

HOBBS OGD
AUG 29 2011UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

ATS-11-753

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

Split Estate

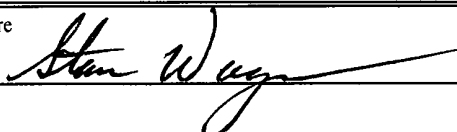
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work ☒ DRILL ☐ REENTER		5. Lease Serial No. NM 122622 (BHL)
1b. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG Resources Inc.		7. Unit or CA Agreement Name and No.
3a. Address P.O. Box 2267 Midland, Texas 79702		8. Lease Name and Well No. Endurance 36 State Com 2H
3b. Phone No. (include area code) 432-686-3689		9. API Well No. 30-025-40258
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 330' FSL & 1760' FWL, U/L F (SHL) Sec 36 At proposed prod. zone 330' FNL & 1760' FWL, U/L C (BHL) Sec 25		10. Field and Pool, or Exploration Undesignated, Bone Spring
14. Distance in miles and direction from nearest town or post office* Approximately +/- 27 miles Southwest from Jal NM		11. Sec., T, R, M, or Blk and Survey of Area Sec 36, T26S, R33E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 330'	16. No. of Acres in lease 1640 Fed, 303 St.	17. Spacing Unit dedicated to this well 240 ac.
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1430' to 36-3H	19. Proposed Depth 16625' M - 9700' V	20. BLM/BIA Bond No. on file NM 2308
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3333' GL	22. Approximate date work will start* 9/1/2011	23. Estimated duration 25 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM |

25. Signature 	Name (Printed/Typed) Stan Wagner	Date 6/7/11
Title Regulatory Analyst		
Approved by (Signature)	Name (Printed/Typed)	Date
Title FIELD MANAGER		
Office CARLSBAD FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

Carlsbad Controlled Water Basin

KZ 09/01/2011

SEE ATTACHED FOR
CONDITIONS OF APPROVALApproval Subject to General Requirements
& Special Stipulations Attached

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

AUG 29 2011

API Number 30-025-40258		Pool Code 7280		Pool Name Undesignated; Bone Spring	
Property Code 38129		Property Name ENDURANCE "36" STATE COM			Well Number 2H
OGRID No. 7377		Operator Name EOG RESOURCES, INC.			Elevation 3333.1'

Surface Location

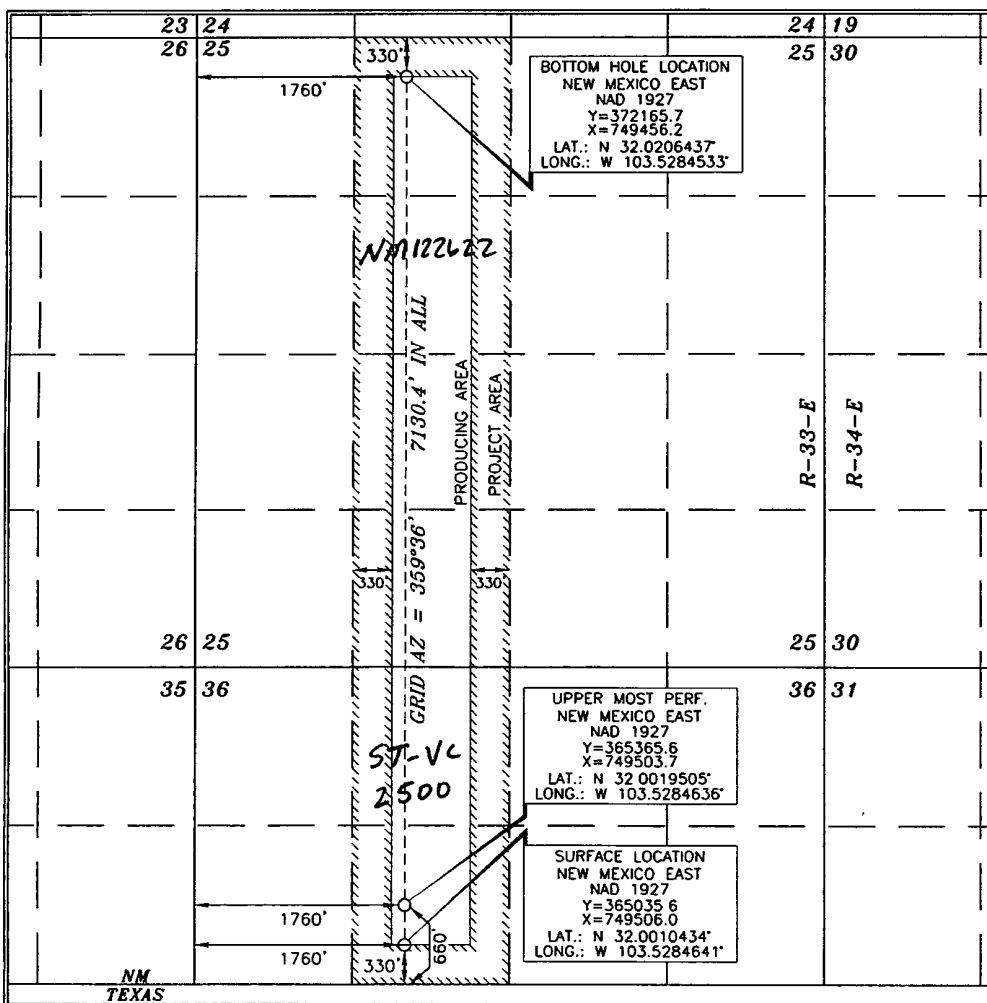
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	36	26 SOUTH	33 EAST, N.M.P.M.		330'	SOUTH	1760'	WEST	LEA

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
C	25	26 SOUTH	33 EAST, N.M.P.M.		330'	NORTH	1760'	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

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. Ganton
Signature Date
5/1/2011
Printed Name

SURVEYOR CERTIFICATION

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

15079
APRIL 7 2011
Date of Survey
Signature and Seal of Professional Surveyor
Terry G. Ganton 4/21/2011
Certificate Number 15079

WO# 110407WL-a (KA)

EOG RESOURCES, INC.
ENDURANCE 36 STATE COM NO. 2H

HOBBS OCD

AUG 29 2011

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

RECEIVED

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	780'
Top of Salt	1,400'
Base of Salt	4,975'
Lamar	5,215'
Bell Canyon	5,240'
Brushy Canyon	7,800'
Bone Spring Lime	9,433'
TD	9,700'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	0- 400'	Fresh Water
Brushy Canyon	7,800'	Oil
Bone Spring Lime	9,433'	Oil

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 13.375" casing at ~~950'~~ and circulating cement back to surface.

4. CASING PROGRAM - NEW

See COA

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 - 950' 915'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4,000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	4,000' - 5,100' 5,100'	9.625"	40#	HCK55	LTC	1.125	1.25	1.60
8.75"	0'-16,625'	5.500"	20#	P110 or HCP110	NSCC	1.125	1.25	1.60

EOG RESOURCES, INC.
ENDURANCE 36 STATE COM NO. 2H

Cementing Program:

Depth	No. Sacks	Wt. lb/gal	Yld Ft ³ /ft	Slurry Description
950' 915	400	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ surface)
	300	14.8	1.34	Tail: Class C + 0.005 pps Static Free + 2% CaCl ₂ + 0.25 pps CelloFlake + 0.005 gps FP-6L
5,100'	1100	12.7	2.22	Lead: Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ surface)
	200	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
16,625'	150	10.8	3.67	Lead: 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 + 2.90% R-21 + 8.00 lb/sk LCM-1 + 0.005 lb/sk Static Free (TOC @ 3500')
	425	11.8	2.38	Middle: 50:50:10 Class 'H' + 0.80% FL-52 + 0.45% ASA-301 + 0.40% SMS + 2.00% Salt + 3.00 lb/sx LCM-1 + 0.20% R-21 + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
	1900	14.2	1.28	Tail: 50:50:2 Class 'H' + 0.65% FL-52 + 0.20% CD-32 + 0.15% SMS + 2.00% Salt + 0.10% R-3 + 0.005 lb/sk Static Free

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a double ram-type (5,000 psi WP) preventer and an annular preventer (5000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.

3000 psi BOPE is adequate for this application. Due to the 3000 psi BOPE requirement no FIT tests are planned.

Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 3000/ 250 psig and the annular preventer to 2500/ 250 psig.

Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 3000/ 250 psig and the annular preventer to 2500/ 250 psig.

EOG RESOURCES, INC.
ENDURANCE 36 STATE COM NO. 2H

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

The applicable depths and properties of the drilling fluid systems are as follows. Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 980 915	Fresh Water Gel	8.6-8.8	28-34	N/c
980' - 5,100'	Saturated Brine	10.0-10.2	28-34	N/c
5,100' - 9,222'	Cut Brine Water	8.5-9.3	28-34	N/c
9,222' - 16,625' Lateral	Cut Brine Water	9.0-9.5	28-34	N/c

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) A mud logging unit will be continuously monitoring drill penetration rate and hydrocarbon shows from intermediate casing point to TD.
- (D) H₂S monitoring and detection equipment will be utilized from surface casing point to TD.

8. LOGGING, TESTING AND CORING PROGRAM: *See COA*

Open-hole logging is not anticipated in the 8-3/4" open hole section. The logging suites scheduled for this hole section are listed below:

GR-CCL

Will be run in cased hole during completions phase of operations.

EOG RESOURCES, INC.
ENDURANCE 36 STATE COM NO. 2H

**9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND
POTENTIAL HAZARDS:**

The estimated bottom-hole temperature (BHT) at TD is 162 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 4200 psig. No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. No major loss circulation zones have been reported in offsetting wells.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 60-90 days will be required for completion and testing before a decision is made to install permanent facilities.

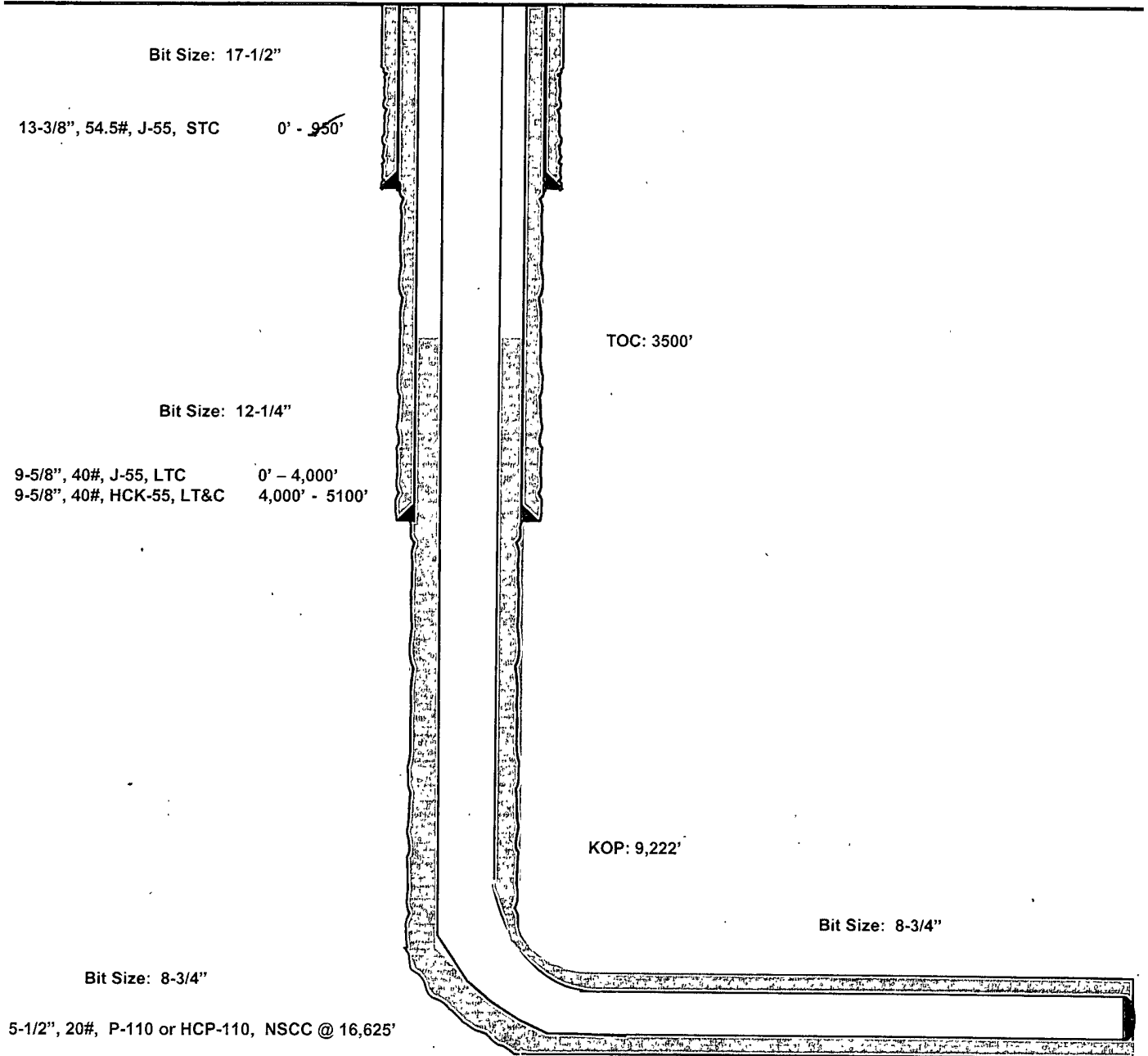
Endurance 36 State Com #2H
Red Hills
Lea County, New Mexico

330' FSL
1760' FWL
Section 36
T-26-S, R-33-E

Proposed Wellbore

API: 30-025-*****

KB: 3,363.1'
GL: 3,333.1'



Bone Spring Sand Lateral: 16,625' MD, 9,700' TVD

BH Location: 330' FNL & 1760' FWL
Section 25
T-26-S, R-33-E



Project: Lea County
 Site: Endurance "36" State Com
 Well: #2H
 Wellbore: OH
 Plan: Plan 1 (#2H/OH)

PATHFINDER
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SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0 00	0.00	0 00	0 00	0.00	0.00	0.00	0.00	0.00	
9222.54	0.00	0.00	9222.54	0 00	0 00	0 00	0.00	0.00	
9972.54	90.00	359.60	9700.00	477.45	-3.33	12 00	359.60	477.47	
16625.35	90 00	359 60	9700.00	7130.10	-49.80	0.00	0.00	7130.27	BHL(End 36 St Com. 2H)

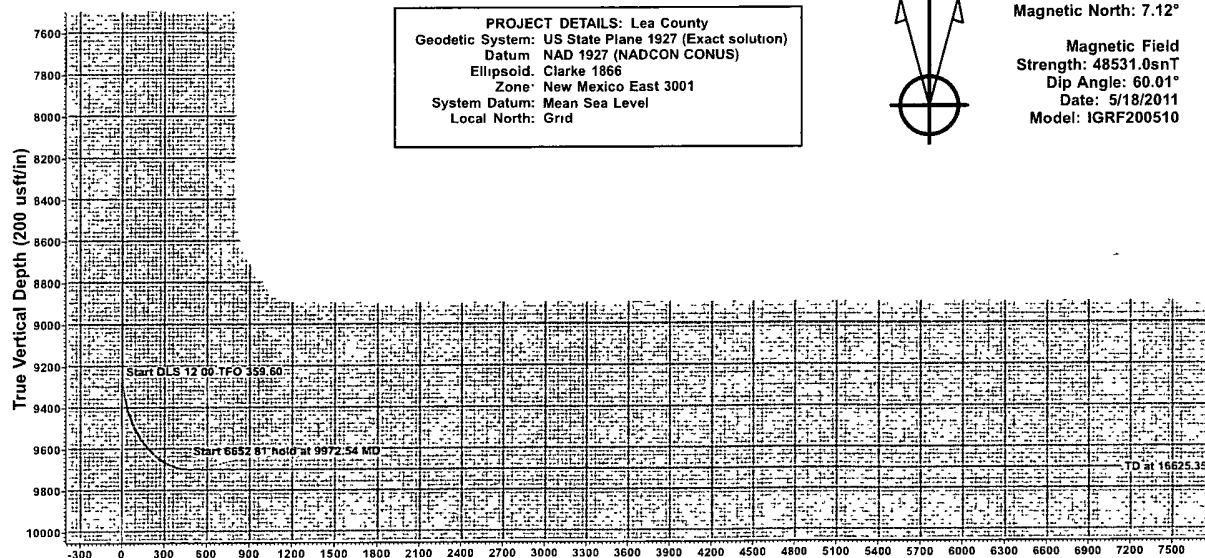
WELL DETAILS #2H						
Ground Elevation: 3333.10						
RKB Elevation: WELL @ 3363.10usft (Original Well Elev)						
Rig Name: Original Well Elev						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0 00	0 00	365035.600	749506.000	32° 0' 3.756 N	103° 31' 42.471 W	

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

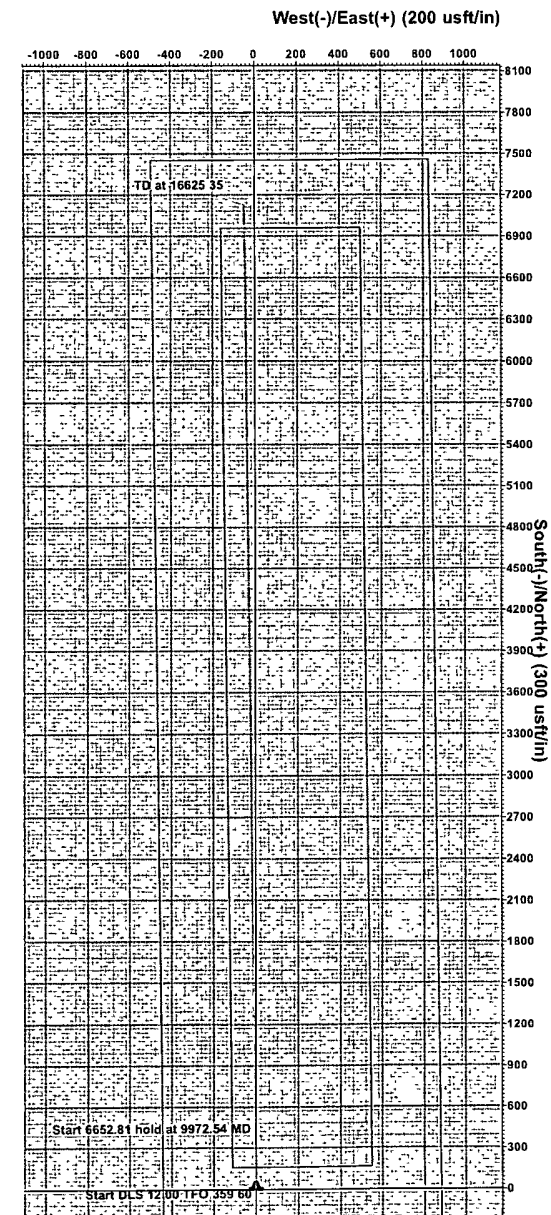


Azimuths to Grid North
 True North: -0.43°
 Magnetic North: 7.12°

Magnetic Field
 Strength: 48531.0nT
 Dip Angle: 60.01°
 Date: 5/18/2011
 Model: IGRF200510



Vertical Section at 359.60° (300 usft/in)



Plan: Plan 1 (#2H/OH)
 Created By: Nate Bingham Date: 14 43, May 18 2011
 Checked: _____ Date: _____



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EOG Resources, Inc.

Lea County

Endurance "36" State Com

#2H

OH

HOBBS OCD

AUG 29 2011

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Plan: Plan 1

Pathfinder X&Y Report

18 May, 2011



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Pathfinder

Pathfinder X&Y Report



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Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3363.10usft (Original Well Elev)
Site:	Endurance "36" State Com	MD Reference:	WELL @ 3363.10usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan 1	Database:	EDM 5000.1 Single User Db

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:	Endurance "36" State Com		
Site Position:		Northing:	365,058.800 usft
From:	Map	Easting:	752,606.200 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 0' 3.755 N
		Longitude:	103° 31' 6.469 W
		Grid Convergence:	0.43 °

Well:	#2H				
Well Position	+N/-S	0.00 usft	Northing:	365,035.600 usft	
	+E/-W	0.00 usft	Easting:	749,506.000 usft	
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,333.10 usft
				Latitude:	32° 0' 3.756 N
				Longitude:	103° 31' 42.471 W

Wellbore:	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	5/18/2011	7.55	60.01	48,531

Design:	Plan 1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	359.60

Survey Tool Program	Date 5/18/2011			
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
0 00	16,625.04	Plan 1 (OH)	MWD	MWD - Standard



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Pathfinder
Pathfinder X&Y Report



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Company: EOG Resources, Inc.
Project: Lea County
Site: Endurance "36"-State Com
Well: #2H
Wellbore: OH
Design: Plan 1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3363.10usft (Original Well Elev)
WELL @ 3363.10usft (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V.Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	-3,363.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
100.00	0.00	0.00	100.00	-3,263.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
200.00	0.00	0.00	200.00	-3,163.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
300.00	0.00	0.00	300.00	-3,063.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
400.00	0.00	0.00	400.00	-2,963.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
500.00	0.00	0.00	500.00	-2,863.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
600.00	0.00	0.00	600.00	-2,763.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
700.00	0.00	0.00	700.00	-2,663.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
800.00	0.00	0.00	800.00	-2,563.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
900.00	0.00	0.00	900.00	-2,463.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,000.00	0.00	0.00	1,000.00	-2,363.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,100.00	0.00	0.00	1,100.00	-2,263.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,200.00	0.00	0.00	1,200.00	-2,163.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,300.00	0.00	0.00	1,300.00	-2,063.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,400.00	0.00	0.00	1,400.00	-1,963.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,500.00	0.00	0.00	1,500.00	-1,863.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,600.00	0.00	0.00	1,600.00	-1,763.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,700.00	0.00	0.00	1,700.00	-1,663.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,800.00	0.00	0.00	1,800.00	-1,563.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
1,900.00	0.00	0.00	1,900.00	-1,463.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
2,000.00	0.00	0.00	2,000.00	-1,363.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
2,100.00	0.00	0.00	2,100.00	-1,263.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
2,200.00	0.00	0.00	2,200.00	-1,163.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
2,300.00	0.00	0.00	2,300.00	-1,063.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
2,400.00	0.00	0.00	2,400.00	-963.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
2,500.00	0.00	0.00	2,500.00	-863.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00
2,600.00	0.00	0.00	2,600.00	-763.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00



A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



A Schlumberger Company

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3363.10usft (Original Well Elev)
Site:	Endurance "36" State Com	MD Reference:	WELL @ 3363.10usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan 1	Database:	EDM 5000.1 Single-User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
2,700.00	0.00	0.00	2,700.00	-663.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
2,800.00	0.00	0.00	2,800.00	-563.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
2,900.00	0.00	0.00	2,900.00	-463.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,000.00	0.00	0.00	3,000.00	-363.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,100.00	0.00	0.00	3,100.00	-263.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,200.00	0.00	0.00	3,200.00	-163.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,300.00	0.00	0.00	3,300.00	-63.10	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,400.00	0.00	0.00	3,400.00	36.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,500.00	0.00	0.00	3,500.00	136.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,600.00	0.00	0.00	3,600.00	236.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,700.00	0.00	0.00	3,700.00	336.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,800.00	0.00	0.00	3,800.00	436.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
3,900.00	0.00	0.00	3,900.00	536.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,000.00	0.00	0.00	4,000.00	636.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,100.00	0.00	0.00	4,100.00	736.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,200.00	0.00	0.00	4,200.00	836.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,300.00	0.00	0.00	4,300.00	936.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,400.00	0.00	0.00	4,400.00	1,036.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,500.00	0.00	0.00	4,500.00	1,136.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,600.00	0.00	0.00	4,600.00	1,236.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,700.00	0.00	0.00	4,700.00	1,336.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,800.00	0.00	0.00	4,800.00	1,436.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
4,900.00	0.00	0.00	4,900.00	1,536.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
5,000.00	0.00	0.00	5,000.00	1,636.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
5,100.00	0.00	0.00	5,100.00	1,736.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
5,200.00	0.00	0.00	5,200.00	1,836.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	
5,300.00	0.00	0.00	5,300.00	1,936.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00	



A Schlumberger Company

Pathfinder
Pathfinder X&Y Report



A Schlumberger Company

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3363.10usft (Original Well Elev)
Site:	Endurance "36" State Com	MD Reference:	WELL @ 3363.10usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan 1	Database:	EDM 5000.1 Single User Db

Planned Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVPSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)		
5,400.00	0.00	0 00	5,400.00	2,036.90	0.00	0 00	0.00	0.00	365,035.60	749,506.00		
5,500.00	0.00	0.00	5,500.00	2,136.90	0.00	0.00	0.00	0 00	365,035.60	749,506.00		
5,600.00	0 00	0.00	5,600.00	2,236.90	0.00	0.00	0 00	0.00	365,035.60	749,506.00		
5,700 00	0.00	0.00	5,700.00	2,336.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
5,800.00	0.00	0.00	5,800.00	2,436 90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
5,900.00	0.00	0 00	5,900.00	2,536.90	0 00	0.00	0.00	0.00	365,035 60	749,506.00		
6,000.00	0.00	0.00	6,000.00	2,636.90	0.00	0.00	0 00	0.00	365,035.60	749,506.00		
6,100.00	0.00	0.00	6,100.00	2,736.90	0.00	0 00	0 00	0.00	365,035.60	749,506.00		
6,200.00	0.00	0.00	6,200.00	2,836.90	0.00	0 00	0.00	0.00	365,035.60	749,506.00		
6,300.00	0.00	0.00	6,300.00	2,936.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
6,400.00	0.00	0.00	6,400.00	3,036.90	0 00	0.00	0.00	0.00	365,035.60	749,506.00		
6,500.00	0.00	0 00	6,500.00	3,136 90	0 00	0.00	0.00	0.00	365,035.60	749,506.00		
6,600.00	0.00	0.00	6,600 00	3,236.90	0.00	0.00	0 00	0.00	365,035.60	749,506.00		
6,700.00	0 00	0.00	6,700.00	3,336.90	0.00	0.00	0.00	0 00	365,035.60	749,506 00		
6,800.00	0.00	0.00	6,800.00	3,436 90	0.00	0 00	0.00	0.00	365,035.60	749,506.00		
6,900.00	0.00	0 00	6,900.00	3,536.90	0.00	0.00	0 00	0.00	365,035.60	749,506.00		
7,000.00	0.00	0 00	7,000.00	3,636.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
7,100.00	0 00	0.00	7,100.00	3,736.90	0.00	0 00	0.00	0.00	365,035 60	749,506 00		
7,200 00	0 00	0.00	7,200.00	3,836.90	0.00	0 00	0.00	0 00	365,035.60	749,506.00		
7,300 00	0.00	0.00	7,300.00	3,936.90	0.00	0 00	0.00	0.00	365,035.60	749,506.00		
7,400.00	0.00	0.00	7,400 00	4,036.90	0 00	0.00	0.00	0 00	365,035.60	749,506.00		
7,500.00	0.00	0.00	7,500.00	4,136 90	0.00	0.00	0 00	0.00	365,035.60	749,506.00		
7,600.00	0.00	0.00	7,600.00	4,236.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
7,700 00	0.00	0.00	7,700 00	4,336.90	0.00	0.00	0 00	0.00	365,035.60	749,506 00		
7,800.00	0.00	0.00	7,800.00	4,436.90	0 00	0 00	0.00	0.00	365,035.60	749,506.00		
7,900.00	0.00	0.00	7,900.00	4,536.90	0.00	0.00	0 00	0.00	365,035.60	749,506.00		
8,000.00	0.00	0.00	8,000.00	4,636.90	0.00	0.00	0 00	0 00	365,035.60	749,506.00		

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3363.10usft (Original Well Elev)
Site:	Endurance "36" State Com	MD Reference:	WELL @ 3363.10usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan 1	Database:	EDM 5000.1 Single User Db

Planned Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (%/100usft)	Northing (usft)	Easting (usft)		
8,100.00	0.00	0.00	8,100.00	4,736.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
8,200.00	0.00	0.00	8,200.00	4,836.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
8,300.00	0.00	0.00	8,300.00	4,936.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
8,400.00	0.00	0.00	8,400.00	5,036.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
8,500.00	0.00	0.00	8,500.00	5,136.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
8,600.00	0.00	0.00	8,600.00	5,236.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
8,700.00	0.00	0.00	8,700.00	5,336.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
8,800.00	0.00	0.00	8,800.00	5,436.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
8,900.00	0.00	0.00	8,900.00	5,536.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
9,000.00	0.00	0.00	9,000.00	5,636.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
9,100.00	0.00	0.00	9,100.00	5,736.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
9,200.00	0.00	0.00	9,200.00	5,836.90	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
9,222.54	0.00	0.00	9,222.54	5,859.44	0.00	0.00	0.00	0.00	365,035.60	749,506.00		
9,225.00	0.30	359.60	9,225.00	5,861.90	0.01	0.00	0.01	12.00	365,035.61	749,506.00		
9,250.00	3.30	359.60	9,249.98	5,886.88	0.79	-0.01	0.79	12.00	365,036.39	749,505.99		
9,275.00	6.30	359.60	9,274.89	5,911.79	2.88	-0.02	2.88	12.00	365,038.48	749,505.98		
9,300.00	9.30	359.60	9,299.66	5,936.56	6.27	-0.04	6.27	12.00	365,041.87	749,505.96		
9,325.00	12.30	359.60	9,324.22	5,961.12	10.95	-0.08	10.95	12.00	365,046.55	749,505.92		
9,350.00	15.30	359.60	9,348.49	5,985.39	16.91	-0.12	16.91	12.00	365,052.51	749,505.88		
9,375.00	18.30	359.60	9,372.42	6,009.32	24.13	-0.17	24.13	12.00	365,059.73	749,505.83		
9,400.00	21.30	359.60	9,395.94	6,032.84	32.60	-0.23	32.60	12.00	365,068.20	749,505.77		
9,425.00	24.30	359.60	9,418.99	6,055.89	42.28	-0.30	42.29	12.00	365,077.88	749,505.70		
9,450.00	27.30	359.60	9,441.49	6,078.39	53.16	-0.37	53.16	12.00	365,088.76	749,505.63		
9,475.00	30.30	359.60	9,463.40	6,100.30	65.20	-0.46	65.20	12.00	365,100.80	749,505.54		
9,500.00	33.30	359.60	9,484.65	6,121.55	78.37	-0.55	78.37	12.00	365,113.97	749,505.45		
9,525.00	36.30	359.60	9,505.17	6,142.07	92.64	-0.65	92.64	12.00	365,128.24	749,505.35		
9,550.00	39.30	359.60	9,524.93	6,161.83	107.96	-0.75	107.96	12.00	365,143.56	749,505.25		

Company: EOG Resources, Inc.
Project: Lea County
Site: Endurance "36" State Com
Well: #2H
Wellbore: OH
Design: Plan 1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3363.10usft (Original Well Elev)
WELL @ 3363.10usft (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
9,575.00	42.30	359.60	9,543.85	6,180.75	124.29	-0.87	124.29	12.00	365,159.89	749,505.13
9,600.00	45.30	359.60	9,561.89	6,198.79	141.59	-0.99	141.59	12.00	365,177.19	749,505.01
9,625.00	48.30	359.60	9,579.01	6,215.91	159.81	-1.12	159.81	12.00	365,195.41	749,504.88
9,650.00	51.30	359.60	9,595.14	6,232.04	178.90	-1.25	178.90	12.00	365,214.50	749,504.75
9,675.00	54.30	359.60	9,610.26	6,247.16	198.81	-1.39	198.81	12.00	365,234.41	749,504.61
9,700.00	57.30	359.60	9,624.31	6,261.21	219.48	-1.53	219.49	12.00	365,255.08	749,504.47
9,725.00	60.30	359.60	9,637.26	6,274.16	240.86	-1.68	240.87	12.00	365,276.46	749,504.32
9,750.00	63.30	359.60	9,649.08	6,285.98	262.89	-1.84	262.90	12.00	365,298.49	749,504.16
9,775.00	66.30	359.60	9,659.72	6,296.62	285.51	-1.99	285.51	12.00	365,321.11	749,504.01
9,800.00	69.30	359.60	9,669.17	6,306.07	308.65	-2.16	308.66	12.00	365,344.25	749,503.84
9,825.00	72.30	359.60	9,677.39	6,314.29	332.25	-2.32	332.26	12.00	365,367.85	749,503.68
9,850.00	75.30	359.60	9,684.37	6,321.27	356.26	-2.49	356.27	12.00	365,391.86	749,503.51
9,875.00	78.30	359.60	9,690.08	6,326.98	380.59	-2.66	380.60	12.00	365,416.19	749,503.34
9,900.00	81.30	359.60	9,694.51	6,331.41	405.19	-2.83	405.20	12.00	365,440.79	749,503.17
9,925.00	84.30	359.60	9,697.64	6,334.54	429.99	-3.00	430.00	12.00	365,465.59	749,503.00
9,950.00	87.30	359.60	9,699.47	6,336.37	454.92	-3.18	454.93	12.00	365,490.52	749,502.82
9,972.54	90.00	359.60	9,700.00	6,336.90	477.45	-3.33	477.47	12.00	365,513.05	749,502.67
10,000.00	90.00	359.60	9,700.00	6,336.90	504.91	-3.53	504.92	0.00	365,540.51	749,502.47
10,100.00	90.00	359.60	9,700.00	6,336.90	604.91	-4.22	604.92	0.00	365,640.51	749,501.78
10,200.00	90.00	359.60	9,700.00	6,336.90	704.91	-4.92	704.92	0.00	365,740.51	749,501.08
10,300.00	90.00	359.60	9,700.00	6,336.90	804.91	-5.62	804.92	0.00	365,840.51	749,500.38
10,400.00	90.00	359.60	9,700.00	6,336.90	904.90	-6.32	904.92	0.00	365,940.50	749,499.68
10,500.00	90.00	359.60	9,700.00	6,336.90	1,004.90	-7.02	1,004.92	0.00	366,040.50	749,498.98
10,600.00	90.00	359.60	9,700.00	6,336.90	1,104.90	-7.72	1,104.92	0.00	366,140.50	749,498.28
10,700.00	90.00	359.60	9,700.00	6,336.90	1,204.90	-8.42	1,204.92	0.00	366,240.50	749,497.58
10,800.00	90.00	359.60	9,700.00	6,336.90	1,304.89	-9.11	1,304.92	0.00	366,340.49	749,496.89
10,900.00	90.00	359.60	9,700.00	6,336.90	1,404.89	-9.81	1,404.92	0.00	366,440.49	749,496.19



A Schlumberger Company

Pathfinder Pathfinder X&Y Report



A Schlumberger Company

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #2H
Project:	Lea County	TVD Reference:	WELL @ 3363.10usft (Original Well Elev)
Site:	Endurance "36" State Com	MD Reference:	WELL @ 3363.10usft (Original Well Elev)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan 1	Database:	EDM 5000.1 Single User Db

Planned Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)		
11,000.00	90.00	359.60	9,700.00	6,336.90	1,504.89	-10.51	1,504.92	0.00	366,540.49	749,495.49		
11,100.00	90.00	359.60	9,700.00	6,336.90	1,604.89	-11.21	1,604.92	0.00	366,640.49	749,494.79		
11,200.00	90.00	359.60	9,700.00	6,336.90	1,704.88	-11.91	1,704.92	0.00	366,740.48	749,494.09		
11,300.00	90.00	359.60	9,700.00	6,336.90	1,804.88	-12.61	1,804.92	0.00	366,840.48	749,493.39		
11,400.00	90.00	359.60	9,700.00	6,336.90	1,904.88	-13.30	1,904.92	0.00	366,940.48	749,492.70		
11,500.00	90.00	359.60	9,700.00	6,336.90	2,004.88	-14.00	2,004.92	0.00	367,040.48	749,492.00		
11,600.00	90.00	359.60	9,700.00	6,336.90	2,104.87	-14.70	2,104.92	0.00	367,140.47	749,491.30		
11,700.00	90.00	359.60	9,700.00	6,336.90	2,204.87	-15.40	2,204.92	0.00	367,240.47	749,490.60		
11,800.00	90.00	359.60	9,700.00	6,336.90	2,304.87	-16.10	2,304.92	0.00	367,340.47	749,489.90		
11,900.00	90.00	359.60	9,700.00	6,336.90	2,404.87	-16.80	2,404.92	0.00	367,440.47	749,489.20		
12,000.00	90.00	359.60	9,700.00	6,336.90	2,504.86	-17.50	2,504.92	0.00	367,540.46	749,488.50		
12,100.00	90.00	359.60	9,700.00	6,336.90	2,604.86	-18.19	2,604.92	0.00	367,640.46	749,487.81		
12,200.00	90.00	359.60	9,700.00	6,336.90	2,704.86	-18.89	2,704.92	0.00	367,740.46	749,487.11		
12,300.00	90.00	359.60	9,700.00	6,336.90	2,804.86	-19.59	2,804.92	0.00	367,840.46	749,486.41		
12,400.00	90.00	359.60	9,700.00	6,336.90	2,904.85	-20.29	2,904.92	0.00	367,940.45	749,485.71		
12,500.00	90.00	359.60	9,700.00	6,336.90	3,004.85	-20.99	3,004.92	0.00	368,040.45	749,485.01		
12,600.00	90.00	359.60	9,700.00	6,336.90	3,104.85	-21.69	3,104.92	0.00	368,140.45	749,484.31		
12,700.00	90.00	359.60	9,700.00	6,336.90	3,204.85	-22.38	3,204.92	0.00	368,240.45	749,483.62		
12,800.00	90.00	359.60	9,700.00	6,336.90	3,304.84	-23.08	3,304.92	0.00	368,340.44	749,482.92		
12,900.00	90.00	359.60	9,700.00	6,336.90	3,404.84	-23.78	3,404.92	0.00	368,440.44	749,482.22		
13,000.00	90.00	359.60	9,700.00	6,336.90	3,504.84	-24.48	3,504.92	0.00	368,540.44	749,481.52		
13,100.00	90.00	359.60	9,700.00	6,336.90	3,604.84	-25.18	3,604.92	0.00	368,640.44	749,480.82		
13,200.00	90.00	359.60	9,700.00	6,336.90	3,704.83	-25.88	3,704.92	0.00	368,740.43	749,480.12		
13,300.00	90.00	359.60	9,700.00	6,336.90	3,804.83	-26.57	3,804.92	0.00	368,840.43	749,479.43		
13,400.00	90.00	359.60	9,700.00	6,336.90	3,904.83	-27.27	3,904.92	0.00	368,940.43	749,478.73		
13,500.00	90.00	359.60	9,700.00	6,336.90	4,004.83	-27.97	4,004.92	0.00	369,040.43	749,478.03		
13,600.00	90.00	359.60	9,700.00	6,336.90	4,104.82	-28.67	4,104.92	0.00	369,140.42	749,477.33		



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Pathfinder
Pathfinder X&Y Report



A Schlumberger Company

Company: EOG Resources, Inc.
Project: Lea County
Site: Endurance "36" State Com
Well: #2H
Wellbore: OH
Design: Plan 1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3363.10usft (Original Well Elev)
WELL @ 3363 10usft (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
13,700.00	90.00	359.60	9,700.00	6,336.90	4,204.82	-29.37	4,204.92	0.00	369,240.42	749,476.63
13,800.00	90.00	359.60	9,700.00	6,336.90	4,304.82	-30.07	4,304.92	0.00	369,340.42	749,475.93
13,900.00	90.00	359.60	9,700.00	6,336.90	4,404.82	-30.77	4,404.92	0.00	369,440.42	749,475.23
14,000.00	90.00	359.60	9,700.00	6,336.90	4,504.81	-31.46	4,504.92	0.00	369,540.41	749,474.54
14,100.00	90.00	359.60	9,700.00	6,336.90	4,604.81	-32.16	4,604.92	0.00	369,640.41	749,473.84
14,200.00	90.00	359.60	9,700.00	6,336.90	4,704.81	-32.86	4,704.92	0.00	369,740.41	749,473.14
14,300.00	90.00	359.60	9,700.00	6,336.90	4,804.81	-33.56	4,804.92	0.00	369,840.41	749,472.44
14,400.00	90.00	359.60	9,700.00	6,336.90	4,904.81	-34.26	4,904.92	0.00	369,940.41	749,471.74
14,500.00	90.00	359.60	9,700.00	6,336.90	5,004.80	-34.96	5,004.92	0.00	370,040.40	749,471.04
14,600.00	90.00	359.60	9,700.00	6,336.90	5,104.80	-35.65	5,104.92	0.00	370,140.40	749,470.35
14,700.00	90.00	359.60	9,700.00	6,336.90	5,204.80	-36.35	5,204.92	0.00	370,240.40	749,469.65
14,800.00	90.00	359.60	9,700.00	6,336.90	5,304.80	-37.05	5,304.92	0.00	370,340.40	749,468.95
14,900.00	90.00	359.60	9,700.00	6,336.90	5,404.79	-37.75	5,404.92	0.00	370,440.39	749,468.25
15,000.00	90.00	359.60	9,700.00	6,336.90	5,504.79	-38.45	5,504.92	0.00	370,540.39	749,467.55
15,100.00	90.00	359.60	9,700.00	6,336.90	5,604.79	-39.15	5,604.92	0.00	370,640.39	749,466.85
15,200.00	90.00	359.60	9,700.00	6,336.90	5,704.79	-39.84	5,704.92	0.00	370,740.39	749,466.16
15,300.00	90.00	359.60	9,700.00	6,336.90	5,804.78	-40.54	5,804.92	0.00	370,840.38	749,465.46
15,400.00	90.00	359.60	9,700.00	6,336.90	5,904.78	-41.24	5,904.92	0.00	370,940.38	749,464.76
15,500.00	90.00	359.60	9,700.00	6,336.90	6,004.78	-41.94	6,004.92	0.00	371,040.38	749,464.06
15,600.00	90.00	359.60	9,700.00	6,336.90	6,104.78	-42.64	6,104.92	0.00	371,140.38	749,463.36
15,700.00	90.00	359.60	9,700.00	6,336.90	6,204.77	-43.34	6,204.92	0.00	371,240.37	749,462.66
15,800.00	90.00	359.60	9,700.00	6,336.90	6,304.77	-44.04	6,304.92	0.00	371,340.37	749,461.96
15,900.00	90.00	359.60	9,700.00	6,336.90	6,404.77	-44.73	6,404.92	0.00	371,440.37	749,461.27
16,000.00	90.00	359.60	9,700.00	6,336.90	6,504.77	-45.43	6,504.92	0.00	371,540.37	749,460.57
16,100.00	90.00	359.60	9,700.00	6,336.90	6,604.76	-46.13	6,604.92	0.00	371,640.36	749,459.87
16,200.00	90.00	359.60	9,700.00	6,336.90	6,704.76	-46.83	6,704.92	0.00	371,740.36	749,459.17
16,300.00	90.00	359.60	9,700.00	6,336.90	6,804.76	-47.53	6,804.92	0.00	371,840.36	749,458.47



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Pathfinder
Pathfinder X&Y Report



A Schlumberger Company

Company: EOG Resources, Inc.
Project: Lea County
Site: Endurance "36" State Com
Well: #2H
Wellbore: OH
Design: Plan 1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #2H
WELL @ 3363.10usft (Original Well Elev)
WELL @ 3363.10usft (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

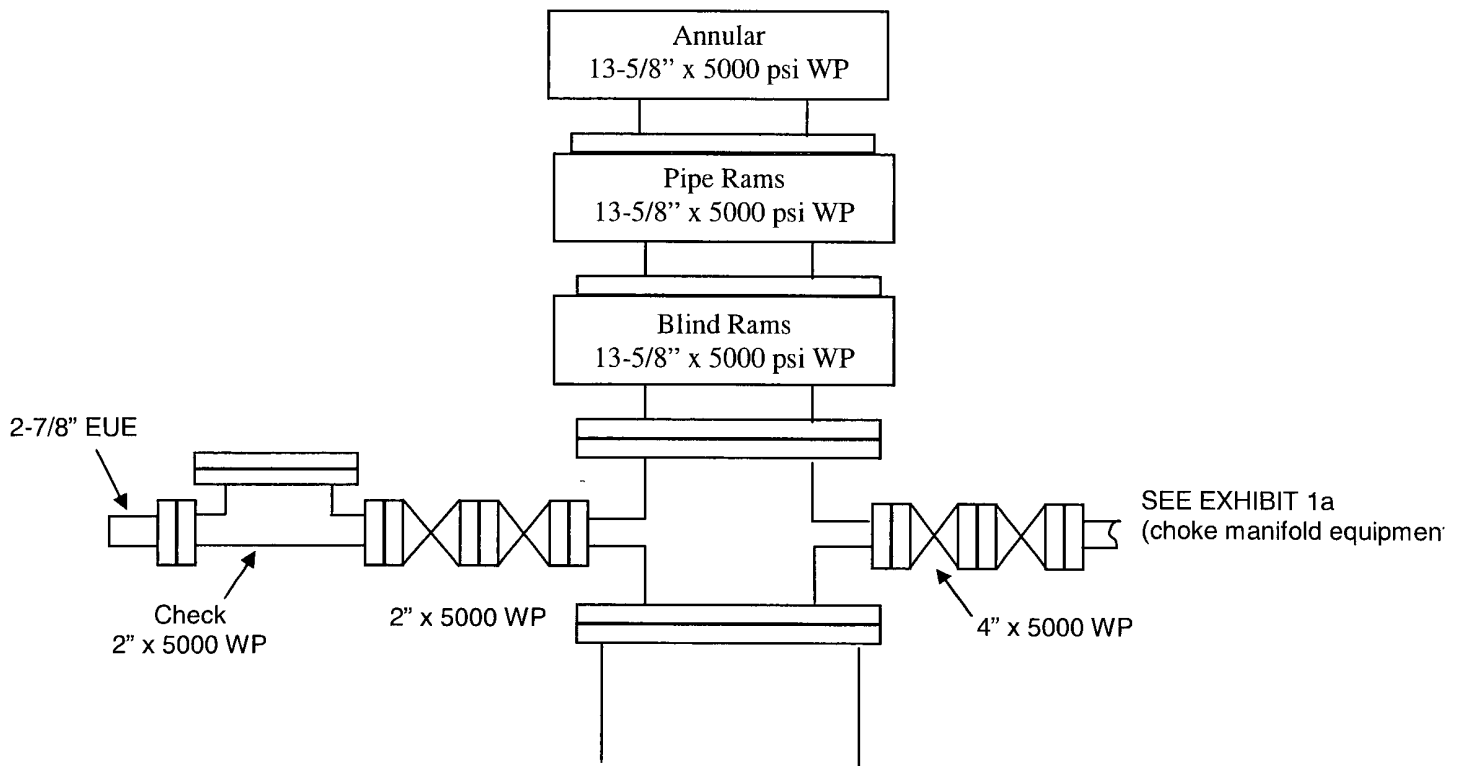
Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
16,400.00	90.00	359.60	9,700.00	6,336.90	6,904.76	-48.23	6,904.92	0.00	371,940.36	749,457.77
16,500.00	90.00	359.60	9,700.00	6,336.90	7,004.75	-48.92	7,004.92	0.00	372,040.35	749,457.08
16,600.00	90.00	359.60	9,700.00	6,336.90	7,104.75	-49.62	7,104.92	0.00	372,140.35	749,456.38
16,625.35	90.00	359.60	9,700.00	6,336.90	7,130.10	-49.80	7,130.27	0.00	372,165.70	749,456.20

Checked By: _____ Approved By: _____ Date: _____

EXHIBIT 1

EOG Resources
5000 PSI BOPE

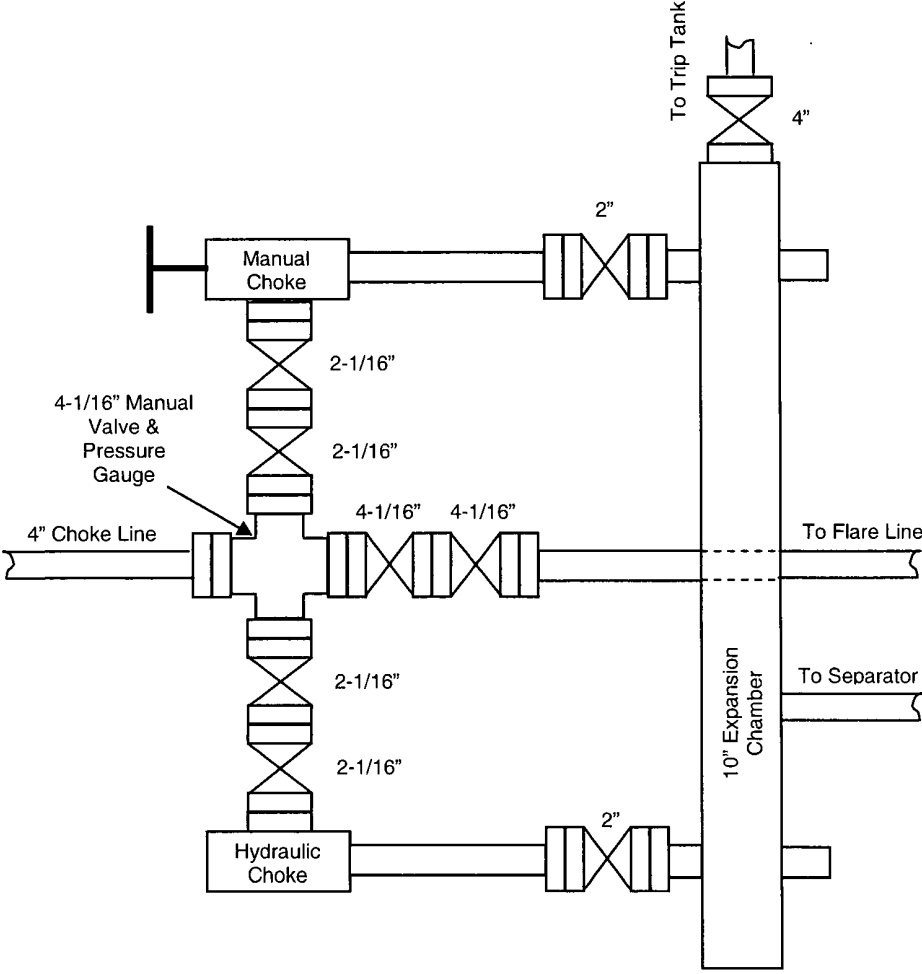


EOG RESOURCES, INC.
ENDURANCE 36 STATE COM NO. 2H

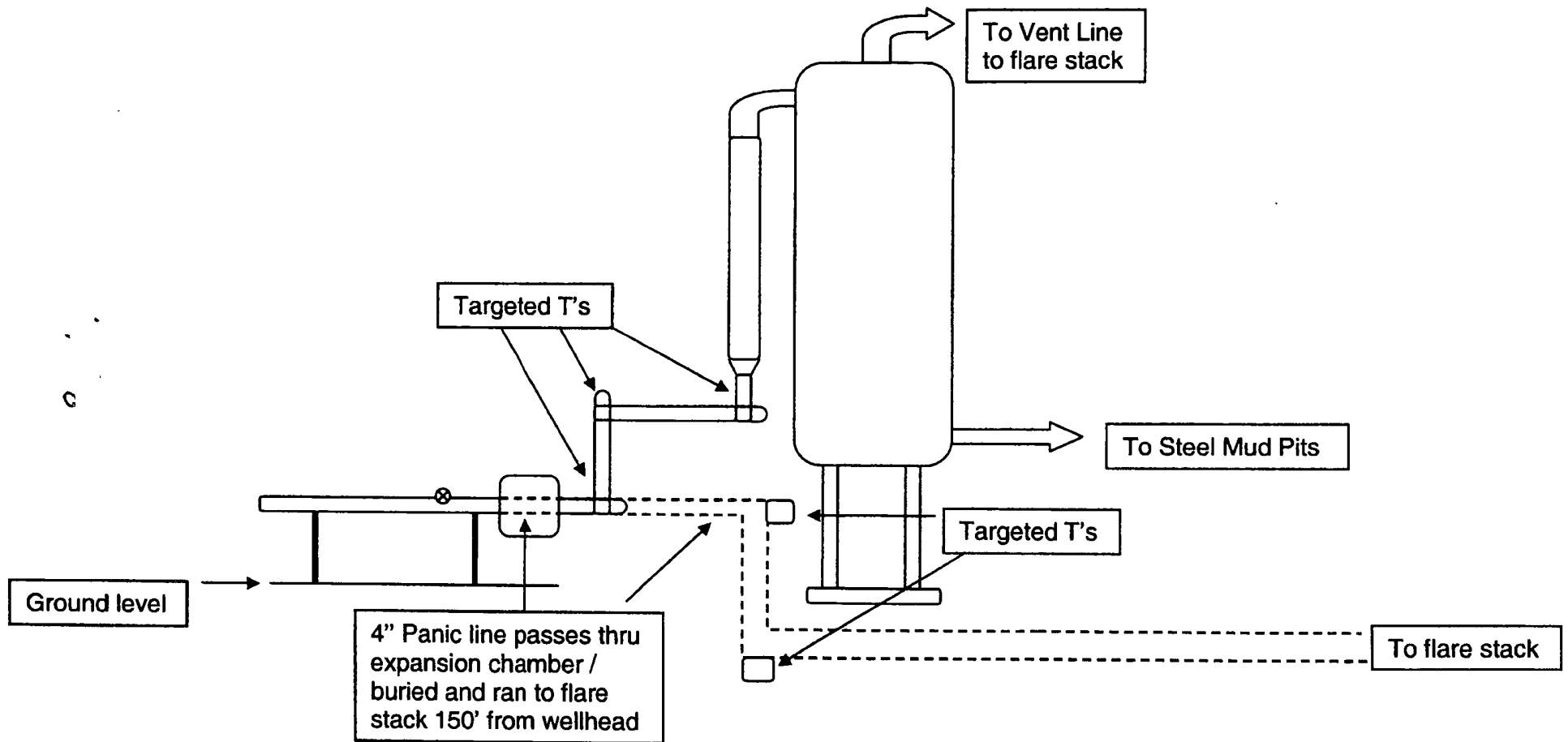
ATTACHMENT TO EXHIBIT #1

1. Wear ring to be properly installed in head.
2. Blow out preventer and all fittings must be in good condition, 5000 psi W.P. minimum. Exhibit #1.
3. All fittings to be flanged
4. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 5000 psi W.P. minimum.
5. All choke and fill lines to be securely anchored especially ends of choke lines.
6. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
7. Kelly cock on kelly.
8. Extension wrenches and hand wheels to be properly installed.
9. Blow out preventer control to be located as close to driller's position as feasible.
10. Blow out preventer closing equipment to include minimum 40-gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.

EXHIBIT 1a
EOG Resources, Inc.
5M Choke Manifold Equipment



Profile View of Piping from Choke Manifold
to the Mud Gas Separator



Aerial View of the Piping from the Choke
Manifold to the Mud Gas Separator

