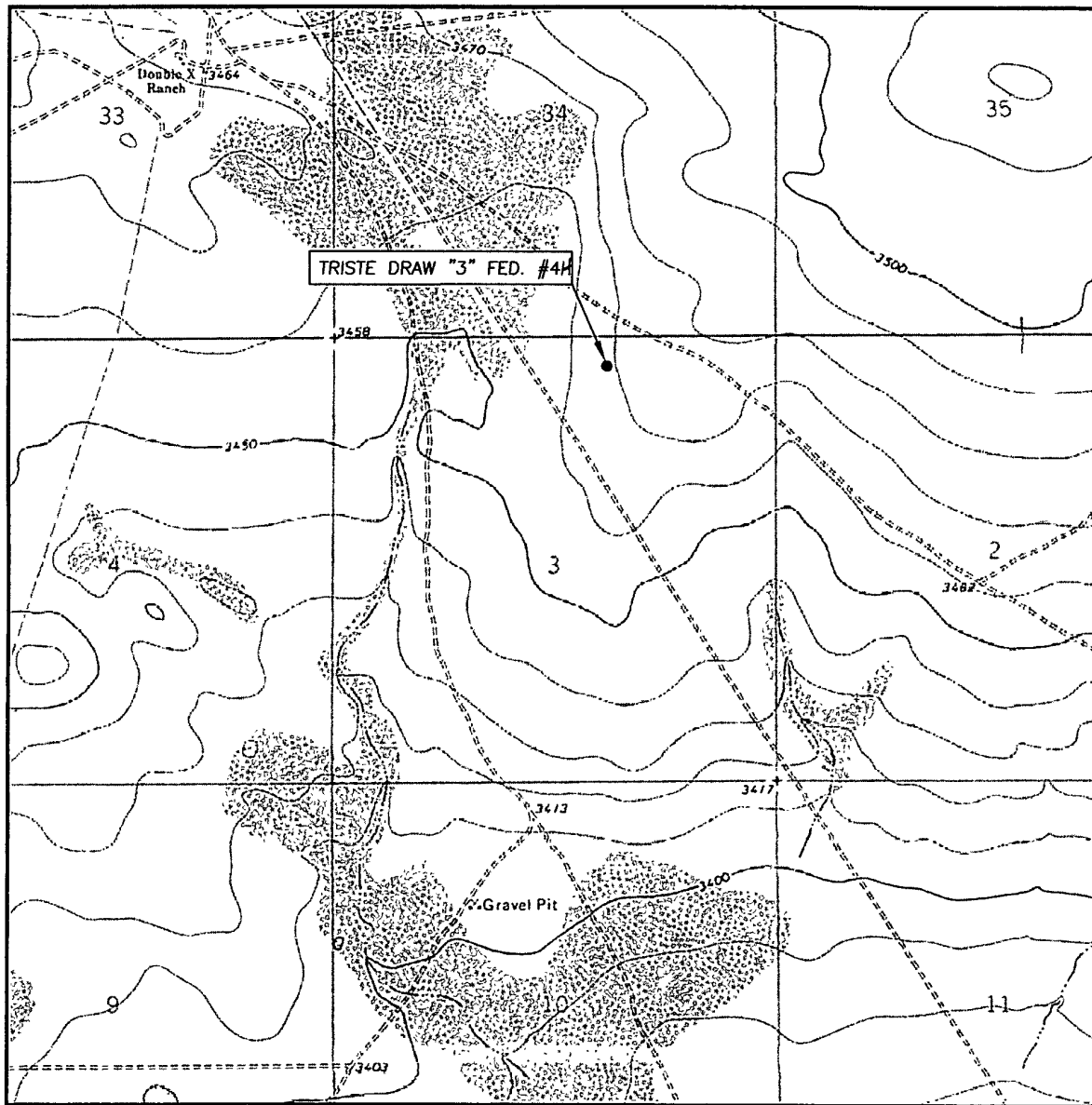
U.S. M
Briggsdale XL

U.S. M
Briggsdale XL

U.S. M
Briggsdale XL

U.S. M
Briggsdale XL

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

SEC. 3 TWP. 25-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FNL & 1980' FEL

ELEVATION 3473.4'

OPERATOR EOG RESOURCES INC.

LEASE TRISTE DRAW "3" FED. #4H

U.S.G.S. TOPOGRAPHIC MAP
BELL LAKE, N.M.

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

