Well Name: FEARLESS 26 FED COM
Well Location: T25S / R32E / SEC 26 / NWNE /
County or Parish/State:

Well Number: 705H
Type of Well: OIL WELL
Allottee or Tribe Name:

Lease Number: NMNM110836
Unit or CA Name:
Unit or CA Number:

US Well Number: 3002548562
Well Status: Approved Application for Permit to Drill
Operator: EOG RESOURCES INCORPORATED

Notice of Intent

Type of Submission: Notice of Intent
Type of Action Other

Date Sundry Submitted: 03/24/2021
Time Sundry Submitted: 11:56

Date proposed operation will begin: 04/07/2021

Procedure Description: EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes: Change BHL to T-25-S R-32-E Sec 35 100 feet FSL 2308 feet FEL Lea Co, NM Update casing to current design

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Wellhead_9.675_in_20210324115559.pdf

Fearless_26_Fed_Com_705H_Wall_Plot_20210324115553.pdf

10_M_Choke_Manifold_20210324115543.pdf

EOG_BLM_10M_Annular_Variance___9.675_in_20210324115543.pdf

Fearless_26_Fed_Com_705H_Permit_Info___Revised_BHL__csg_3.23.2021_20210324115543.pdf

Fearless_26_Fed_Com_705H_Planning_Report_20210324115543.pdf

Co_Flex_Hose_Test_Chart_20210324115542.pdf

5.500in_20.00_VST_P110EC_VAM_SFC_20210324115542.pdf

Co_Flex_Hose_Certification_20210324115542.pdf

9_5_8__36_20210324115542

Well Name: FEARLESS 26 FED COM	**Well Location:** T25S / R32E / SEC 26 / NWNE /	**County or Parish/State:**
Well Number: 705H	**Type of Well:** OIL WELL	**Allottee or Tribe Name:**
Lease Number: NMNM110836	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 3002548562	**Well Status:** Approved Application for Permit to Drill	**Operator:** EOG RESOURCES INCORPORATED

10_M_BOP_Diagram_9.675_in_20210324115542.pdf

7.625in_29.70_P110HC_FXL_20210324115542.pdf

5.500in_20.00_VST_P110EC_DWC_C_IS_MS_Spec_Sheet_20210324115541.pdf

FEARLESS_26_FED_COM_705H_C102_20210324115529.pdf

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HARRELL **Signed on:** MAR 24, 2021 11:56 AM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 5509 CHAMPIONS DRIVE

City: MIDLAND **State:** TX

Phone: (432) 848-9161

Email address: Star_Harrell@eogresources.com

Field Representative

Representative Name: STAR HARRELL

Street Address: 5509 CHAMPIONS DRIVE

City: MIDLAND **State:** TX **Zip:** 79706

Phone: (432)848-9161

Email address: Star_Harrell@eogresources.com

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS **BLM POC Title:** Petroleum Engineer

BLM POC Phone: 5752342234 **BLM POC Email Address:** cwalls@blm.gov

Disposition: Approved **Disposition Date:** 04/12/2021

Signature: Chris Walls

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011
Submit one copy to appropriate District Office

☐ **AMENDED REPORT**

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-48562	98180	WC-025 G-09 S253309P; Upper Wolfcamp

[4]Property Code	[5]Property Name	[6]Well Number
324860	FEARLESS 26 FED COM	705H

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3395'

[10]Surface Location

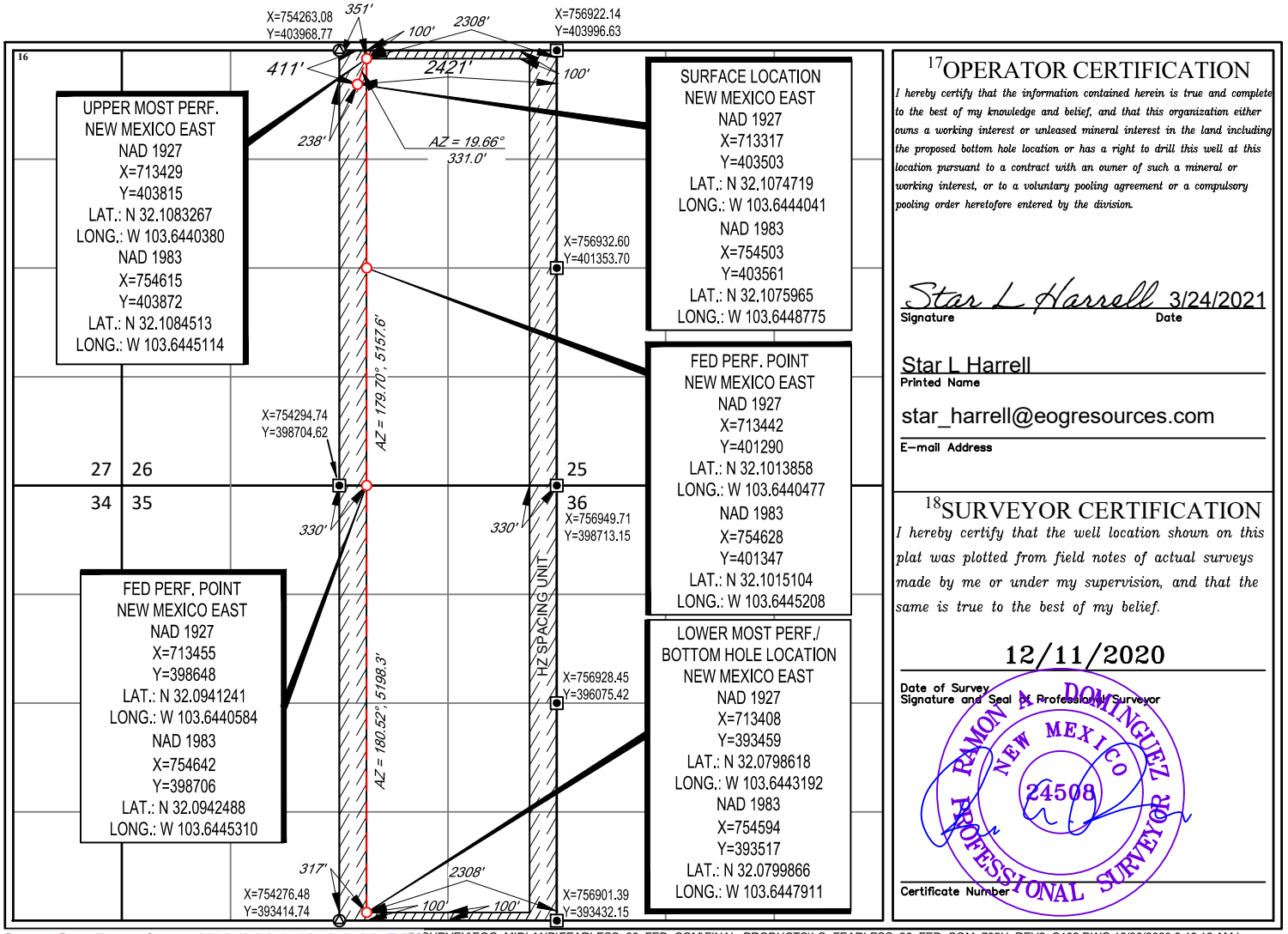
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	26	25-S	32-E	–	411'	NORTH	2421'	EAST	LEA

[11]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
O	35	25-S	32-E	–	100'	SOUTH	2308'	EAST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
640.00			

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.



[17]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.

Star L Harrell 3/24/2021
Signature Date

Star L Harrell
Printed Name

star_harrell@eogresources.com
E-mail Address

[18]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 to the best of my belief.

12/11/2020
Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

Certificate Number

Revised Permit Information 3/23/2021:

Well Name: Fearless 26 Fed Com #705H

Location:
SHL: 411' FNL & 2421' FEL, Section 26, T-25-S, R-32-E, Lea Co., N.M.
BHL: 100' FSL & 2308' FEL, Section 35, T-25-S, R-32-E, Lea Co., N.M.

Design A

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF_{min} Collapse	DF_{min} Burst	DF_{min} Tension
12.25"	0' – 850'	9.625"	36#	J-55	LTC	1.125	1.25	1.60
8.75"	0' – 11,000'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.60
6.75"	0' – 10,500'	5.5"	20#	P-110EC	DWC/C-IS MS	1.125	1.25	1.60
6.75"	10,500'–11,000'	5.5"	20#	P-110EC	VAM SFC	1.125	1.25	1.60
6.75"	11,000' – 22,342'	5.5"	20#	P-110EC	DWC/C-IS MS	1.125	1.25	1.60

Variance is requested to wave the centralizer requirements for the 7-5/8" casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 5-1/2" casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

EOG requests variance to allow deviation from the 0.422'' annulus clearance requirement from Onshore Order #2 under the following conditions:

- Annular clearance to meet or exceed 0.422'' between intermediate casing ID and production casing coupling only on the first 500' overlap between both casing strings.
- Annular clearance less than 0.422'' is acceptable for the curve and lateral portions of the production open hole section.

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft^3/sk	Slurry Description
850' 9-5/8"	260	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% $CaCl_2$ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	80	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 650')
11,000' 7-5/8"	440	14.2	1.11	1st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,388')
	1,240	14.8	1.5	2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
22,342' 5-1/2"	1,010	14.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,500')

Additive	Purpose
Bentonite Gel	Lightweight/Lost circulation prevention
Calcium Chloride	Accelerator
Cello-flake	Lost circulation prevention
Sodium Metasilicate	Accelerator
MagOx	Expansive agent
Pre-Mag-M	Expansive agent
Sodium Chloride	Accelerator
FL-62	Fluid loss control
Halad-344	Fluid loss control
Halad-9	Fluid loss control
HR-601	Retarder
Microbond	Expansive Agent

EOG requests variance from minimum standards to pump a two stage cement job on the 7-5/8'' intermediate casing string with the first stage being pumped conventionally with the calculated TOC at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary a top out consisting of 1,000 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. Top of cement will be verified by Echo-meter.

EOG will include the final fluid top verified by Echo-meter and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

EOG will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

Mud Program:

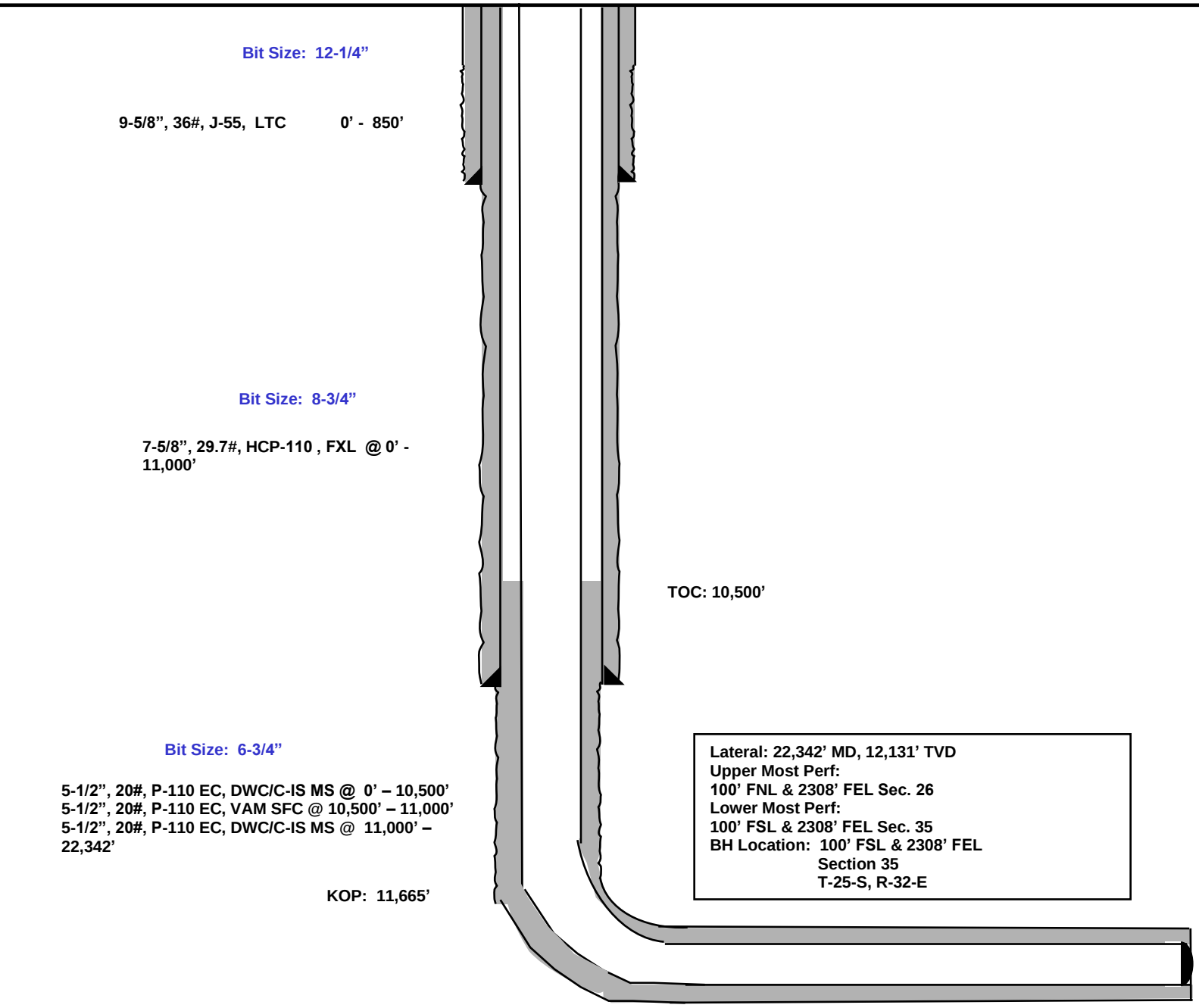
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 850'	Fresh - Gel	8.6-8.8	28-34	N/c
850' – 11,000'	Brine	10.0-10.2	28-34	N/c
11,000' – 11,665'	Oil Base	8.7-9.4	58-68	N/c - 6
11,665' – 22,342' Lateral	Oil Base	10.0-14.0	58-68	3 - 6

411’ FNL
2421’ FEL
Section 26
T-25-S, R-32-E

Revised Wellbore

API: 30-025-48562

KB: 3,420’
GL: 3,395’



GENERIC MILL

U. S. Steel Tubular Products

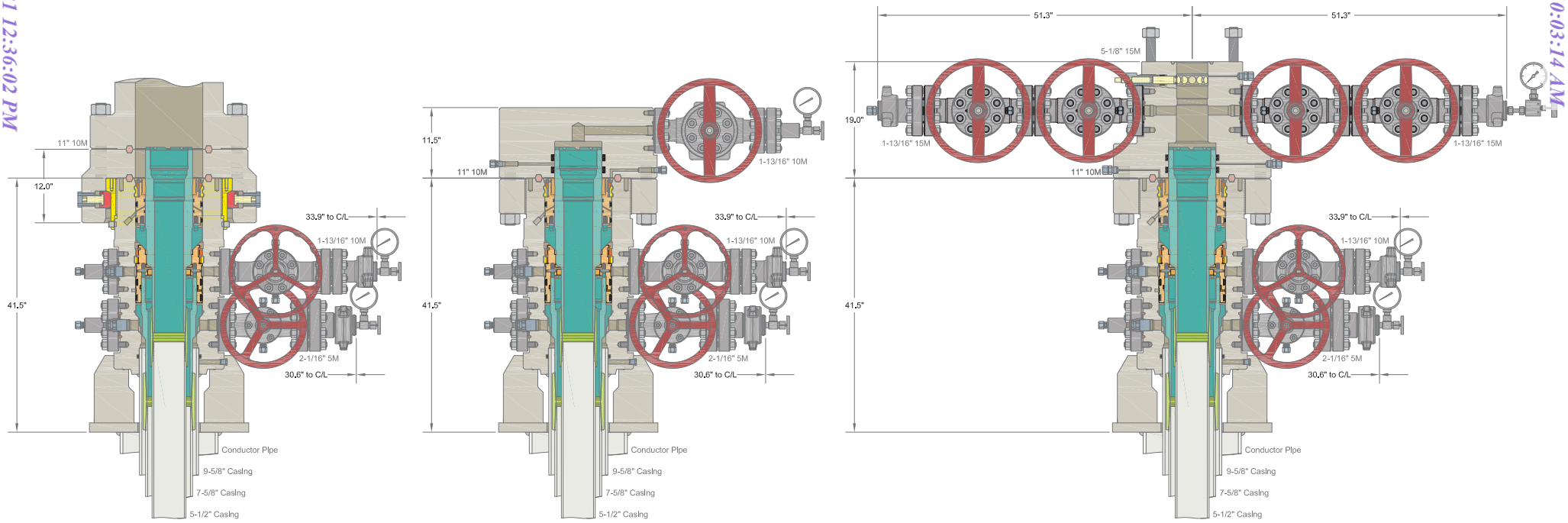
2/9/2021 7:39:08 AM

9.625" 36.00lbs/ft (0.352" Wall) J55

MECHANICAL PROPERTIES	Pipe	BTC	LTC	STC	
Minimum Yield Strength	55,000	--	--	--	psi
Maximum Yield Strength	80,000	--	--	--	psi
Minimum Tensile Strength	75,000	--	--	--	psi
DIMENSIONS	**Pipe**	**BTC**	**LTC**	**STC**	
Outside Diameter	9.625	10.625	10.625	10.625	in.
Wall Thickness	0.352	--	--	--	in.
Inside Diameter	8.921	8.921	8.921	8.921	in.
Standard Drift	8.765	8.765	8.765	8.765	in.
Alternate Drift	--	--	0.000	--	in.
Nominal Linear Weight, T&C	36.00	--	--	--	lbs/ft
Plain End Weight	34.89	--	--	--	lbs/ft
PERFORMANCE	**Pipe**	**BTC**	**LTC**	**STC**	
Minimum Collapse Pressure	2,020	2,020	2,020	2,020	psi
Minimum Internal Yield Pressure	3,520	3,520	3,520	3,520	psi
Minimum Pipe Body Yield Strength	564	--	--	--	1,000 lbs
Joint Strength	--	639	453	394	1,000 lbs
Reference Length	--	11,833	8,389	7,288	ft
MAKE-UP DATA	**Pipe**	**BTC**	**LTC**	**STC**	
Make-Up Loss	--	4.81	4.75	3.38	in.
Minimum Make-Up Torque	--	--	3,400	2,960	ft-lbs
Maximum Make-Up Torque	--	--	5,660	4,930	ft-lbs

U. S. Steel Tubular Products
460 Wildwood Forest Drive, Suite 300S
Spring, Texas 77380

1-877-893-9461
connections@uss.com
www.usstubular.com



ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC

EOG RESOURCES
DELAWARE

20" x 9-5/8" x 7-5/8" x 5-1/2" MBU-T-SF SOW Wellhead System
With 11" 10M x 5-1/8" 15M CMT-DBLHPS-SB Tubing Head,
Mandrel Hangers, Quick Connect Drilling Adapter And TA Cap

DRAWN	DLE	23OCT18
APPRV		

DRAWING NO. HBE0000010

eog resources

Lea County, NM (NAD 83 NME)

Fearless 26 Fed Com #705H

Plan #0.1

Azimuths to Grid North
True North: -0.37°
Magnetic North: 6.35°

Magnetic Field
Strength: 47616.0nT
Dip Angle: 59.91°
Date: 11/7/2019
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.35°
To convert a Magnetic Direction to a True Direction, Add 6.72° East
To convert a True Direction to a Grid Direction, Subtract 0.37°

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Mean Sea Level

WELL DETAILS: #705H

3395.0
KB = 26 @ 3421.0usft

Northing	Easting	Latittude	Longitude
403561.00	754503.00	32° 6' 27.350 N	103° 38' 41.562 W

SECTION DETAILS

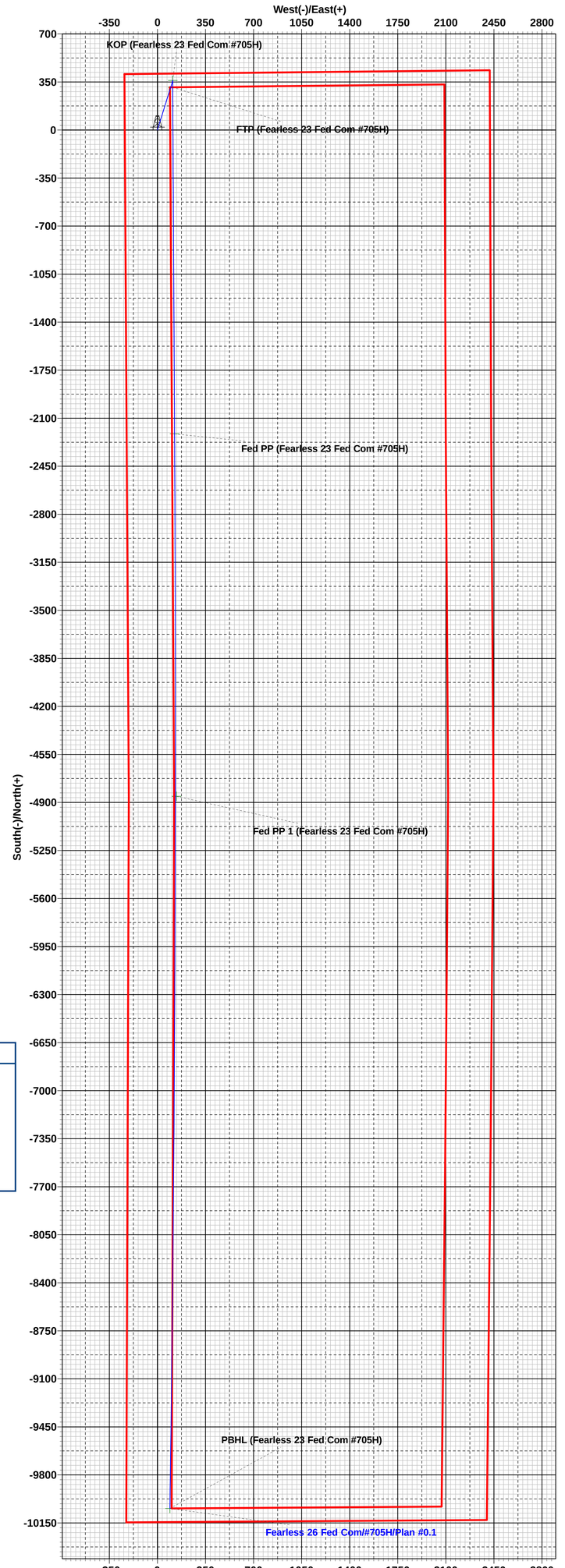
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
3	1271.2	3.42	17.24	1271.1	4.9	1.5	2.00	17.24	-4.9	
4	7428.0	3.42	17.24	7416.9	356.1	110.5	0.00	0.00	-355.1	
5	7599.2	0.00	0.00	7588.0	361.0	112.0	2.00	180.00	-360.0	
6	11664.7	0.00	0.00	11653.5	361.0	112.0	0.00	0.00	-360.0	KOP (Fearless 23 Fed Com #705H)
7	11885.1	26.46	180.00	11866.2	311.0	112.0	12.00	180.00	-310.0	FTP (Fearless 23 Fed Com #705H)
8	12414.7	90.00	179.69	12130.9	-116.4	113.6	12.00	-0.35	117.5	
9	14512.2	90.00	179.69	12131.0	-2214.0	125.0	0.00	0.00	2215.0	Fed PP (Fearless 23 Fed Com #705H)
10	22342.4	90.00	180.81	12131.0	-10044.0	91.0	0.01	89.84	10044.4	PBHL (Fearless 23 Fed Com #705H)

CASING DETAILS

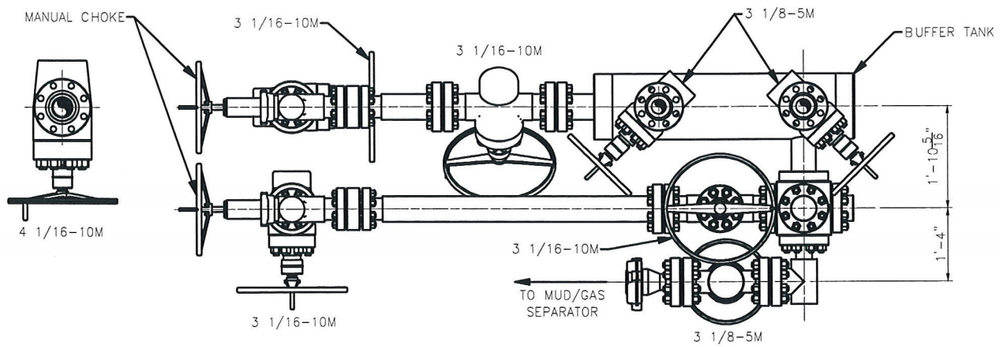
No casing data is available

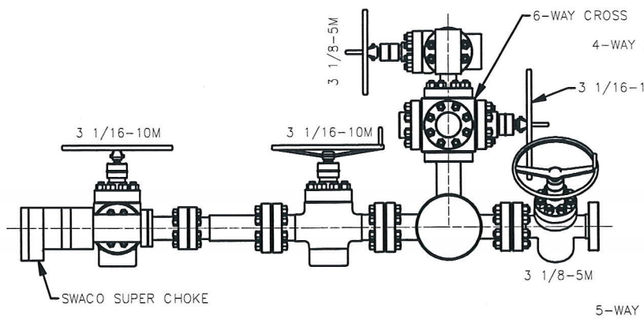
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Fearless 23 Fed Com #705H)	11653.5	361.0	112.0	403922.00	754615.00
FTP (Fearless 23 Fed Com #705H)	11866.2	311.0	112.0	403872.00	754615.00
Fed PP (Fearless 23 Fed Com #705H)	12131.0	-2214.0	125.0	401347.00	754628.00
PBHL (Fearless 23 Fed Com #705H)	12131.0	-10044.0	91.0	393517.00	754594.00
Fed PP 1 (Fearless 23 Fed Com #705H)	12131.0	-4855.0	139.0	398706.00	754642.00

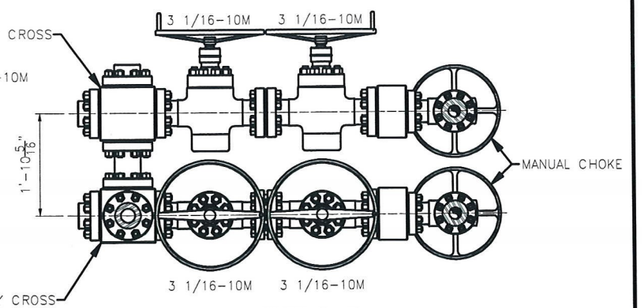


Lea County, NM (NAD 83 NME)
Fearless 26 Fed Com
#705H
OH
Plan #0.1
14:48, January 11 2021

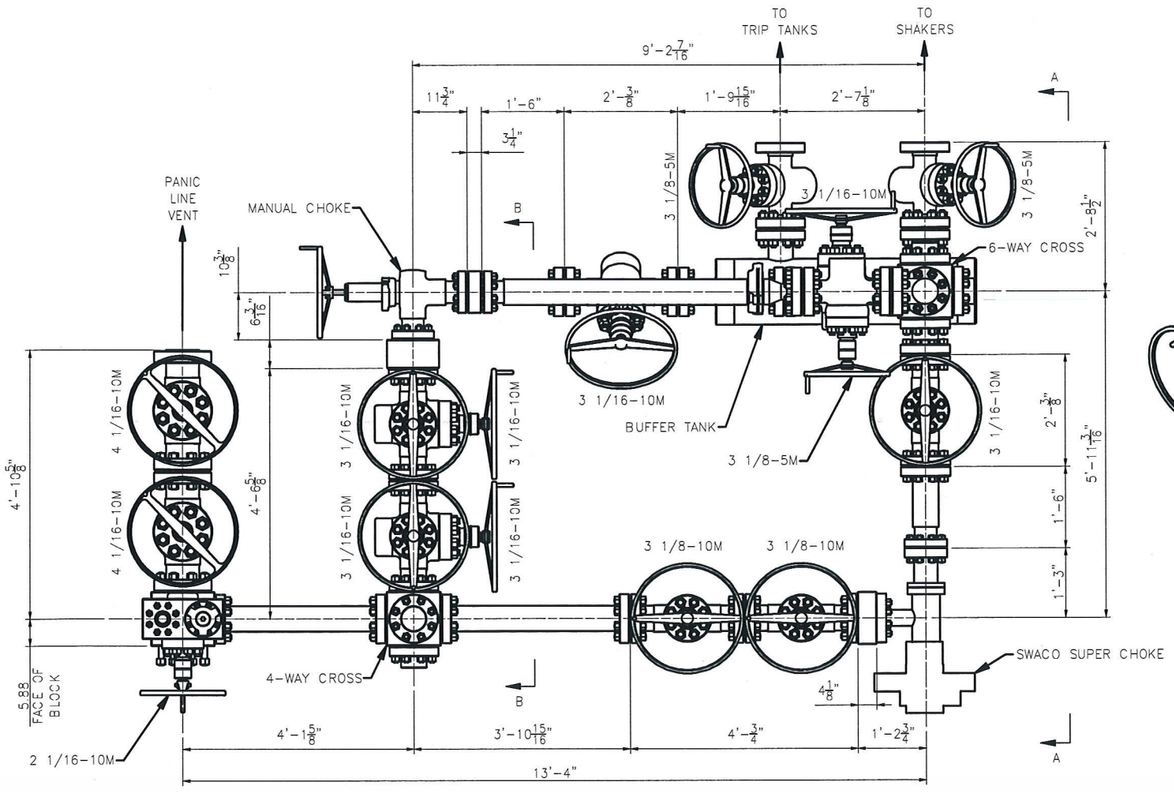




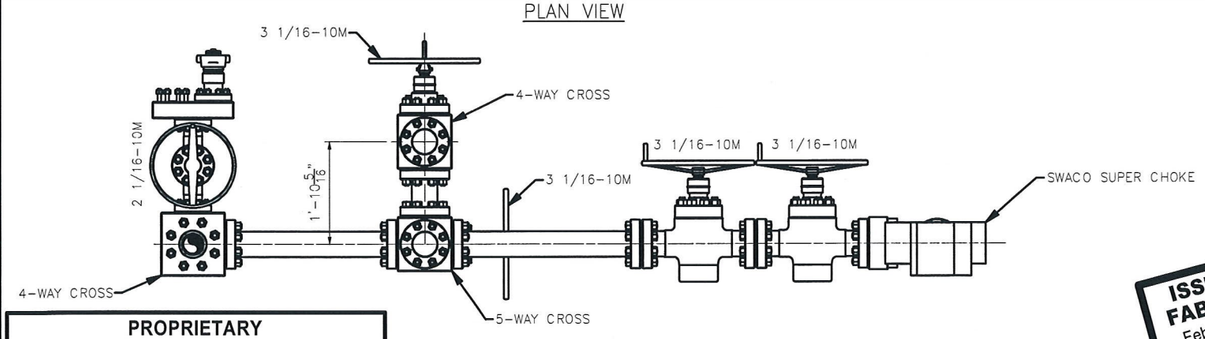
VIEW A-A

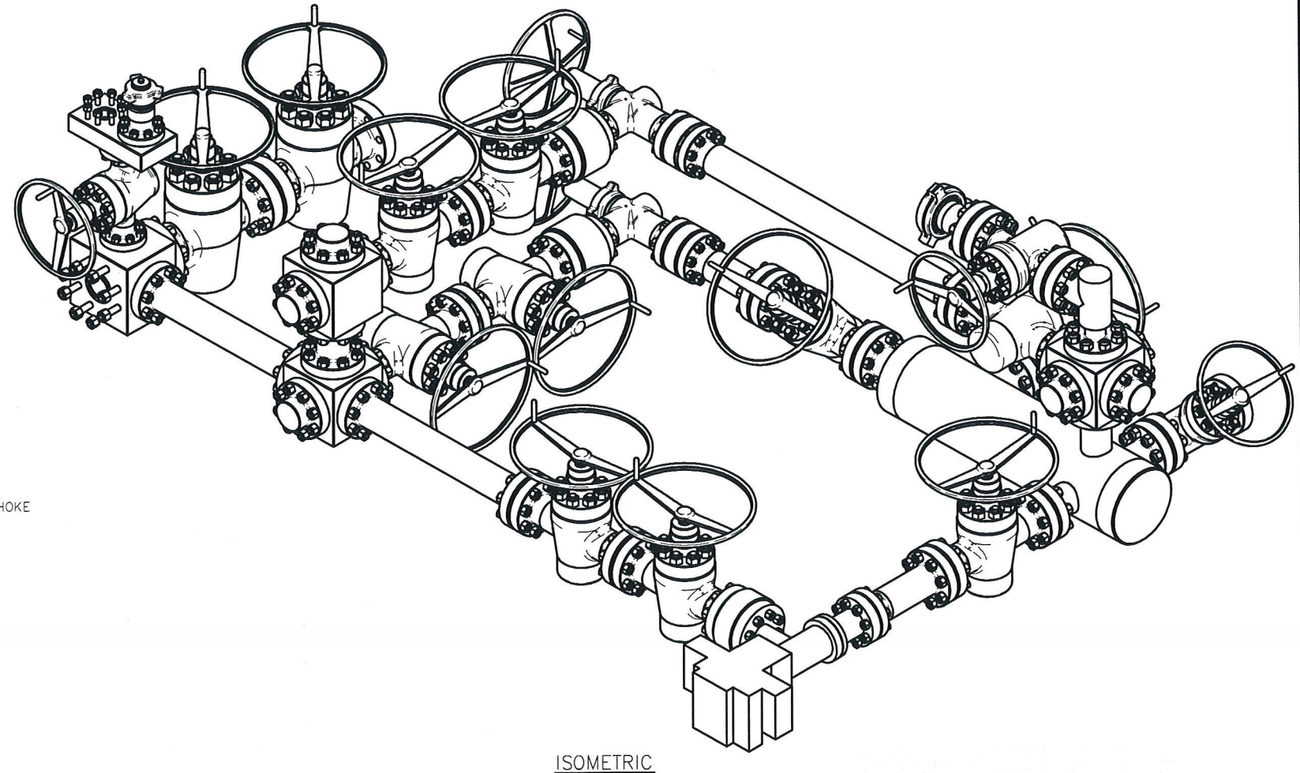


SECTION B-B



PLAN VIEW





ISOMETRIC

ISSUED FOR FABRICATION
February-10-2014
DRAFTSMAN MWL
ENGINEER

STANDARD TOLERANCES
(UNLESS NOTED)

1. FABRICATION DIMENSIONS:	A-0° TO 24"	±1/16"
	B-24° TO 120°	±1/8"
	C-OVER 120°	±1/4"
2. MACHINED DIMENSIONS:	A-ANGULAR	±.30'
	B-LINEAR (EXPRESSED AS FRACTION)	±.015
	LINEAR (EXPRESSED TO ONE DECIMAL)	±.1
	LINEAR (EXPRESSED TO TWO DECIMALS)	±.015
	LINEAR (EXPRESSED TO THREE DECIMALS)	±.005

REV	DATE	DESCRIPTION	BY
—			

HELMERICH & PAYNE INTERNATIONAL DRILLING CO.

TITLE: 3 CHOKE, 3 LEVEL, 10M CHOKE MANIFOLD G.A.

CUSTOMER: H&P

PROJECT:

DRAWN:	DATE:	DWG. NO.:	REV:
MWL	2/10/2014	HP-D1254	—
SCALE: 3/4"=1'-0"	SHEET: 1 OF 1		

10,000 PSI BOP Annular
Variance Request

EOG Resources request a variance to use a 5000 psi annular BOP with a 10,000 psi BOP stack. The component and compatibility tables along with the general well control plans demonstrate how the 5000 psi annular BOP will be protected from pressures that exceed its rated working pressure (RWP). The pressure at which the control of the wellbore is transferred from the annular preventer to another available preventer will not exceed 3500 psi (70% of the RWP of the 5000 psi annular BOP).

1. Component and Preventer Compatibility Tables

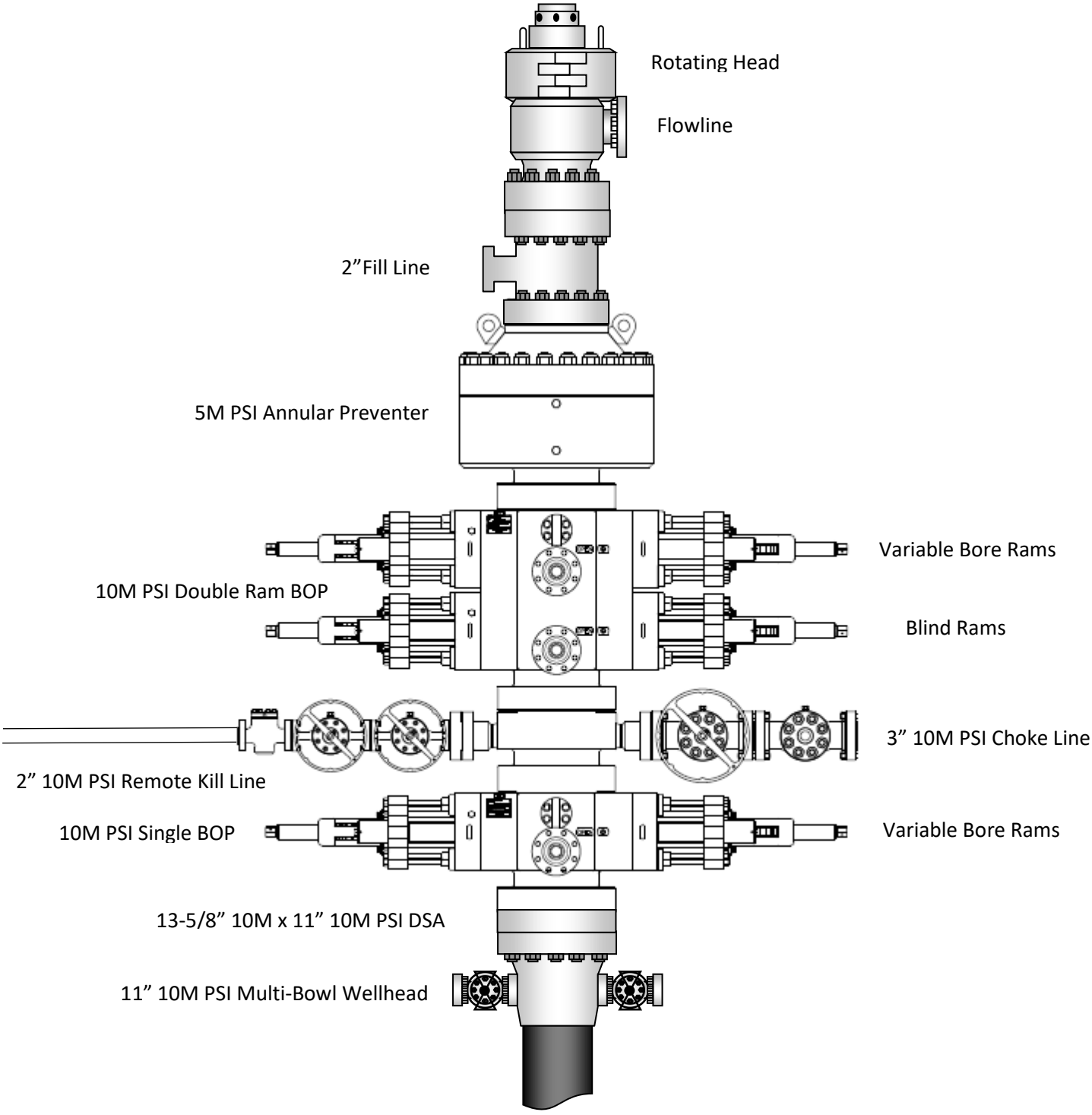
The tables below outlines the tubulars and the compatible preventers in use. This table, combined with the drilling fluid, documents that two barriers to flow will be maintained at all times.

9-7/8" & 8-3/4" Intermediate Hole Section 10M psi requirement					
Component	**OD**	**Primary Preventer**	**RWP**	**Alternate Preventer(s)**	**RWP**
Drillpipe	4.500"	Annular	5M	Upper 3.5 - 5.5" VBR Lower 3.5 - 5.5" VBR	10M 10M
HWDP	4.500"	Annular	5M	Upper 3.5 - 5.5" VBR Lower 3.5 - 5.5" VBR	10M 10M
Jars	4.500"	Annular	5M	Upper 3.5 - 5.5" VBR Lower 3.5 - 5.5" VBR	10M 10M
DCs and MWD tools	6.500 – 8.000"	Annular	5M	-	-
Mud Motor	6.750 – 8.000"	Annular	5M	-	-
Intermediate casing	7.625"	Annular	5M	-	-
Open-hole	-	Blind Rams	10M	-	-

6-3/4" Production Hole Section 10M psi requirement					
Component	**OD**	**Primary Preventer**	**RWP**	**Alternate Preventer(s)**	**RWP**
Drillpipe	4.500"	Annular	5M	Upper 3.5 - 5.5" VBR Lower 3.5 - 5.5" VBR	10M 10M
HWDP	4.500"	Annular	5M	Upper 3.5 - 5.5" VBR Lower 3.5 - 5.5" VBR	10M 10M
DCs and MWD tools	4.750 – 5.500"	Annular	5M	Upper 3.5 - 5.5" VBR Lower 3.5 - 5.5" VBR	10M 10M
Mud Motor	4.750 – 5.500"	Annular	5M	Upper 3.5 - 5.5" VBR Lower 3.5 - 5.5" VBR	10M 10M
Mud Motor	5.500 – 5.750"	Annular	5M	-	-
Production casing	5.500"	Annular	5M	Upper 3.5 - 5.5" VBR Lower 3.5 - 5.5" VBR	10M 10M
Open-hole	-	Blind Rams	10M	-	-

VBR = Variable Bore Ram

EOG Resources
11” 10M PSI BOP Stack



2. Well Control Procedures

Below are the minimal high-level tasks prescribed to assure a proper shut-in while drilling, tripping, running casing, pipe out of the hole (open hole), and moving the BHA through the BOPs. At least one well control drill will be performed weekly per crew to demonstrate compliance with the procedure and well control plan. The well control drill will be recorded in the daily drilling log. The type of drill will be determined by the ongoing operations, but reasonable attempts will be made to vary the type of drill conducted (pit, trip, open hole, choke, etc.). This well control plan will be available for review by rig personnel in the EOG Resources drilling supervisor's office on location, and on the rig floor. All BOP equipment will be tested as per Onshore O&G Order No. 2 with the exception of the 5000 psi annular which will be tested to 100% of its RWP.

General Procedure While Drilling

1. Sound alarm (alert crew)
2. Space out drill string
3. Shut down pumps (stop pumps and rotary)
4. Shut-in Well (uppermost applicable BOP, typically annular preventer first. HCR and choke will already be in the closed position.)
5. Confirm shut-in
6. Notify toolpusher/company representative
7. Read and record the following:
    a. SIDPP and SICP
    b. Pit gain
    c. Time
8. Regroup and identify forward plan
9. If pressure has built or is anticipated during the kill to reach 70% or greater of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure While Tripping

1. Sound alarm (alert crew)
2. Stab full opening safety valve and close
3. Space out drill string
4. Shut-in (uppermost applicable BOP, typically annular preventer first. HCR and choke will already be in the closed position.)
5. Confirm shut-in
6. Notify toolpusher/company representative
7. Read and record the following:
    a. SIDPP and SICP
    b. Pit gain
    c. Time
8. Regroup and identify forward plan
9. If pressure has built or is anticipated during the kill to reach 70% or greater of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure While Running Production Casing

1. Sound alarm (alert crew)
2. Stab crossover and full opening safety valve and close
3. Space out string

4. Shut-in (uppermost applicable BOP, typically annular preventer first. HCR and choke will already be in the closed position.)
5. Confirm shut-in
6. Notify toolpusher/company representative
7. Read and record the following:
    a. SIDPP and SICP
    b. Pit gain
    c. Time
8. Regroup and identify forward plan
9. If pressure has built or is anticipated during the kill to reach 70% or greater of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure With No Pipe In Hole (Open Hole)

1. Sound alarm (alert crew)
2. Shut-in with blind rams. (HCR and choke will already be in the closed position.)
3. Confirm shut-in
4. Notify toolpusher/company representative
5. Read and record the following:
    a. SICP
    b. Pit gain
    c. Time
6. Regroup and identify forward plan

General Procedures While Pulling BHA thru Stack

1. PRIOR to pulling last joint of drillpipe thru the stack.
    a. Perform flowcheck, if flowing:
    b. Sound alarm (alert crew)
    c. Stab full opening safety valve and close
    d. Space out drill string with tool joint just beneath the upper variable bore rams.
    e. Shut-in using upper variable bore rams. (HCR and choke will already be in the closed position.)
    f. Confirm shut-in
    g. Notify toolpusher/company representative
    h. Read and record the following:
        i. SIDPP and SICP
        ii. Pit gain
        iii. Time
    i. Regroup and identify forward plan

2. With BHA in the stack and compatible ram preventer and pipe combo immediately available.
    a. Sound alarm (alert crew)
    b. Stab crossover and full opening safety valve and close
    c. Space out drill string with upset just beneath the upper variable bore rams.
    d. Shut-in using upper variable bore rams. (HCR and choke will already be in the closed position.)
    e. Confirm shut-in
    f. Notify toolpusher/company representative
    g. Read and record the following:
        i. SIDPP and SICP

ii. Pit gain
iii. Time

h. Regroup and identify forward plan

3. With BHA in the stack and NO compatible ram preventer and pipe combo immediately available.
   a. Sound alarm (alert crew)
   b. If possible to pick up high enough, pull string clear of the stack and follow "Open Hole" scenario.
   c. If impossible to pick up high enough to pull the string clear of the stack:
   d. Stab crossover, make up one joint/stand of drillpipe, and full opening safety valve and close
   e. Space out drill string with tooljoint just beneath the upper variable bore ram.
   f. Shut-in using upper variable bore ram. (HCR and choke will already be in the closed position.)
   g. Confirm shut-in
   h. Notify toolpusher/company representative
   i. Read and record the following:
      i. SIDPP and SICP
      ii. Pit gain
      iii. Time
   j. Regroup and identify forward plan

EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Fearless 26 Fed Com
#705H

OH

Plan: Plan #0.1

Standard Planning Report

11 January, 2021

EOG Resources
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well #705H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 26 @ 3421.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26 @ 3421.0usft
Site:	Fearless 26 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Project Lea County, NM (NAD 83 NME)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Fearless 26 Fed Com

Site Position:		**Northing:**	403,601.00 usft	**Latitude:**	32° 6' 27.700 N
From:	Map	**Easting:**	755,228.00 usft	**Longitude:**	103° 38' 33.130 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.37 °

Well #705H

Well Position	**+N/-S**	-40.0 usft	**Northing:**	403,561.00 usft	**Latitude:**	32° 6' 27.350 N
	+E/-W	-725.0 usft	**Easting:**	754,503.00 usft	**Longitude:**	103° 38' 41.562 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,395.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/7/2019	6.72	59.91	47,616.01891157

Design Plan #0.1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	179.48

Plan Survey Tool Program **Date** 1/11/2021

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	22,342.4	Plan #0.1 (OH)	MWD	
				OWSG MWD - Standard	

eog resources

EOG Resources
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well #705H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 26 @ 3421.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26 @ 3421.0usft
Site:	Fearless 26 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,271.2	3.42	17.24	1,271.1	4.9	1.5	2.00	2.00	0.00	17.24	
7,428.0	3.42	17.24	7,416.9	356.1	110.5	0.00	0.00	0.00	0.00	
7,599.2	0.00	0.00	7,588.0	361.0	112.0	2.00	-2.00	0.00	180.00	
11,664.7	0.00	0.00	11,653.5	361.0	112.0	0.00	0.00	0.00	0.00	KOP (Fearless 23 Fe
11,885.1	26.46	180.00	11,866.2	311.0	112.0	12.00	12.00	81.65	180.00	FTP (Fearless 23 Fed
12,414.7	90.00	179.69	12,130.9	-116.4	113.6	12.00	12.00	-0.06	-0.35	
14,512.2	90.00	179.69	12,131.0	-2,214.0	125.0	0.00	0.00	0.00	0.00	Fed PP (Fearless 23 I
22,342.4	90.00	180.81	12,131.0	-10,044.0	91.0	0.01	0.00	0.01	89.84	PBHL (Fearless 23 Fe

eog resources

EOG Resources

Planning Report

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Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	2.00	17.24	1,200.0	1.7	0.5	-1.7	2.00	2.00	0.00
1,271.2	3.42	17.24	1,271.1	4.9	1.5	-4.9	2.00	2.00	0.00
1,300.0	3.42	17.24	1,299.8	6.5	2.0	-6.5	0.00	0.00	0.00
1,400.0	3.42	17.24	1,399.7	12.2	3.8	-12.2	0.00	0.00	0.00
1,500.0	3.42	17.24	1,499.5	17.9	5.6	-17.9	0.00	0.00	0.00
1,600.0	3.42	17.24	1,599.3	23.6	7.3	-23.6	0.00	0.00	0.00
1,700.0	3.42	17.24	1,699.1	29.3	9.1	-29.3	0.00	0.00	0.00
1,800.0	3.42	17.24	1,799.0	35.1	10.9	-35.0	0.00	0.00	0.00
1,900.0	3.42	17.24	1,898.8	40.8	12.6	-40.6	0.00	0.00	0.00
2,000.0	3.42	17.24	1,998.6	46.5	14.4	-46.3	0.00	0.00	0.00
2,100.0	3.42	17.24	2,098.4	52.2	16.2	-52.0	0.00	0.00	0.00
2,200.0	3.42	17.24	2,198.2	57.9	18.0	-57.7	0.00	0.00	0.00
2,300.0	3.42	17.24	2,298.1	63.6	19.7	-63.4	0.00	0.00	0.00
2,400.0	3.42	17.24	2,397.9	69.3	21.5	-69.1	0.00	0.00	0.00
2,500.0	3.42	17.24	2,497.7	75.0	23.3	-74.8	0.00	0.00	0.00
2,600.0	3.42	17.24	2,597.5	80.7	25.0	-80.5	0.00	0.00	0.00
2,700.0	3.42	17.24	2,697.3	86.4	26.8	-86.1	0.00	0.00	0.00
2,800.0	3.42	17.24	2,797.2	92.1	28.6	-91.8	0.00	0.00	0.00
2,900.0	3.42	17.24	2,897.0	97.8	30.3	-97.5	0.00	0.00	0.00
3,000.0	3.42	17.24	2,996.8	103.5	32.1	-103.2	0.00	0.00	0.00
3,100.0	3.42	17.24	3,096.6	109.2	33.9	-108.9	0.00	0.00	0.00
3,200.0	3.42	17.24	3,196.5	114.9	35.7	-114.6	0.00	0.00	0.00
3,300.0	3.42	17.24	3,296.3	120.6	37.4	-120.3	0.00	0.00	0.00
3,400.0	3.42	17.24	3,396.1	126.3	39.2	-126.0	0.00	0.00	0.00
3,500.0	3.42	17.24	3,495.9	132.0	41.0	-131.7	0.00	0.00	0.00
3,600.0	3.42	17.24	3,595.7	137.7	42.7	-137.3	0.00	0.00	0.00
3,700.0	3.42	17.24	3,695.6	143.4	44.5	-143.0	0.00	0.00	0.00
3,800.0	3.42	17.24	3,795.4	149.1	46.3	-148.7	0.00	0.00	0.00
3,900.0	3.42	17.24	3,895.2	154.9	48.0	-154.4	0.00	0.00	0.00
4,000.0	3.42	17.24	3,995.0	160.6	49.8	-160.1	0.00	0.00	0.00
4,100.0	3.42	17.24	4,094.8	166.3	51.6	-165.8	0.00	0.00	0.00
4,200.0	3.42	17.24	4,194.7	172.0	53.4	-171.5	0.00	0.00	0.00
4,300.0	3.42	17.24	4,294.5	177.7	55.1	-177.2	0.00	0.00	0.00
4,400.0	3.42	17.24	4,394.3	183.4	56.9	-182.9	0.00	0.00	0.00
4,500.0	3.42	17.24	4,494.1	189.1	58.7	-188.5	0.00	0.00	0.00
4,600.0	3.42	17.24	4,594.0	194.8	60.4	-194.2	0.00	0.00	0.00
4,700.0	3.42	17.24	4,693.8	200.5	62.2	-199.9	0.00	0.00	0.00
4,800.0	3.42	17.24	4,793.6	206.2	64.0	-205.6	0.00	0.00	0.00
4,900.0	3.42	17.24	4,893.4	211.9	65.7	-211.3	0.00	0.00	0.00
5,000.0	3.42	17.24	4,993.2	217.6	67.5	-217.0	0.00	0.00	0.00
5,100.0	3.42	17.24	5,093.1	223.3	69.3	-222.7	0.00	0.00	0.00
5,200.0	3.42	17.24	5,192.9	229.0	71.1	-228.4	0.00	0.00	0.00

EOG Resources

Planning Report

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Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26 @ 3421.0usft
Site:	Fearless 26 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,300.0	3.42	17.24	5,292.7	234.7	72.8	-234.0	0.00	0.00	0.00
5,400.0	3.42	17.24	5,392.5	240.4	74.6	-239.7	0.00	0.00	0.00
5,500.0	3.42	17.24	5,492.3	246.1	76.4	-245.4	0.00	0.00	0.00
5,600.0	3.42	17.24	5,592.2	251.8	78.1	-251.1	0.00	0.00	0.00
5,700.0	3.42	17.24	5,692.0	257.5	79.9	-256.8	0.00	0.00	0.00
5,800.0	3.42	17.24	5,791.8	263.2	81.7	-262.5	0.00	0.00	0.00
5,900.0	3.42	17.24	5,891.6	268.9	83.4	-268.2	0.00	0.00	0.00
6,000.0	3.42	17.24	5,991.5	274.7	85.2	-273.9	0.00	0.00	0.00
6,100.0	3.42	17.24	6,091.3	280.4	87.0	-279.6	0.00	0.00	0.00
6,200.0	3.42	17.24	6,191.1	286.1	88.8	-285.2	0.00	0.00	0.00
6,300.0	3.42	17.24	6,290.9	291.8	90.5	-290.9	0.00	0.00	0.00
6,400.0	3.42	17.24	6,390.7	297.5	92.3	-296.6	0.00	0.00	0.00
6,500.0	3.42	17.24	6,490.6	303.2	94.1	-302.3	0.00	0.00	0.00
6,600.0	3.42	17.24	6,590.4	308.9	95.8	-308.0	0.00	0.00	0.00
6,700.0	3.42	17.24	6,690.2	314.6	97.6	-313.7	0.00	0.00	0.00
6,800.0	3.42	17.24	6,790.0	320.3	99.4	-319.4	0.00	0.00	0.00
6,900.0	3.42	17.24	6,889.8	326.0	101.1	-325.1	0.00	0.00	0.00
7,000.0	3.42	17.24	6,989.7	331.7	102.9	-330.8	0.00	0.00	0.00
7,100.0	3.42	17.24	7,089.5	337.4	104.7	-336.4	0.00	0.00	0.00
7,200.0	3.42	17.24	7,189.3	343.1	106.4	-342.1	0.00	0.00	0.00
7,300.0	3.42	17.24	7,289.1	348.8	108.2	-347.8	0.00	0.00	0.00
7,400.0	3.42	17.24	7,389.0	354.5	110.0	-353.5	0.00	0.00	0.00
7,428.0	3.42	17.24	7,416.9	356.1	110.5	-355.1	0.00	0.00	0.00
7,500.0	1.98	17.24	7,488.8	359.4	111.5	-358.3	2.00	-2.00	0.00
7,599.2	0.00	0.00	7,588.0	361.0	112.0	-360.0	2.00	-2.00	0.00
7,700.0	0.00	0.00	7,688.8	361.0	112.0	-360.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,788.8	361.0	112.0	-360.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,888.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,000.0	0.00	0.00	7,988.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,088.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,188.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,288.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,388.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,488.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,588.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,688.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,788.8	361.0	112.0	-360.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,888.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,000.0	0.00	0.00	8,988.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,088.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,188.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,288.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,388.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,488.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,588.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,688.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,788.8	361.0	112.0	-360.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,888.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,000.0	0.00	0.00	9,988.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,088.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,188.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,288.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,388.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,488.8	361.0	112.0	-360.0	0.00	0.00	0.00

EOG Resources

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well #705H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 26 @ 3421.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26 @ 3421.0usft
Site:	Fearless 26 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,600.0	0.00	0.00	10,588.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,700.0	0.00	0.00	10,688.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,800.0	0.00	0.00	10,788.8	361.0	112.0	-360.0	0.00	0.00	0.00
10,900.0	0.00	0.00	10,888.8	361.0	112.0	-360.0	0.00	0.00	0.00
11,000.0	0.00	0.00	10,988.8	361.0	112.0	-360.0	0.00	0.00	0.00
11,100.0	0.00	0.00	11,088.8	361.0	112.0	-360.0	0.00	0.00	0.00
11,200.0	0.00	0.00	11,188.8	361.0	112.0	-360.0	0.00	0.00	0.00
11,300.0	0.00	0.00	11,288.8	361.0	112.0	-360.0	0.00	0.00	0.00
11,400.0	0.00	0.00	11,388.8	361.0	112.0	-360.0	0.00	0.00	0.00
11,500.0	0.00	0.00	11,488.8	361.0	112.0	-360.0	0.00	0.00	0.00
11,600.0	0.00	0.00	11,588.8	361.0	112.0	-360.0	0.00	0.00	0.00
11,664.7	0.00	0.00	11,653.5	361.0	112.0	-360.0	0.00	0.00	0.00
11,675.0	1.24	180.00	11,663.8	360.9	112.0	-359.9	12.00	12.00	0.00
11,700.0	4.24	180.00	11,688.8	359.7	112.0	-358.7	12.00	12.00	0.00
11,725.0	7.24	180.00	11,713.6	357.2	112.0	-356.2	12.00	12.00	0.00
11,750.0	10.24	180.00	11,738.4	353.4	112.0	-352.4	12.00	12.00	0.00
11,775.0	13.24	180.00	11,762.8	348.3	112.0	-347.3	12.00	12.00	0.00
11,800.0	16.24	180.00	11,787.0	342.0	112.0	-340.9	12.00	12.00	0.00
11,825.0	19.24	180.00	11,810.8	334.3	112.0	-333.3	12.00	12.00	0.00
11,850.0	22.24	180.00	11,834.2	325.5	112.0	-324.5	12.00	12.00	0.00
11,875.0	25.24	180.00	11,857.1	315.4	112.0	-314.4	12.00	12.00	0.00
11,885.1	26.46	180.00	11,866.2	311.0	112.0	-310.0	12.00	12.00	0.00
11,900.0	28.24	179.98	11,879.4	304.2	112.0	-303.1	12.00	12.00	-0.15
11,925.0	31.24	179.94	11,901.1	291.8	112.0	-290.8	12.00	12.00	-0.13
11,950.0	34.24	179.92	11,922.1	278.3	112.0	-277.2	12.00	12.00	-0.11
11,975.0	37.24	179.89	11,942.4	263.7	112.1	-262.6	12.00	12.00	-0.10
12,000.0	40.24	179.87	11,961.9	248.0	112.1	-247.0	12.00	12.00	-0.08
12,025.0	43.24	179.85	11,980.6	231.4	112.1	-230.3	12.00	12.00	-0.07
12,050.0	46.24	179.84	11,998.3	213.8	112.2	-212.8	12.00	12.00	-0.07
12,075.0	49.24	179.82	12,015.1	195.3	112.2	-194.3	12.00	12.00	-0.06
12,100.0	52.24	179.81	12,030.9	175.9	112.3	-174.9	12.00	12.00	-0.05
12,125.0	55.24	179.80	12,045.7	155.8	112.4	-154.7	12.00	12.00	-0.05
12,150.0	58.24	179.78	12,059.4	134.9	112.4	-133.8	12.00	12.00	-0.05
12,175.0	61.24	179.77	12,072.0	113.3	112.5	-112.3	12.00	12.00	-0.04
12,200.0	64.24	179.76	12,083.5	91.1	112.6	-90.0	12.00	12.00	-0.04
12,225.0	67.24	179.75	12,093.8	68.3	112.7	-67.2	12.00	12.00	-0.04
12,250.0	70.24	179.74	12,102.8	45.0	112.8	-43.9	12.00	12.00	-0.04
12,275.0	73.24	179.74	12,110.7	21.2	112.9	-20.2	12.00	12.00	-0.04
12,300.0	76.24	179.73	12,117.2	-2.9	113.0	3.9	12.00	12.00	-0.03
12,325.0	79.24	179.72	12,122.5	-27.3	113.1	28.3	12.00	12.00	-0.03
12,350.0	82.24	179.71	12,126.6	-52.0	113.3	53.0	12.00	12.00	-0.03
12,375.0	85.24	179.70	12,129.3	-76.8	113.4	77.9	12.00	12.00	-0.03
12,400.0	88.24	179.69	12,130.7	-101.8	113.5	102.8	12.00	12.00	-0.03
12,414.7	90.00	179.69	12,130.9	-116.4	113.6	117.5	12.00	12.00	-0.03
12,500.0	90.00	179.69	12,130.9	-201.8	114.1	202.8	0.00	0.00	0.00
12,600.0	90.00	179.69	12,130.9	-301.8	114.6	302.8	0.00	0.00	0.00
12,700.0	90.00	179.69	12,131.0	-401.8	115.2	402.8	0.00	0.00	0.00
12,800.0	90.00	179.69	12,131.0	-501.8	115.7	502.8	0.00	0.00	0.00
12,900.0	90.00	179.69	12,131.0	-601.8	116.2	602.8	0.00	0.00	0.00
13,000.0	90.00	179.69	12,131.0	-701.8	116.8	702.8	0.00	0.00	0.00
13,100.0	90.00	179.69	12,131.0	-801.8	117.3	802.8	0.00	0.00	0.00
13,200.0	90.00	179.69	12,131.0	-901.8	117.9	902.8	0.00	0.00	0.00
13,300.0	90.00	179.69	12,131.0	-1,001.8	118.4	1,002.8	0.00	0.00	0.00
13,400.0	90.00	179.69	12,131.0	-1,101.8	119.0	1,102.8	0.00	0.00	0.00

eog resources

EOG Resources

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well #705H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 26 @ 3421.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26 @ 3421.0usft
Site:	Fearless 26 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,500.0	90.00	179.69	12,131.0	-1,201.8	119.5	1,202.8	0.00	0.00	0.00
13,600.0	90.00	179.69	12,131.0	-1,301.8	120.0	1,302.8	0.00	0.00	0.00
13,700.0	90.00	179.69	12,131.0	-1,401.8	120.6	1,402.8	0.00	0.00	0.00
13,800.0	90.00	179.69	12,131.0	-1,501.8	121.1	1,502.8	0.00	0.00	0.00
13,900.0	90.00	179.69	12,131.0	-1,601.8	121.7	1,602.8	0.00	0.00	0.00
14,000.0	90.00	179.69	12,131.0	-1,701.8	122.2	1,702.8	0.00	0.00	0.00
14,100.0	90.00	179.69	12,131.0	-1,801.8	122.8	1,802.8	0.00	0.00	0.00
14,200.0	90.00	179.69	12,131.0	-1,901.8	123.3	1,902.8	0.00	0.00	0.00
14,300.0	90.00	179.69	12,131.0	-2,001.8	123.8	2,002.8	0.00	0.00	0.00
14,400.0	90.00	179.69	12,131.0	-2,101.8	124.4	2,102.8	0.00	0.00	0.00
14,500.0	90.00	179.69	12,131.0	-2,201.8	124.9	2,202.8	0.00	0.00	0.00
14,512.2	90.00	179.69	12,131.0	-2,214.0	125.0	2,215.0	0.00	0.00	0.00
14,600.0	90.00	179.70	12,131.0	-2,301.8	125.5	2,302.8	0.01	0.00	0.01
14,700.0	90.00	179.72	12,131.0	-2,401.7	126.0	2,402.8	0.01	0.00	0.01
14,800.0	90.00	179.73	12,131.0	-2,501.7	126.5	2,502.8	0.01	0.00	0.01
14,900.0	90.00	179.74	12,131.0	-2,601.7	126.9	2,602.8	0.01	0.00	0.01
15,000.0	90.00	179.76	12,131.0	-2,701.7	127.4	2,702.8	0.01	0.00	0.01
15,100.0	90.00	179.77	12,131.0	-2,801.7	127.8	2,802.8	0.01	0.00	0.01
15,200.0	90.00	179.79	12,131.0	-2,901.7	128.1	2,902.8	0.01	0.00	0.01
15,300.0	90.00	179.80	12,131.0	-3,001.7	128.5	3,002.8	0.01	0.00	0.01
15,400.0	90.00	179.82	12,131.0	-3,101.7	128.8	3,102.8	0.01	0.00	0.01
15,500.0	90.00	179.83	12,131.0	-3,201.7	129.1	3,202.8	0.01	0.00	0.01
15,600.0	90.00	179.84	12,131.0	-3,301.7	129.4	3,302.8	0.01	0.00	0.01
15,700.0	90.00	179.86	12,131.0	-3,401.7	129.7	3,402.8	0.01	0.00	0.01
15,800.0	90.00	179.87	12,131.0	-3,501.7	129.9	3,502.8	0.01	0.00	0.01
15,900.0	90.00	179.89	12,131.0	-3,601.7	130.1	3,602.8	0.01	0.00	0.01
16,000.0	90.00	179.90	12,131.0	-3,701.7	130.3	3,702.8	0.01	0.00	0.01
16,100.0	90.00	179.92	12,131.0	-3,801.7	130.5	3,802.8	0.01	0.00	0.01
16,200.0	90.00	179.93	12,131.0	-3,901.7	130.6	3,902.8	0.01	0.00	0.01
16,300.0	90.00	179.94	12,131.0	-4,001.7	130.7	4,002.8	0.01	0.00	0.01
16,400.0	90.00	179.96	12,131.0	-4,101.7	130.8	4,102.8	0.01	0.00	0.01
16,500.0	90.00	179.97	12,131.0	-4,201.7	130.9	4,202.8	0.01	0.00	0.01
16,600.0	90.00	179.99	12,131.0	-4,301.7	130.9	4,302.8	0.01	0.00	0.01
16,700.0	90.00	180.00	12,131.0	-4,401.7	130.9	4,402.7	0.01	0.00	0.01
16,800.0	90.00	180.02	12,131.0	-4,501.7	130.9	4,502.7	0.01	0.00	0.01
16,900.0	90.00	180.03	12,131.0	-4,601.7	130.9	4,602.7	0.01	0.00	0.01
17,000.0	90.00	180.04	12,131.0	-4,701.7	130.8	4,702.7	0.01	0.00	0.01
17,100.0	90.00	180.06	12,131.0	-4,801.7	130.7	4,802.7	0.01	0.00	0.01
17,200.0	90.00	180.07	12,131.0	-4,901.7	130.6	4,902.7	0.01	0.00	0.01
17,300.0	90.00	180.09	12,131.0	-5,001.7	130.4	5,002.7	0.01	0.00	0.01
17,400.0	90.00	180.10	12,131.0	-5,101.7	130.3	5,102.7	0.01	0.00	0.01
17,500.0	90.00	180.12	12,131.0	-5,201.7	130.1	5,202.7	0.01	0.00	0.01
17,600.0	90.00	180.13	12,131.0	-5,301.7	129.9	5,302.7	0.01	0.00	0.01
17,700.0	90.00	180.14	12,131.1	-5,401.7	129.6	5,402.7	0.01	0.00	0.01
17,800.0	90.00	180.16	12,131.1	-5,501.7	129.4	5,502.7	0.01	0.00	0.01
17,900.0	90.00	180.17	12,131.1	-5,601.7	129.1	5,602.7	0.01	0.00	0.01
18,000.0	90.00	180.19	12,131.1	-5,701.7	128.8	5,702.7	0.01	0.00	0.01
18,100.0	90.00	180.20	12,131.1	-5,801.7	128.4	5,802.7	0.01	0.00	0.01
18,200.0	90.00	180.22	12,131.1	-5,901.7	128.1	5,902.7	0.01	0.00	0.01
18,300.0	90.00	180.23	12,131.1	-6,001.7	127.7	6,002.6	0.01	0.00	0.01
18,400.0	90.00	180.24	12,131.1	-6,101.7	127.3	6,102.6	0.01	0.00	0.01
18,500.0	90.00	180.26	12,131.1	-6,201.7	126.8	6,202.6	0.01	0.00	0.01
18,600.0	90.00	180.27	12,131.1	-6,301.7	126.3	6,302.6	0.01	0.00	0.01
18,700.0	90.00	180.29	12,131.1	-6,401.7	125.9	6,402.6	0.01	0.00	0.01

eog resources

EOG Resources

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well #705H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 26 @ 3421.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26 @ 3421.0usft
Site:	Fearless 26 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

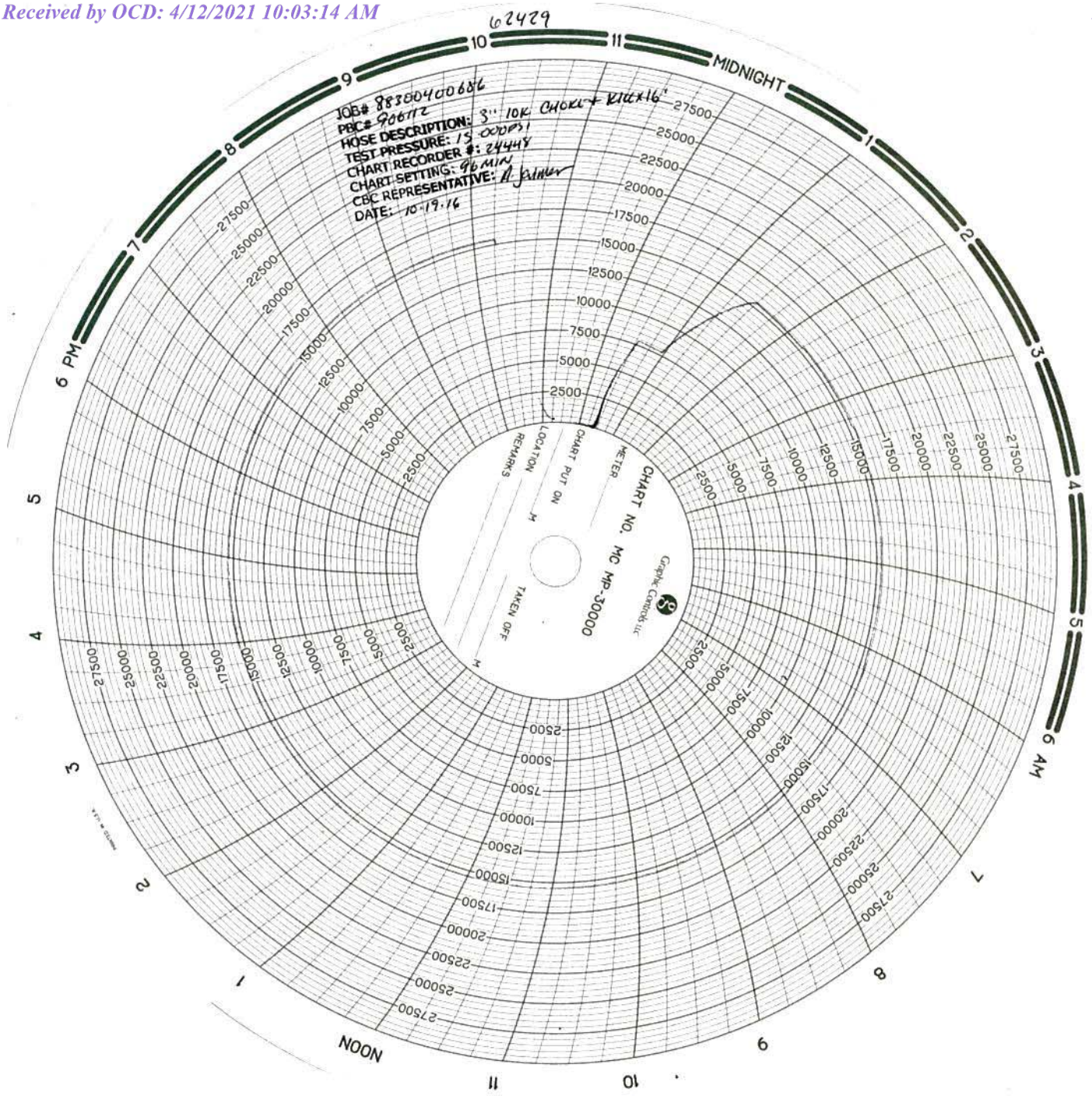
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,800.0	90.00	180.30	12,131.1	-6,501.7	125.3	6,502.6	0.01	0.00	0.01
18,900.0	90.00	180.32	12,131.1	-6,601.7	124.8	6,602.6	0.01	0.00	0.01
19,000.0	90.00	180.33	12,131.1	-6,701.7	124.2	6,702.6	0.01	0.00	0.01
19,100.0	90.00	180.35	12,131.1	-6,801.7	123.6	6,802.6	0.01	0.00	0.01
19,200.0	90.00	180.36	12,131.1	-6,901.7	123.0	6,902.6	0.01	0.00	0.01
19,300.0	90.00	180.37	12,131.0	-7,001.7	122.4	7,002.5	0.01	0.00	0.01
19,400.0	90.00	180.39	12,131.0	-7,101.7	121.7	7,102.5	0.01	0.00	0.01
19,500.0	90.00	180.40	12,131.0	-7,201.7	121.0	7,202.5	0.01	0.00	0.01
19,600.0	90.00	180.42	12,131.0	-7,301.7	120.3	7,302.5	0.01	0.00	0.01
19,700.0	90.00	180.43	12,131.0	-7,401.7	119.6	7,402.5	0.01	0.00	0.01
19,800.0	90.00	180.45	12,131.0	-7,501.7	118.8	7,502.5	0.01	0.00	0.01
19,900.0	90.00	180.46	12,131.0	-7,601.7	118.0	7,602.5	0.01	0.00	0.01
20,000.0	90.00	180.47	12,131.0	-7,701.7	117.2	7,702.4	0.01	0.00	0.01
20,100.0	90.00	180.49	12,131.0	-7,801.7	116.4	7,802.4	0.01	0.00	0.01
20,200.0	90.00	180.50	12,131.0	-7,901.7	115.5	7,902.4	0.01	0.00	0.01
20,300.0	90.00	180.52	12,131.0	-8,001.7	114.6	8,002.4	0.01	0.00	0.01
20,400.0	90.00	180.53	12,131.0	-8,101.7	113.7	8,102.4	0.01	0.00	0.01
20,500.0	90.00	180.55	12,131.0	-8,201.7	112.8	8,202.4	0.01	0.00	0.01
20,600.0	90.00	180.56	12,131.0	-8,301.7	111.8	8,302.4	0.01	0.00	0.01
20,700.0	90.00	180.57	12,131.0	-8,401.7	110.8	8,402.3	0.01	0.00	0.01
20,800.0	90.00	180.59	12,131.0	-8,501.7	109.8	8,502.3	0.01	0.00	0.01
20,900.0	90.00	180.60	12,131.0	-8,601.7	108.8	8,602.3	0.01	0.00	0.01
21,000.0	90.00	180.62	12,131.0	-8,701.7	107.7	8,702.3	0.01	0.00	0.01
21,100.0	90.00	180.63	12,131.0	-8,801.7	106.6	8,802.3	0.01	0.00	0.01
21,200.0	90.00	180.65	12,131.0	-8,901.6	105.5	8,902.2	0.01	0.00	0.01
21,300.0	90.00	180.66	12,131.0	-9,001.6	104.4	9,002.2	0.01	0.00	0.01
21,400.0	90.00	180.67	12,131.0	-9,101.6	103.2	9,102.2	0.01	0.00	0.01
21,500.0	90.00	180.69	12,131.0	-9,201.6	102.0	9,202.2	0.01	0.00	0.01
21,600.0	90.00	180.70	12,131.0	-9,301.6	100.8	9,302.1	0.01	0.00	0.01
21,700.0	90.00	180.72	12,131.0	-9,401.6	99.6	9,402.1	0.01	0.00	0.01
21,800.0	90.00	180.73	12,131.0	-9,501.6	98.3	9,502.1	0.01	0.00	0.01
21,900.0	90.00	180.75	12,131.0	-9,601.6	97.0	9,602.1	0.01	0.00	0.01
22,000.0	90.00	180.76	12,131.0	-9,701.6	95.7	9,702.1	0.01	0.00	0.01
22,100.0	90.00	180.77	12,131.0	-9,801.6	94.3	9,802.0	0.01	0.00	0.01
22,200.0	90.00	180.79	12,131.0	-9,901.6	93.0	9,902.0	0.01	0.00	0.01
22,300.0	90.00	180.80	12,131.0	-10,001.6	91.6	10,002.0	0.01	0.00	0.01
22,342.4	90.00	180.81	12,131.0	-10,044.0	91.0	10,044.4	0.01	0.00	0.01

EOG Resources
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well #705H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 26 @ 3421.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26 @ 3421.0usft
Site:	Fearless 26 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP (Fearless 23 Fed C - plan hits target center - Point	0.00	0.01	11,653.5	361.0	112.0	403,922.00	754,615.00	32° 6' 30.915 N	103° 38' 40.233 W
FTP (Fearless 23 Fed C - plan hits target center - Point	0.00	0.00	11,866.2	311.0	112.0	403,872.00	754,615.00	32° 6' 30.420 N	103° 38' 40.237 W
Fed PP (Fearless 23 Fe - plan hits target center - Point	0.00	0.00	12,131.0	-2,214.0	125.0	401,347.00	754,628.00	32° 6' 5.433 N	103° 38' 40.273 W
PBHL (Fearless 23 Fed - plan hits target center - Point	0.00	0.00	12,131.0	-10,044.0	91.0	393,517.00	754,594.00	32° 4' 47.953 N	103° 38' 41.249 W
Fed PP 1 (Fearless 23 F - plan misses target center by 8.4usft at 17153.2usft MD (12131.0 TVD, -4855.0 N, 130.6 E) - Point	0.00	0.00	12,131.0	-4,855.0	139.0	398,706.00	754,642.00	32° 5' 39.298 N	103° 38' 40.306 W


62429
JOB# 883004000686
PBC# 906112
HOSE DESCRIPTION: 3" 10K CHOKE + KILL x 16'
TEST PRESSURE: 15,000PSI
CHART RECORDER #: 24448
CHART SETTING: 96 MIN
CBC REPRESENTATIVE: A. Palmer
DATE: 10-19-16
MIDNIGHT
NOON
6 PM
6 AM
CHART NO.
MC MP-30000
METER
CHART PUT ON
LOCATION
REMARKS
TAKEN OFF
Graphic Controls

Hose Inspection Report

ContiTech Oil & Marine

Customer	Customer Reference #	CBC Reference #	CBC Inspector	Date of Inspection
H&P Drilling	740021604	COM906112	A. Jaimes	10/17/2016

Hose Manufacturer	Contitech Rubber Industrial

Hose Serial #	62429	**Date of Manufacture**	05/2012
Hose I.D.	3"	**Working Pressure**	10000PSI
Hose Type	Choke and Kill	**Test Pressure**	15000PSI
Manufacturing Standard	API 16C		

Connections

End A: 3.1/16" 10KPsi API Spec 6A Type 6BX Flange	**End B:** 3.1/16" 10Kpsi API Spec 6A Type 6BX Flange
• No damage	• No damage
Material: Carbon Steel	**Material:** Carbon Steel
Seal Face: BX154	**Seal Face:** BX154
Length Before Hydro Test: 16'	**Length After Hydro test:** 16'

Conclusion: Hose #62429 passed the external inspection with no notable damages to the hose armor. Internal borescope of the hose showed no damage to the hose liner. Hose #62429 passed the hydrostatic pressure test by holding a pressure of 15,000PSI for 60 minutes. **Hose #62429 is suitable for continued service.**

Recommendations: In general the hose should be inspected on a regular on-going basis. The frequency and degree of the inspection should as a minimum follow these guidelines:

Visual inspection: Every 3 months (or during installation/removal)
Annual: In-situ pressure test
Initial 5 years service: Major inspection
2nd Major inspection: 8 / 10 years of service
(Detailed description of test regime available upon request, ISS-059 Rev 04)

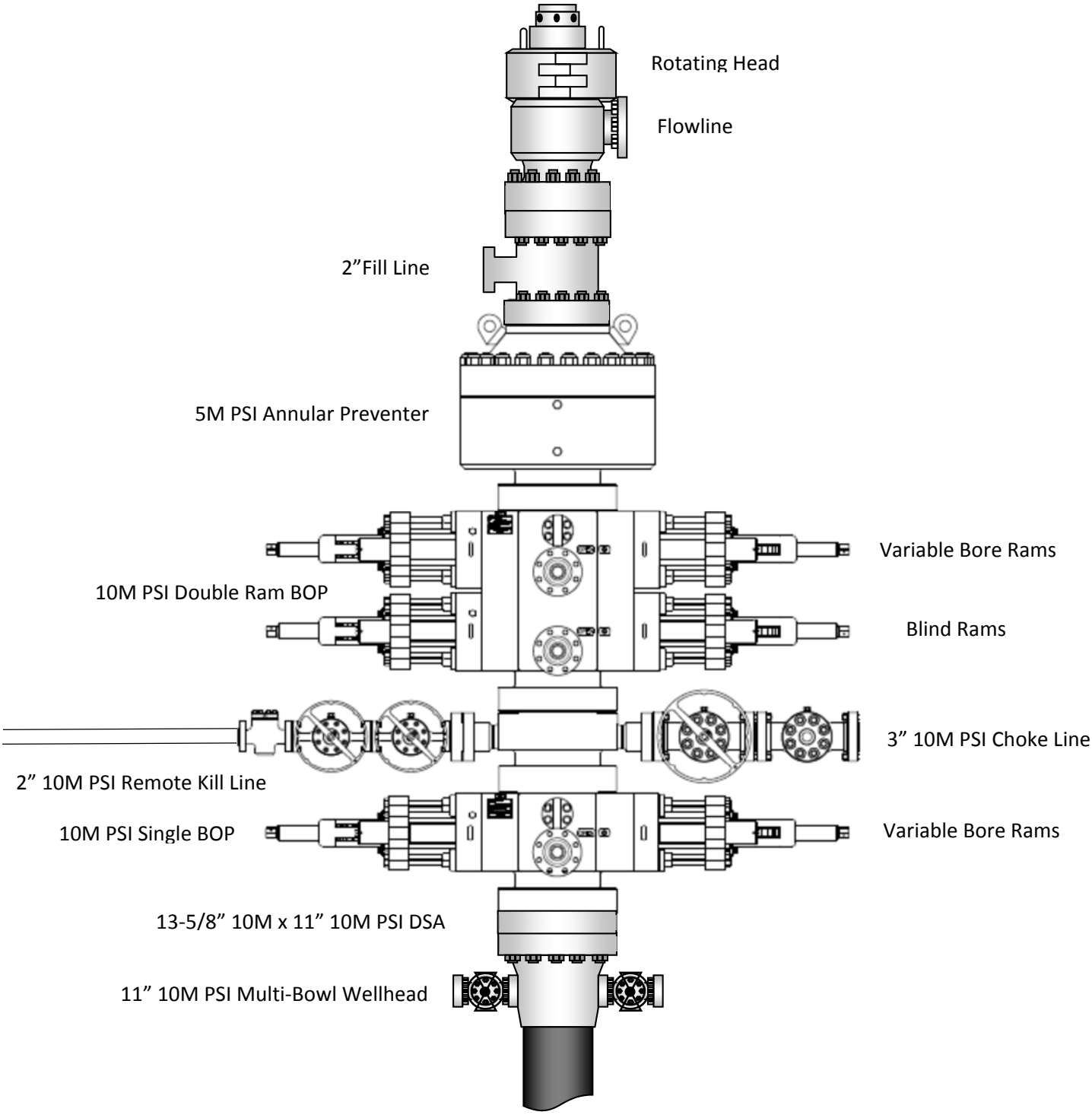
**NOTE: There are a number of critical elements in the hose that cannot be thoroughly checked through standard inspection techniques. Away from dissecting the hose body, the best way to evaluate the condition of the hose is through review of the operating conditions recorded during the hose service life, in particular maximums and peak conditions.

PASS

Issued By: Alejandro Jaimes
Date: 10/25/2016

Checked By: Jeremy Mckay
Date: 10/25/2016

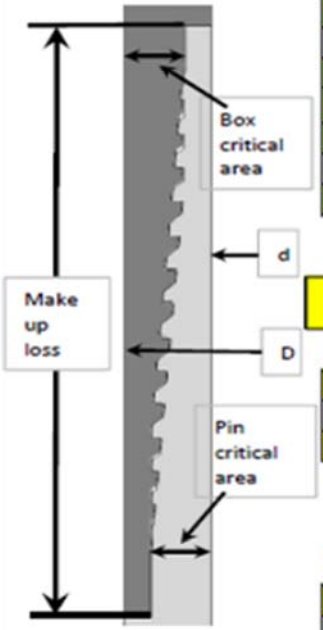
Exhibit 1
EOG Resources
11” 10M PSI BOP Stack



Metal One Corp.	MO-FXL	Page	MCTP
Metal One	Connection Data Sheet	Date	3-Nov-16
		Rev.	0

Geometry

MO-FXL



Pipe Body

	Imperial		S.I.	
Grade	P110HC *1		P110HC *1	
Pipe OD (D)	7 5/8	in	193.68	mm
Weight	29.70	lb/ft	44.25	kg/m
Actual weight	29.04		43.26	kg/m
Wall Thickness (t)	0.375	in	9.53	mm
Pipe ID (d)	6.875	in	174.63	mm
Pipe body cross section	8.537	in^2	5,508	mm^2
Drift Dia.	6.750	in	171.45	mm

Connection

Box OD (W)	7.625	in	193.68	mm
PIN ID	6.875	in	174.63	mm
Make up Loss	4.219	in	107.16	mm
Box Critical Area	5.714	in^2	3686	mm^2
Joint load efficiency	70	%	70	%
Thread Taper	1 / 10 (1.2" per ft)			
Number of Threads	5 TPI			

Performance

Performance Properties for Pipe Body

S.M.Y.S. *1	1,067	kips	4,747	kN
M.I.Y.P. *1	10,760	psi	74.21	MPa
Collapse Strength *1	7,360	psi	50.76	MPa

Note S.M.Y.S.= Specified Minimum YIELD Strength of Pipe body
M.I.Y.P. = Minimum Internal Yield Pressure of Pipe body
*1 Based on VSB P110HC (YS=125~140ksi)

Performance Properties for Connection

Tensile Yield load	747 kips (70% of S.M.Y.S.)
Min. Compression Yield	747 kips (70% of S.M.Y.S.)
Internal Pressure	8,610 psi (80% of M.I.Y.P.)
External Pressure	100% of Collapse Strength
Max. DLS (deg. /100ft)	40

Recommended Torque

Min.	15,500	ft-lb	21,000	N-m
Opti.	17,200	ft-lb	23,300	N-m
Max.	18,900	ft-lb	25,600	N-m
Operational Max.	23,600	ft-lb	32,000	N-m

Note : Operational Max. torque can be applied for high torque application

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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 23688

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
EOG RESOURCES INC P.O. Box 2267 Midland, TX79702	7377	23688	C-103A

OCD Reviewer	Condition
pkautz	None