Well Name: PEGASUS 3 FED COM

Well Location: T24S / R32E / SEC 3 / SESW / 32.2408713 / -103.6630417

County or Parish/State: LEA / NM

Well Number: 765H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM94850

Unit or CA Name:

Unit or CA Number:

US Well Number: 300254716900X1

Well Status: Producing Oil Well

Operator: EOG RESOURCES INCORPORATED

Notice of Intent

Sundry ID: 2644361

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 11/16/2021

Time Sundry Submitted: 02:15

Date proposed operation will begin: 11/30/2021

Procedure Description: EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes: Change name from Pegasus 3 Fed Com 707H to Pegasus 3 Fed Com 765H. Change BHL to T-23-S, R-32-E, Sec 34, 100' FNL, 1080' FEL, Lea Co., N.M. Change target formation to Wolfcamp M1. Update casing and cement program to current design. Update HSU to 640 acres.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Pegasus_3_Fed_Com_765H_Sundry_Info___Rev_Name__BHL__tgt__csg__HSU__Pilot_11.15.2021_20220215123315.pdf

10_M_Choke_Manifold_20211116141415.pdf

EOG_BLM_10M_Annular_Variance___9.675_in_20211116141411.pdf

Co_Flex_Hose_Test_Chart_20211116141410.pdf

5.500in_20.00_VST_P110EC_VAM_SFC_20211116141409.pdf

7.625in_29.70_P110HC_FXL_20211116141409.pdf

10_M_BOP_Diagram_9.675_in_20211116141409.pdf

Well Name: PEGASUS 3 FED COM	**Well Location:** T24S / R32E / SEC 3 / SESW / 32.2408713 / -103.6630417	**County or Parish/State:** LEA / NM
Well Number: 765H	**Type of Well:** OIL WELL	**Allottee or Tribe Name:**
Lease Number: NMNM94850	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 300254716900X1	**Well Status:** Producing Oil Well	**Operator:** EOG RESOURCES INCORPORATED

Co_Flex_Hose_Certification_20211116141409.pdf

5.500in_20.00_VST_P110EC_DWC_C_IS_MS_Spec_Sheet_20211116141408.pdf

Wellhead_9.675_in_20211116141319.pdf

Pegasus_3_Fed_Com_765H_Wall_Plot_20211116141214.pdf

Pegasus_3_Fed_Com_765H_Planning_Report_20211116141133.pdf

PEGASUS_3_FED_COM_765H_C_102_20211115144422.pdf

Conditions of Approval

Additional

Pegasus_3_Federal_Com_707H_DrillingCOA_20220218092924.pdf

Operator

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

Operator Electronic Signature: STAR HARRELL **Signed on:** FEB 15, 2022 12:33 PM

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 Name: Eric Brorman

Street Address: 5509 Champions Drive

City: Midland **State:** TX **Zip:** 79706

Phone: (432)556-1276

Email address: eric_brorman@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:** 02/18/2022

Signature: Chris Walls

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SESW / 556 FSL / 2474 FWL / TWSP: 24S / RANGE: 32E / SECTION: 3 / LAT: 32.2408713 / LONG: -103.6630417 (TVD: 0 feet, MD: 0 feet)

PPP: SESW / 100 FSL / 1830 FWL / TWSP: 23S / RANGE: 32E / SECTION: 3 / LAT: 32.2396077 / LONG: -103.6651244 (TVD: 11945 feet, MD: 12015 feet)

PPP: NESW / 0 FSL / 1830 FWL / TWSP: 24S / RANGE: 32E / SECTION: 34 / LAT: 32.2429604 / LONG: -103.6651253 (TVD: 12210 feet, MD: 13336 feet)

BHL: NENW / 100 FNL / 1830 FWL / TWSP: 23S / RANGE: 32E / SECTION: 34 / LAT: 32.2680726 / LONG: -103.6651322 (TVD: 12210 feet, MD: 22472 feet)

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	EOG Resources Incorporated
WELL NAME & NO.:	Pegasus 3 Fed Com 765H
LOCATION:	Sec 3-24S-32E-NMP
COUNTY:	Lea County, New Mexico

COA

H2S	○ Yes	◉ No	
Potash	◉ None	○ Secretary	○ R-111-P
Cave/Karst Potential	◉ Low	○ Medium	○ High
Cave/Karst Potential	○ Critical		
Variance	○ None	◉ Flex Hose	○ Other
Wellhead	○ Conventional	◉ Multibowl	○ Both
Other	☐ 4 String Area	☐ Capitan Reef	☐ WIPP
Other	☐ Fluid Filled	☐ Cement Squeeze	☑ Pilot Hole
Special Requirements	☐ Water Disposal	☑ COM	☐ Unit

ALL PREVIOUS COAs STILL APPLY.

A. CASING

Primary Casing Design:

1. The **9-5/8** inch surface casing shall be set at approximately **1275** feet (a minimum of **25 feet (Lea County)** into the Rustler Anhydrite and above the salt) and cemented to the surface.

    a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
    b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
    c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
    d. If cement falls back, remedial cementing will be done prior to drilling out that string.

2. The minimum required fill of cement behind the **7-5/8** inch intermediate casing is:

Option 1 (Single Stage):

- Cement to surface. If cement does not circulate see B.1.a, c-d above. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**

Option 2:

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.

b. Second stage above DV tool:

- Cement to surface. If cement does not circulate, contact the appropriate BLM office.
  Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.

3. The minimum required fill of cement behind the **5-1/2** inch production casing is:

Option 1 (Single Stage):

- Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

Option 2:

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.

b. Second stage above DV tool:

- Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

The pilot hole plugging procedure is approved as written. Note plug tops on subsequent drilling report. The BLM is to be contacted **(575-689-5981 Lea County)** when tagging the plugs.

Or,

Pilot hole is required to have a plug at the bottom of the hole. If two plugs are set, the BLM is to be contacted **(575-689-5981 Lea County)** prior to tag of bottom plug, which must be a minimum of 200' in length. Operator can set one plug from bottom of pilot hole to kick-off point and save the WOC time for tagging the first plug. Note plug tops on subsequent drilling report.

NMK2-16-2022

eog resources

Pegasus 3 Fed Com 765H

Revised Permit Information 11/15/2021:

Well Name: Pegasus 3 Fed Com 765H

Location: SHL: 556' FSL & 2474' FWL, Section 3, T-24-S, R-32-E, Lea Co., N.M.
BHL: 100' FNL & 1080' FEL, Section 34, T-23-S, R-32-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DFmin Collapse	DFmin Burst	DFmin Tension
12.25"	0' - 1,300'	9.625"	36#	J-55	LTC	1.125	1.25	1.6
8.75"	0' - 12,500'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.6
6.75"	0' - 12,000'	5.5"	20#	P110-EC	DWC/C IS MS	1.125	1.25	1.6
6.75"	12,000' - 12,500'	5.5"	20#	P110-EC	Vam Sprint SF	1.125	1.25	1.6
6.75"	12,500' - 23,828'	5.5"	20#	P110-EC	DWC/C IS MS	1.125	1.25	1.6

Variance is requested to waive 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 waive 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.

Variance is also requested to waive the annular clearance requirements for the 5-1/2" casing by 7-5/8" casing annulus to the proposed top of cement.

EOG requests permission 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 production open hole section.

Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,300' 9-5/8"	350	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% CaCl2 + 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 @ 1,100')
12,500' 7-5/8"	650	14.2	1.11	1st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 6,945')
	0	14.8	1.5	2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
14,200' 6" Pilot Hole	517	17.5	0.95	Plug: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 4,300')
23,828' 5-1/2"	1010	14.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 12,000')

eog resources

Pegasus 3 Fed Com 765H

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 top of cement at the Brushy Canyon (7,145') 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 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 will be verified by Echo-meter.

EOG will include the Echo-meter verified fluid top 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 – 1,300'	Fresh - Gel	8.6-8.8	28-34	N/c
1,300' – 12,500'	Brine	10.0-10.2	28-34	N/c
12,500’ – 13,157'	Oil Base	8.7-9.4	58-68	N/c - 6
13,157’ – 23,828’ Production Lateral	Oil Base	10.0-14.0	58-68	4 - 6
13,157’ – 14,200’ Pilot Hole	Oil Base	10.0-14.5	58-68	4 - 6

eog resources

Pegasus 3 Fed Com 765H

Wellhead:

EOG Resources Inc. (EOG) respectfully requests a variance from the minimum standards for well control equipment testing of Onshore Order No. 2 (item III.A.2.i) to allow a testing schedule of the blow out preventer (BOP) and blow out prevention equipment (BOPE) to include the following:

- Full BOP testing at first installation on the pad.
- Full BOP testing every 30 days per Onshore Order No. 2.
- Function testing BOP elements upon tripping per Onshore Order No. 2.
- Break testing BOP and BOPE coupled with batch drilling operations and production sections that does not penetrate the Wolfcamp or deeper formations.
- Production sections that does penetrate the Wolfcamp or deeper formations a full BOP test will be performed before drilling out of the Intermediate casing shoe.
- After the well section is cemented the BOP will be disconnected from wellhead and walked with the rig to the next well on the pad. The cemented well is secured with a blind flange and a pressure gauge for monitoring.

eog resources

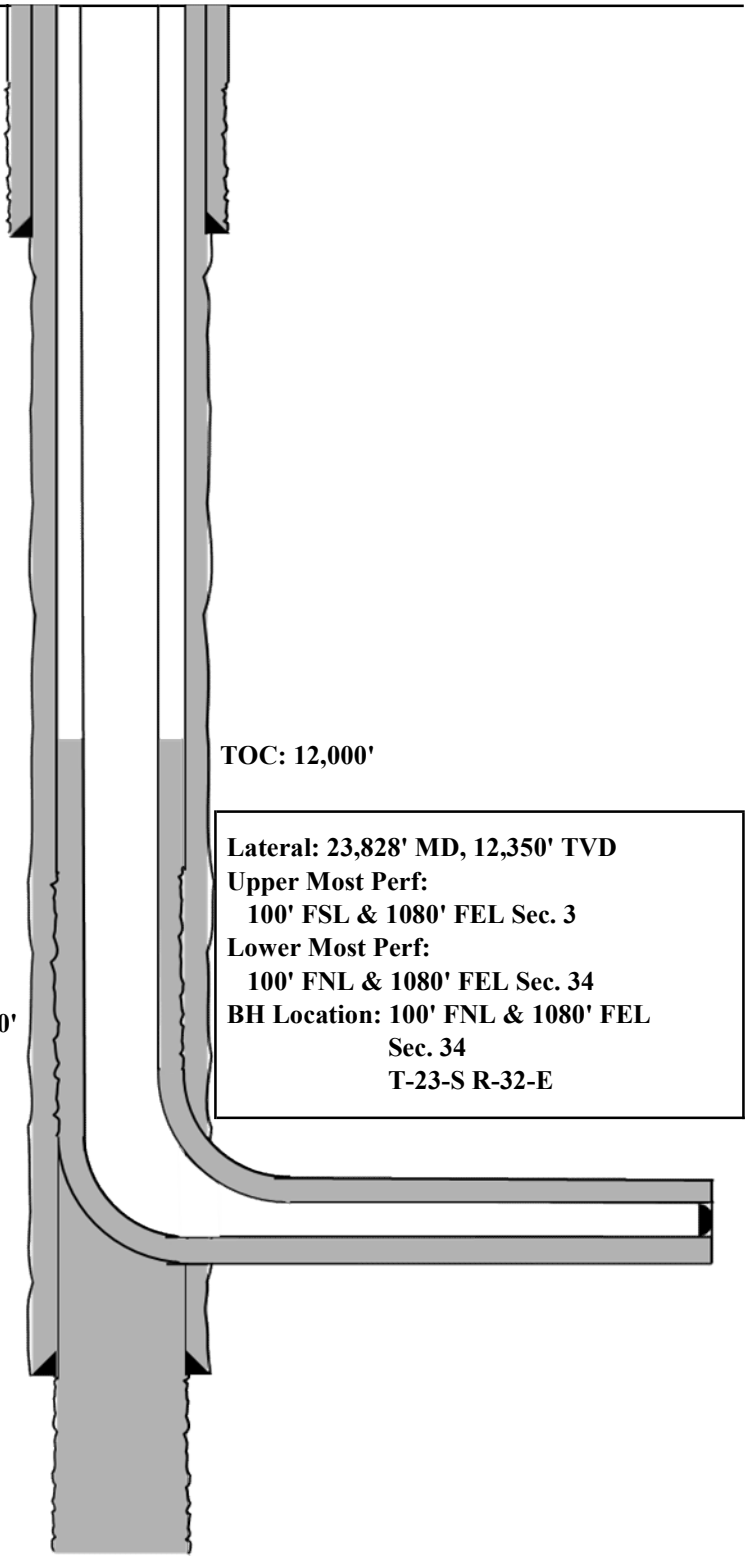
Pegasus 3 Fed Com 765H

556' FSL
2474' FWL
Section 3
T-24-S, R-32-E

Revised Wellbore

API: 30-025-47169

KB: 3669'
GL: 3644'



Bit Size: 12-1/4"
9-5/8", 36#, J-55, LTC, 0' - 1,300'

Bit Size: 8-3/4"
7-5/8", 29.7#, HCP-110, FXL, 0' - 12,500'

TOC: 12,000'

Lateral: 23,828' MD, 12,350' TVD
Upper Most Perf:
100' FSL & 1080' FEL Sec. 3
Lower Most Perf:
100' FNL & 1080' FEL Sec. 34
BH Location: 100' FNL & 1080' FEL
Sec. 34
T-23-S R-32-E

Bit Size: 6-3/4"

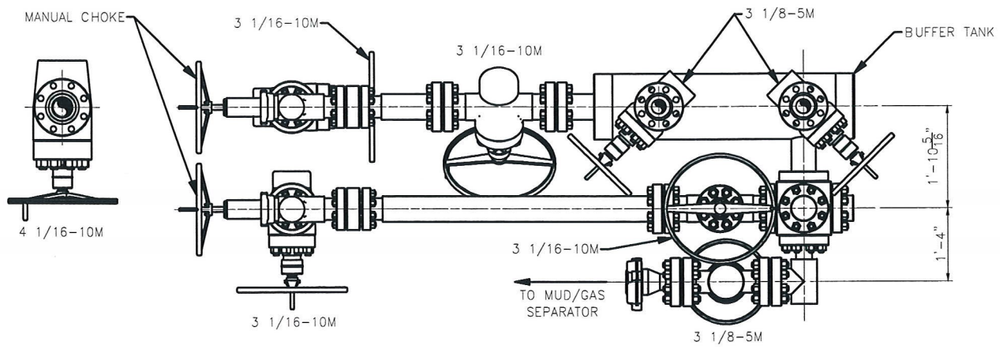
5-1/2", 20#, P110-EC, DWC/C IS MS, @ 0' - 12,000'

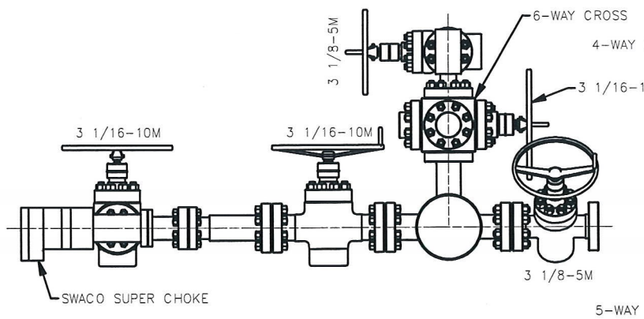
5-1/2", 20#, P110-EC, Vam Sprint SF, @ 12,000' - 12,500'

5-1/2", 20#, P110-EC, DWC/C IS MS, @ 12,500' - 23,828'

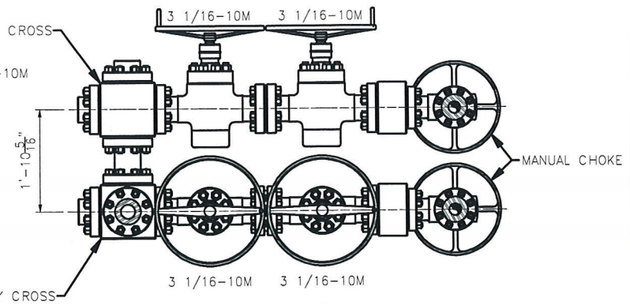
KOP: 13,157'

Bit Size: 6" (Pilot hole vertical, 14,200' MD/14,200' TVD).
Cement from 12,200 to 14,200'

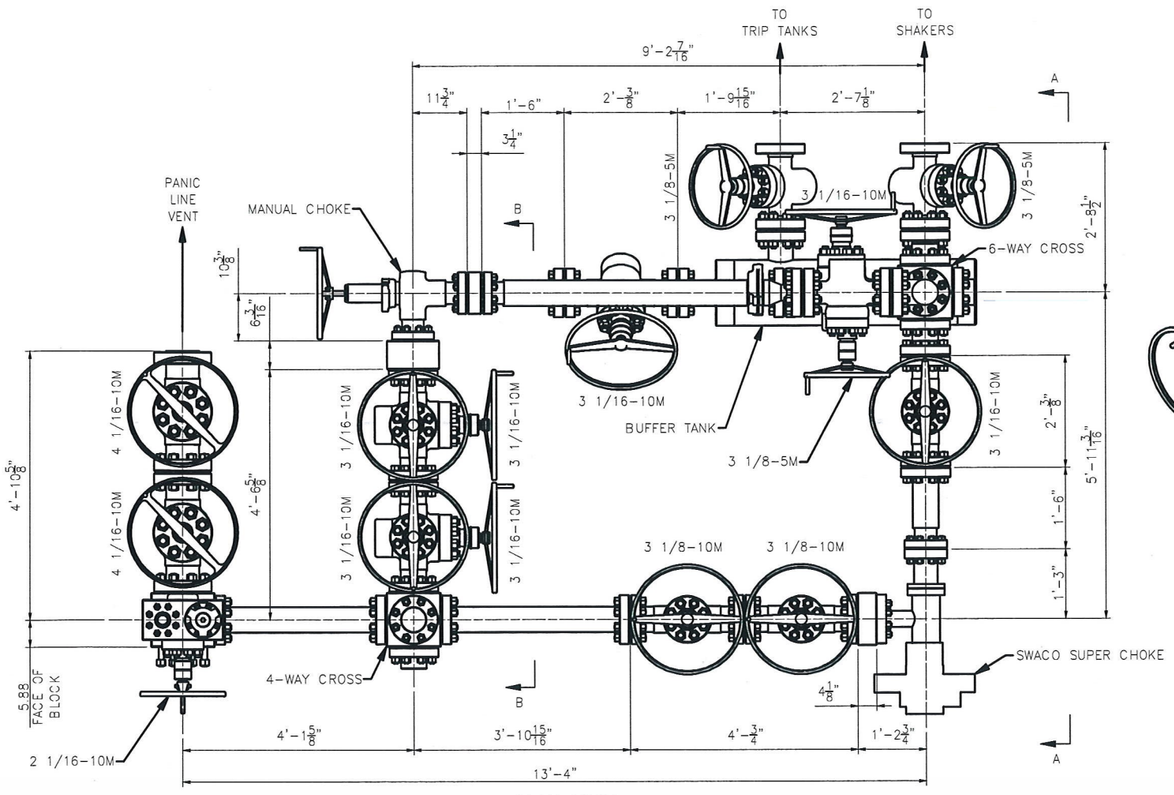




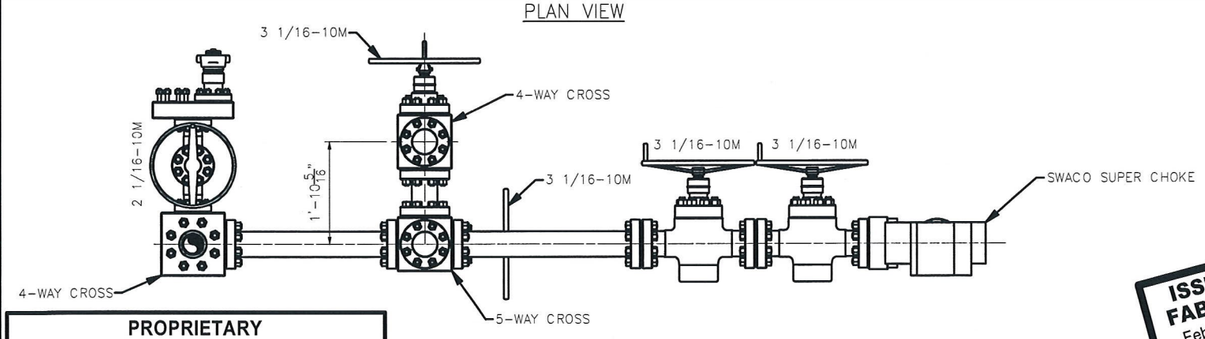
VIEW A–A

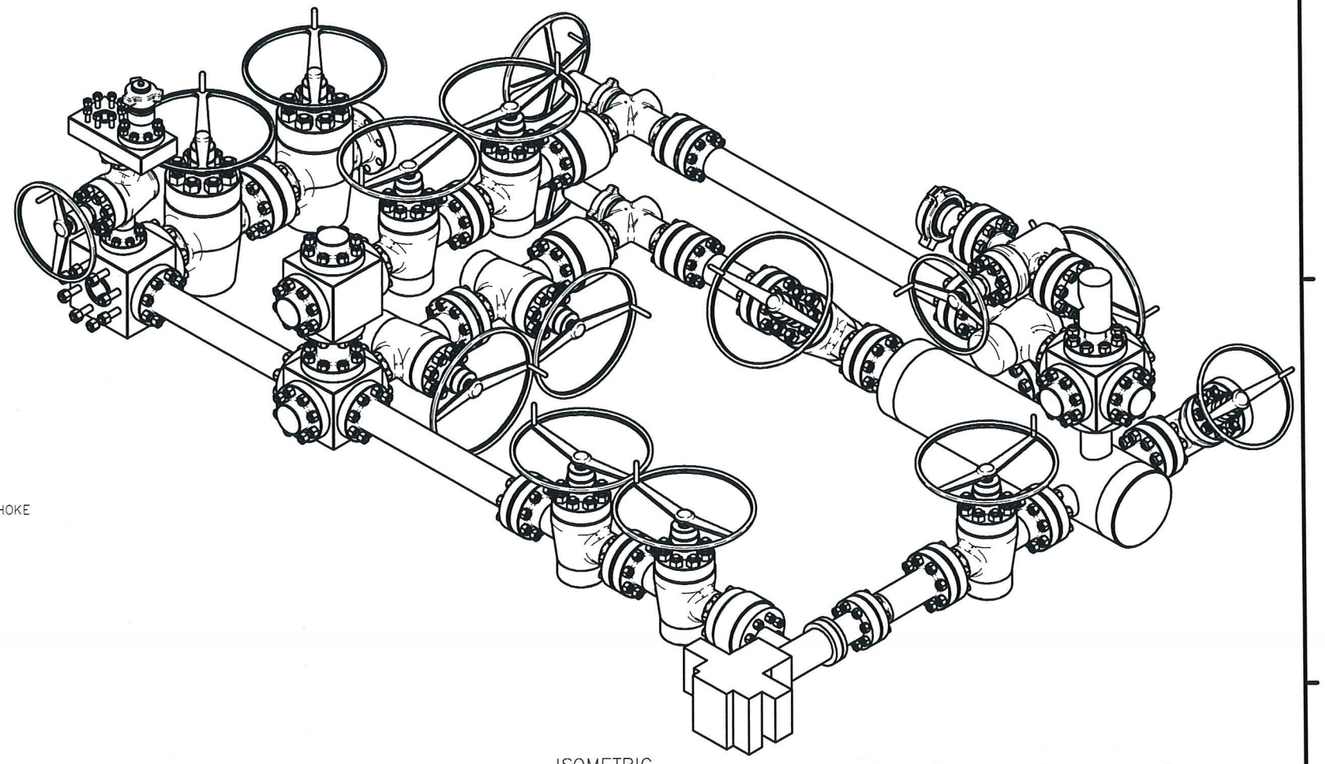


SECTION B–B



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: MWL | DATE: 2/10/2014 | DWG. NO.: HP-D1254 | REV: –

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

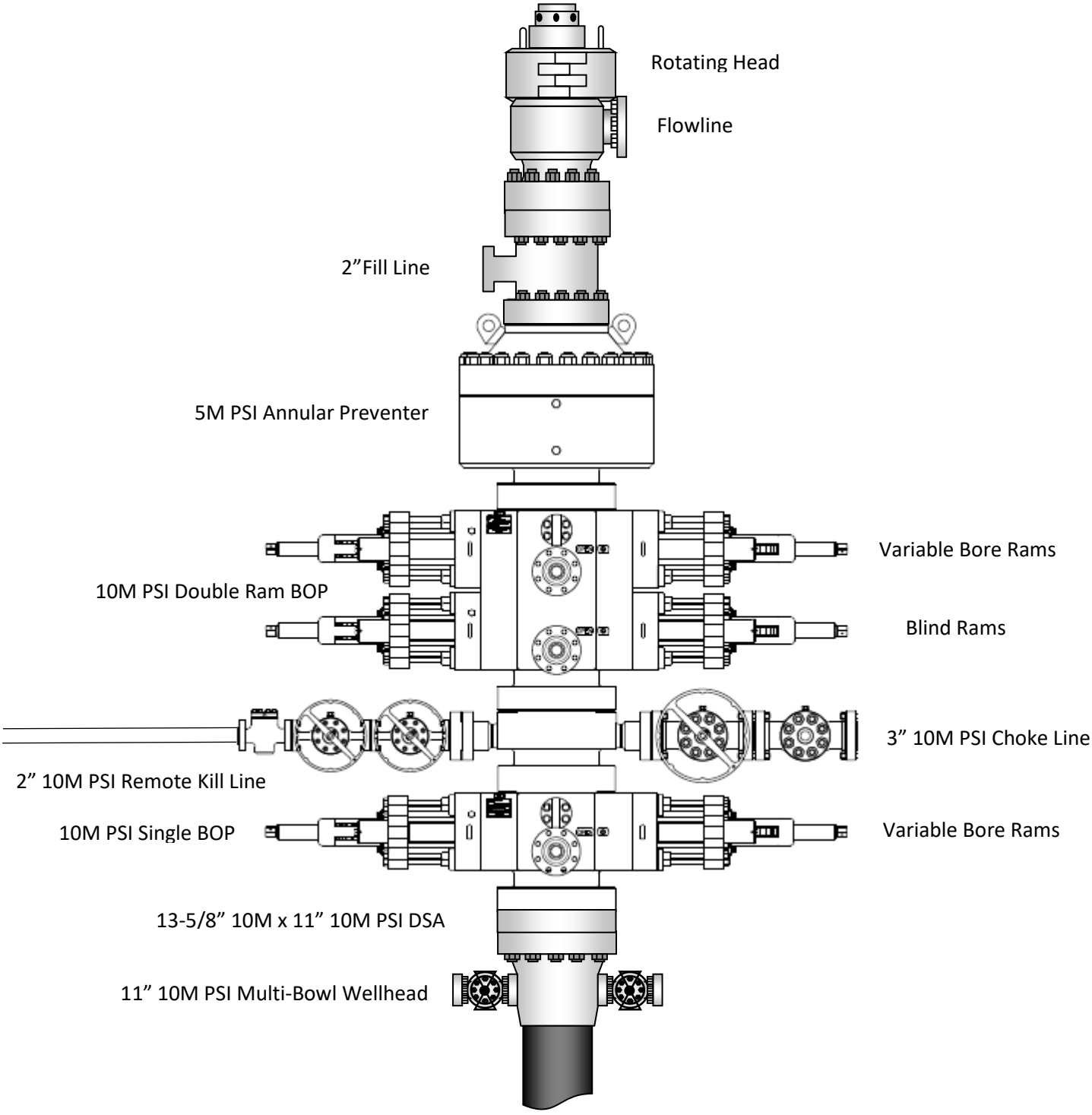
The tables below outlines the tubulars and the compatible preventers in use. This table, combined with the drilling fluid, documents that two barriers to flow will be maintained at all times.

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

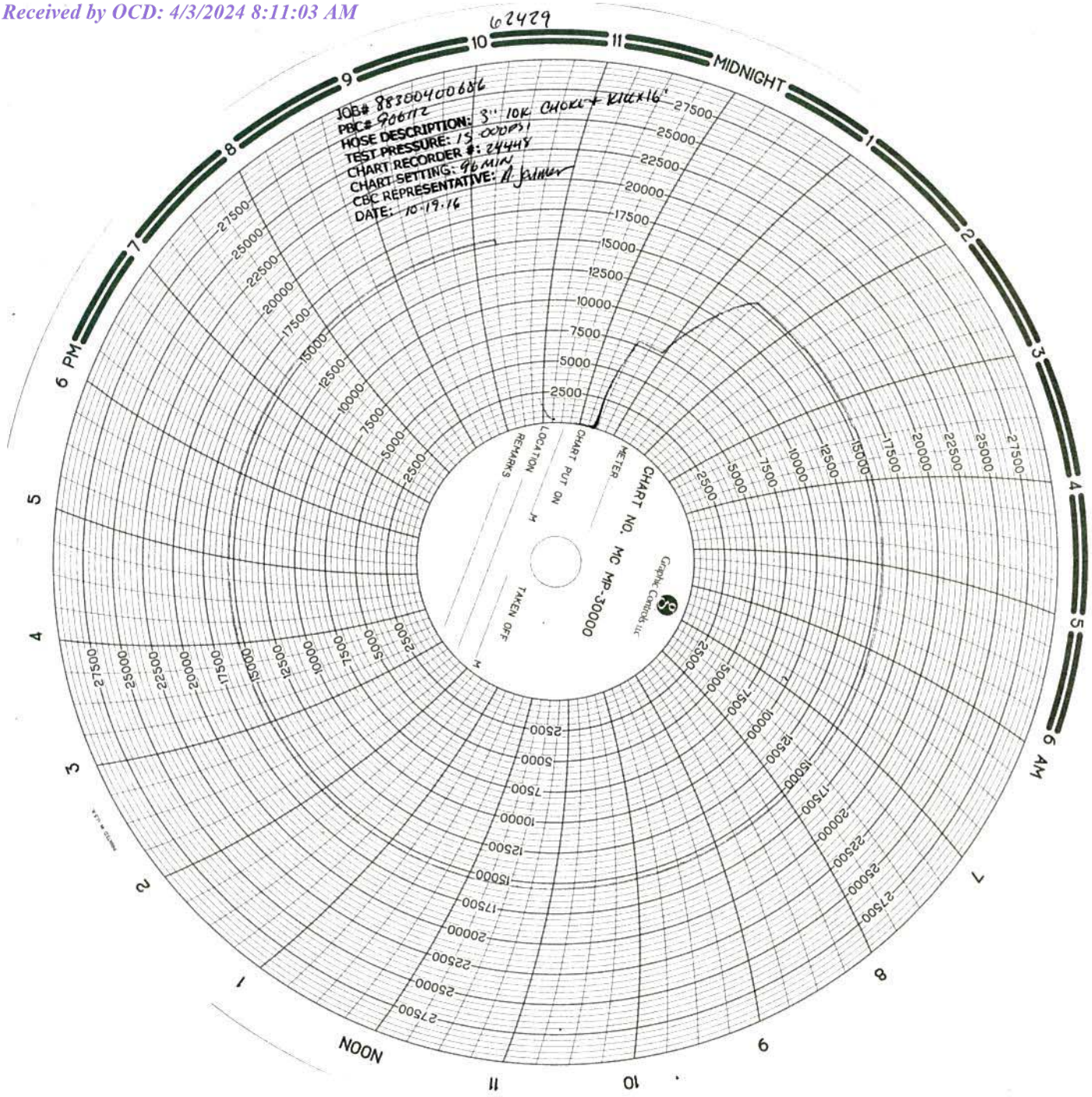
1. PRIOR to pulling last joint of drillpipe thru the stack.
    a. Perform flowcheck, if flowing:
    b. Sound alarm (alert crew)
    c. Stab full opening safety valve and close
    d. Space out drill string with tool joint just beneath the upper variable bore rams.
    e. Shut-in using upper variable 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

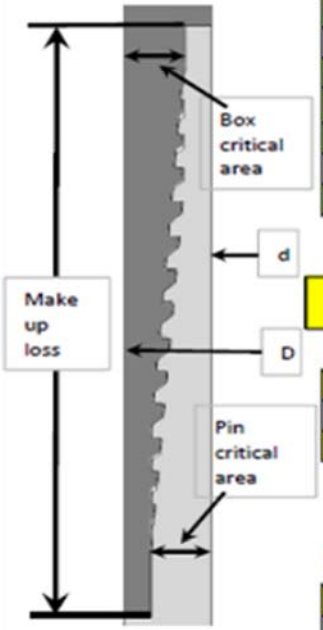
3. With BHA in the stack and NO compatible ram preventer and pipe combo immediately available.
   a. Sound alarm (alert crew)
   b. If possible to pick up high enough, pull string clear of the stack and follow "Open Hole" scenario.
   c. If impossible to pick up high enough to pull the string clear of 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


62429
JOB# 8830040068
PBC# 906112
HOSE DESCRIPTION: 3" 10K CHOKE + KILL x 16'
TEST PRESSURE: 15,000 PSI
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

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

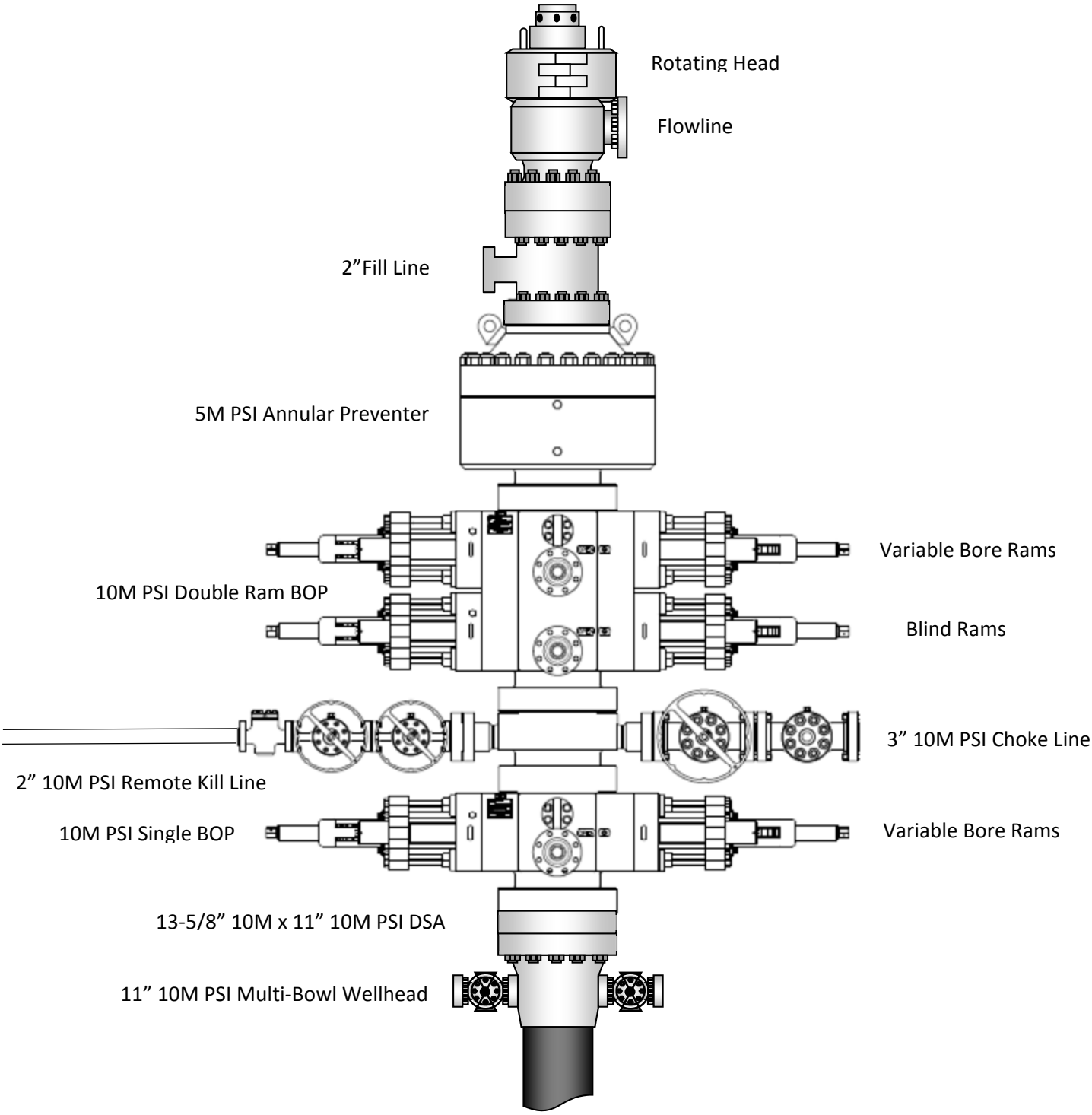
Tensile Yield load	747 kips (70% of S.M.Y.S.)
Min. Compression Yield	747 kips (70% of S.M.Y.S.)
Internal Pressure	8,610 psi (80% of M.I.Y.P.)
External Pressure	100% of Collapse Strength
Max. DLS (deg. /100ft)	40

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

Exhibit 1
EOG Resources
11” 10M PSI BOP Stack



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)

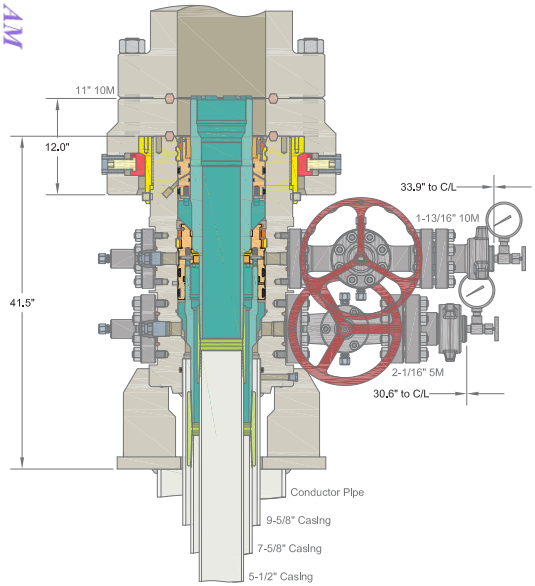
**NOTE: There are a number of critical elements in the hose that cannot be thoroughly checked through standard inspection techniques. Away from dissecting the hose body, the best way to evaluate the condition of the hose is through review of the operating conditions recorded during the hose service life,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

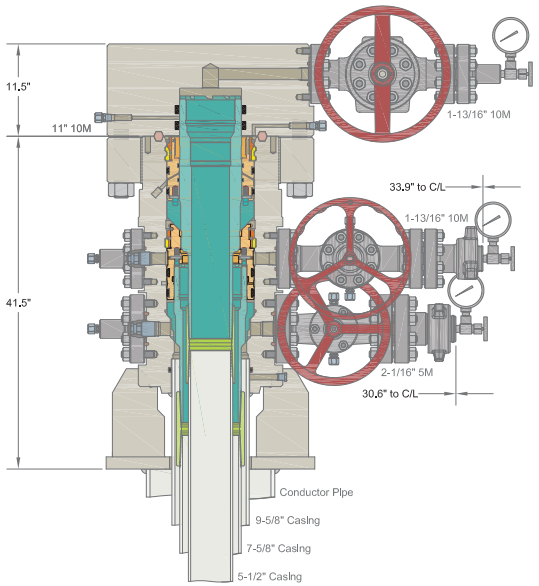
PASS

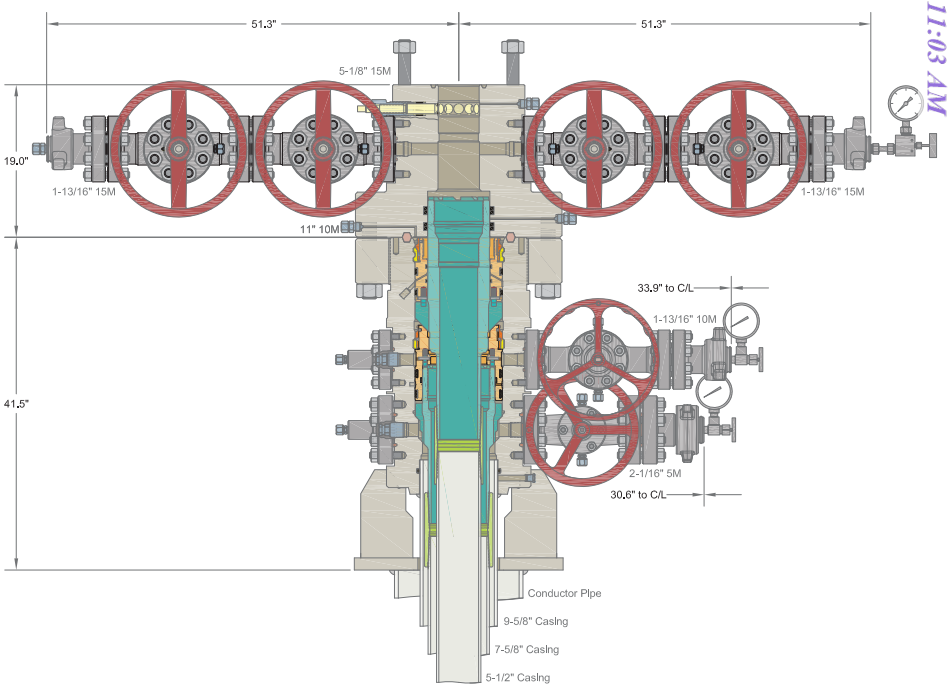
Issued By: Alejandro Jaimes
Date: 10/25/2016

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

QF97







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)

Pegasus 3 Fed Com #765H

Plan #0.1 RT

Azimuths to Grid North
True North: -0.36°
Magnetic North: 6.18°

Magnetic Field
Strength: 47449.6nT
Dip Angle: 59.89°
Date: 11/15/2021
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 6.18°
To convert a Magnetic Direction to a True Direction, Add 6.54° East
To convert a True Direction to a Grid Direction, Subtract 0.36°

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: #765H

3644.0
kb = 26' @ 3670.0usft

Northing	Easting	Latittude	Longitude
452009.00	748577.00	32.2408707°N	103.6630415°W

SECTION DETAILS

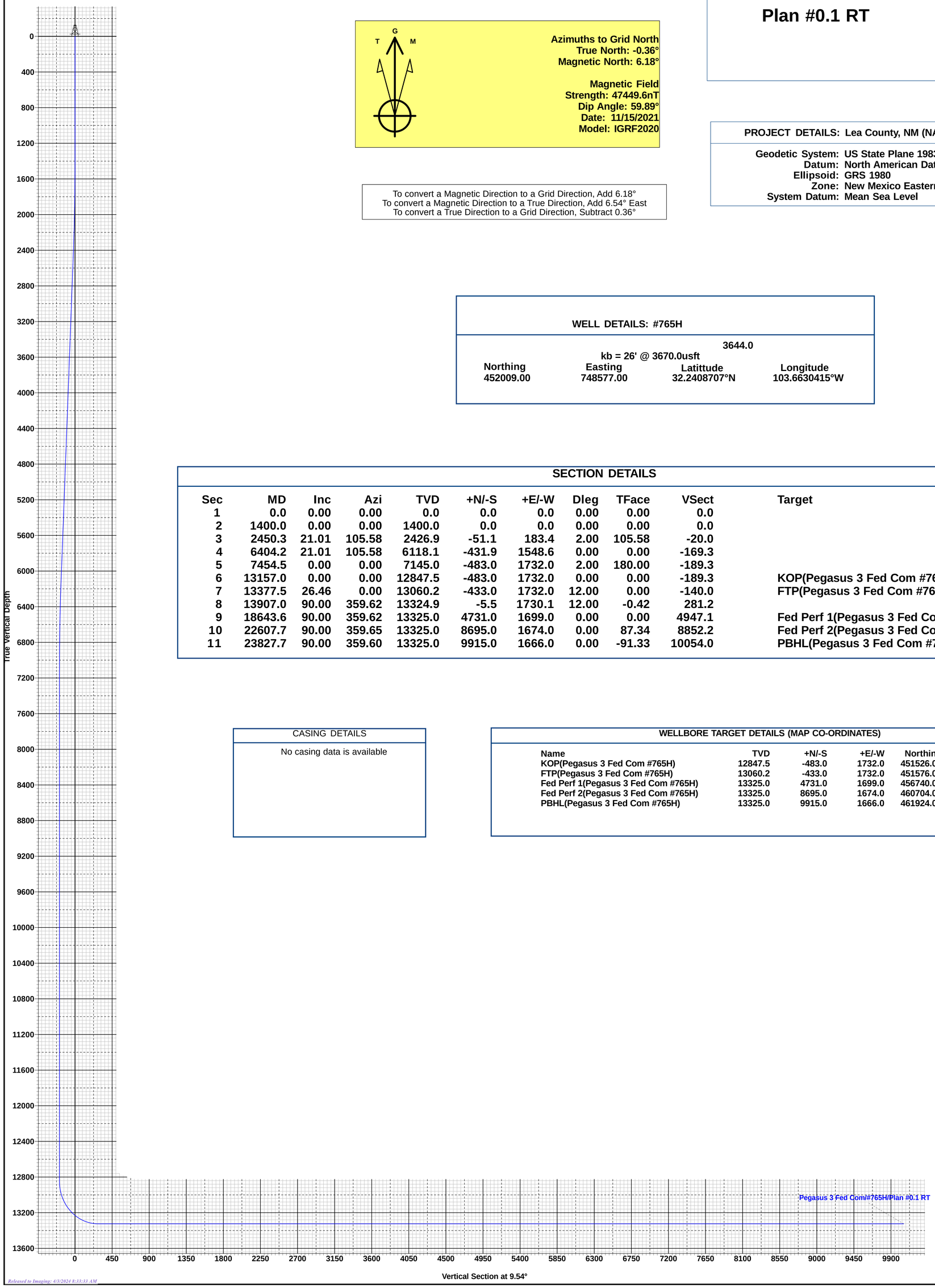
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	2450.3	21.01	105.58	2426.9	-51.1	183.4	2.00	105.58	-20.0	
4	6404.2	21.01	105.58	6118.1	-431.9	1548.6	0.00	0.00	-169.3	
5	7454.5	0.00	0.00	7145.0	-483.0	1732.0	2.00	180.00	-189.3	
6	13157.0	0.00	0.00	12847.5	-483.0	1732.0	0.00	0.00	-189.3	KOP(Pegasus 3 Fed Com #765H)
7	13377.5	26.46	0.00	13060.2	-433.0	1732.0	12.00	0.00	-140.0	FTP(Pegasus 3 Fed Com #765H)
8	13907.0	90.00	359.62	13324.9	-5.5	1730.1	12.00	-0.42	281.2	
9	18643.6	90.00	359.62	13325.0	4731.0	1699.0	0.00	0.00	4947.1	Fed Perf 1(Pegasus 3 Fed Com #765H)
10	22607.7	90.00	359.65	13325.0	8695.0	1674.0	0.00	87.34	8852.2	Fed Perf 2(Pegasus 3 Fed Com #765H)
11	23827.7	90.00	359.60	13325.0	9915.0	1666.0	0.00	-91.33	10054.0	PBHL(Pegasus 3 Fed Com #765H)

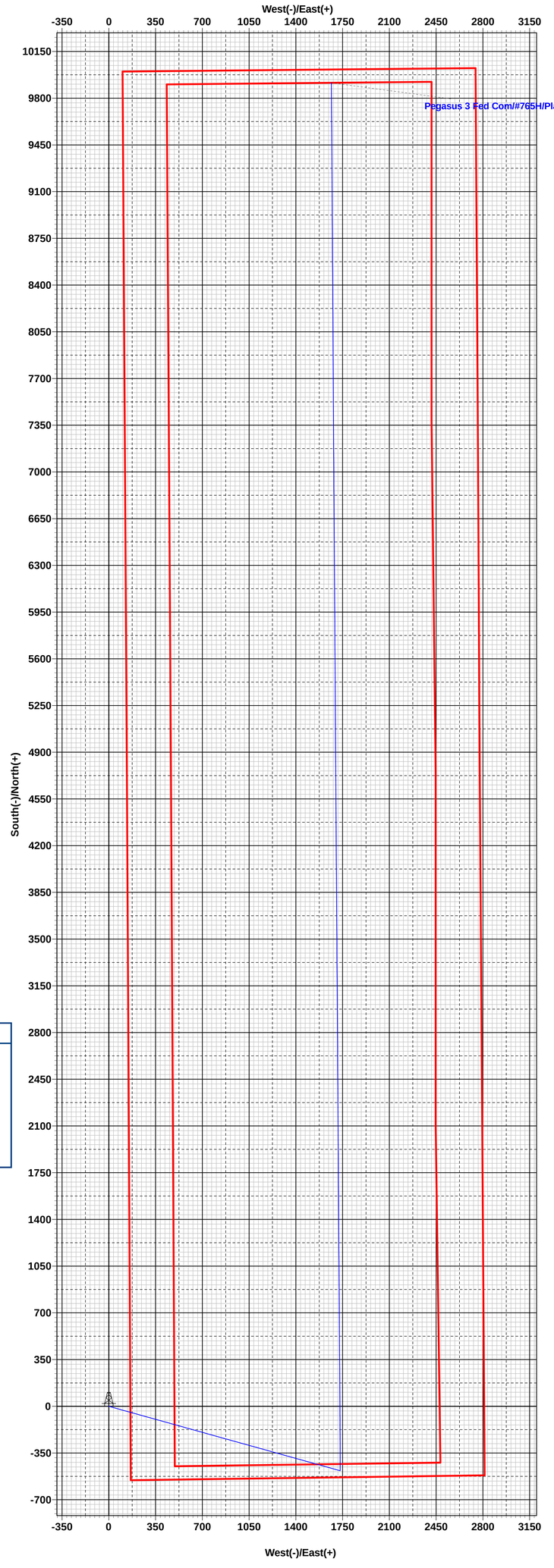
CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP(Pegasus 3 Fed Com #765H)	12847.5	-483.0	1732.0	451526.00	750309.00
FTP(Pegasus 3 Fed Com #765H)	13060.2	-433.0	1732.0	451576.00	750309.00
Fed Perf 1(Pegasus 3 Fed Com #765H)	13325.0	4731.0	1699.0	456740.00	750276.00
Fed Perf 2(Pegasus 3 Fed Com #765H)	13325.0	8695.0	1674.0	460704.00	750251.00
PBHL(Pegasus 3 Fed Com #765H)	13325.0	9915.0	1666.0	461924.00	750243.00





Lea County, NM (NAD 83 NME)
Pegasus 3 Fed Com
#765H
OH
Plan #0.1 RT
7:27, November 16 2021

eog resources

Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com #765H

Plan #0.1 RT

Azimuths to Grid North
True North: -0.36°
Magnetic North: 6.18°

Magnetic Field
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Dip Angle: 59.89°
Date: 11/15/2021
Model: IGRF2020

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

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

WELL DETAILS: #765H

3644.0
kb = 26' @ 3670.0usft

Northing	Easting	Latittude	Longitude
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1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	2450.3	21.01	105.58	2426.9	-51.1	183.4	2.00	105.58	-20.0	
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7	13377.5	26.46	0.00	13060.2	-433.0	1732.0	12.00	0.00	-140.0	FTP(Pegasus 3 Fed Com #765H)
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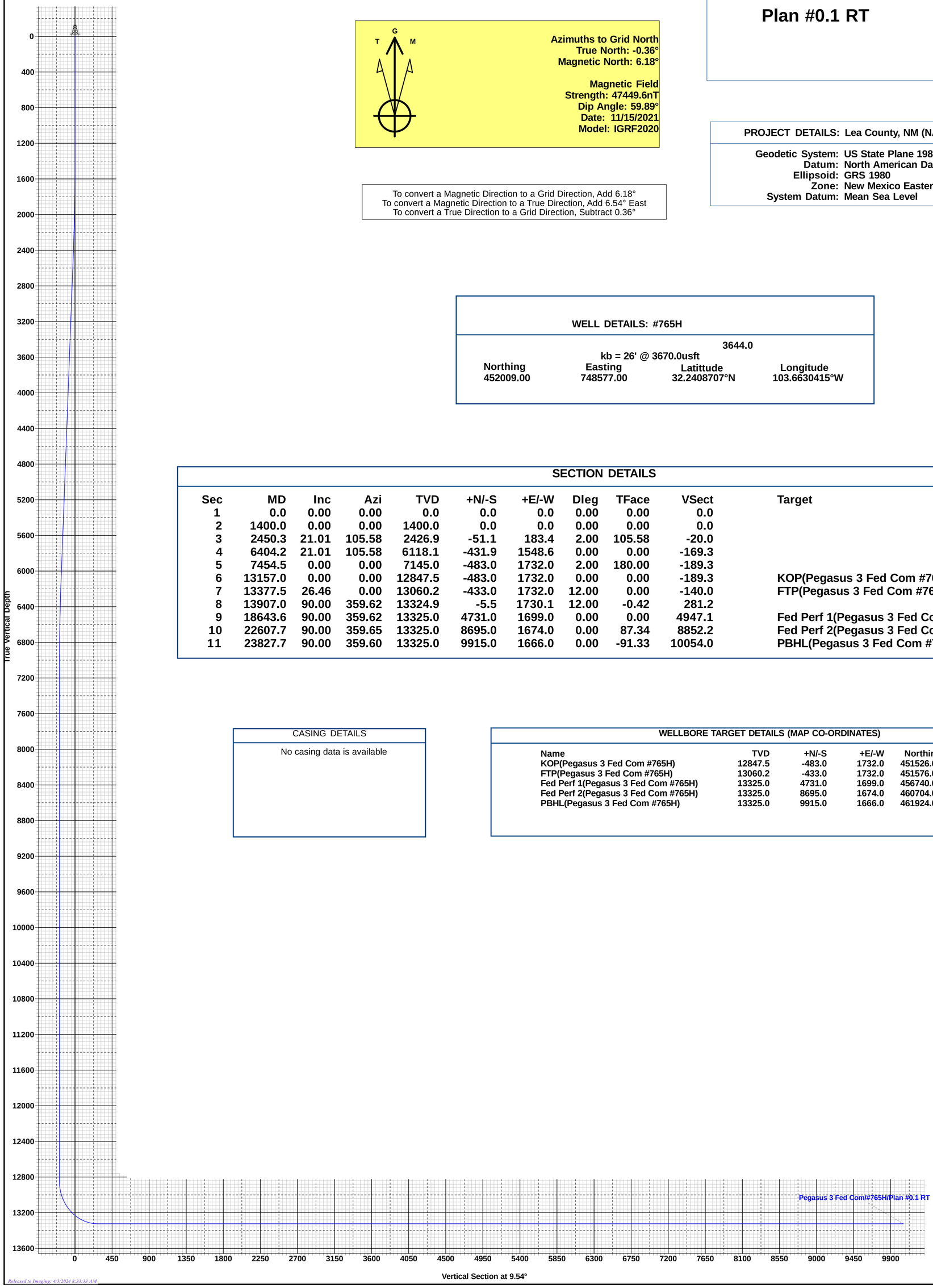
9	18643.6	90.00	359.62	13325.0	4731.0	1699.0	0.00	0.00	4947.1	Fed Perf 1(Pegasus 3 Fed Com #765H)
10	22607.7	90.00	359.65	13325.0	8695.0	1674.0	0.00	87.34	8852.2	Fed Perf 2(Pegasus 3 Fed Com #765H)
11	23827.7	90.00	359.60	13325.0	9915.0	1666.0	0.00	-91.33	10054.0	PBHL(Pegasus 3 Fed Com #765H)



CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
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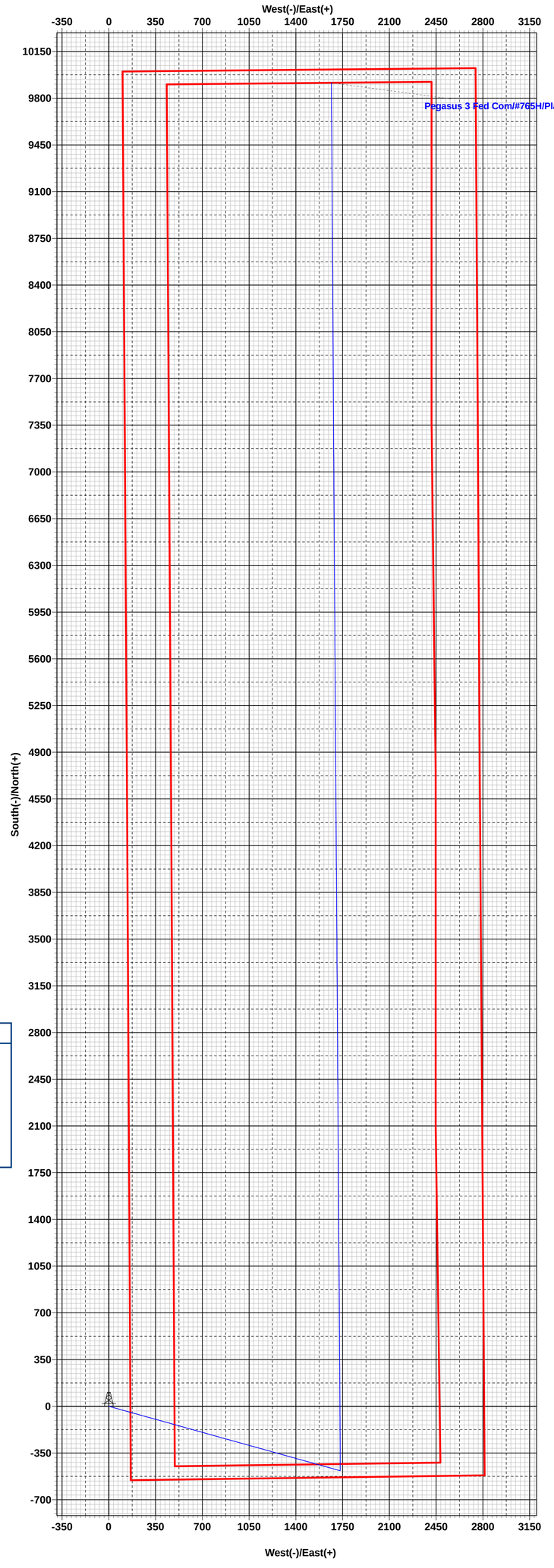
PBHL(Pegasus 3 Fed Com #765H)	13325.0	9915.0	1666.0	461924.00	750243.00



Lea County, NM (NAD 83 NME)
Pegasus 3 Fed Com
#765H
OH
Plan #0.1 RT
7:28, November 16 2021

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
30-025-47169	98248	WC-025 G-08 S243217P; Upper Wolfcamp

[4]Property Code	[5]Property Name	[6]Well Number
328120	PEGASUS 3 FED COM	765H

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3644'

[10]Surface Location

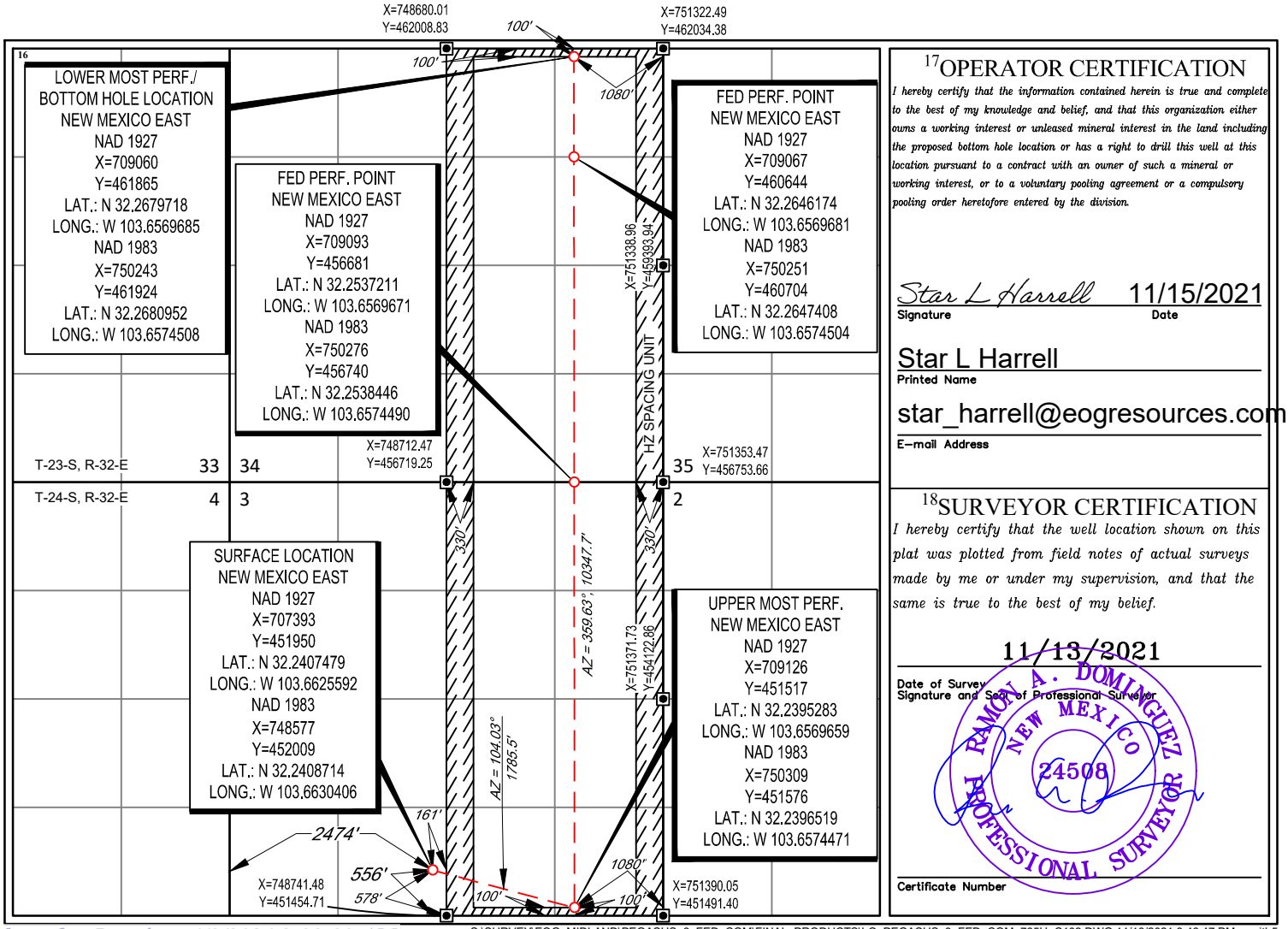
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	3	24-S	32-E	-	556'	SOUTH	2474'	WEST	LEA

[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
A	34	23-S	32-E	-	100'	NORTH	1080'	EAST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
639.39			

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 — 11/15/2021
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.

11/13/2021
Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ — NEW MEXICO — 24508 — PROFESSIONAL SURVEYOR

Certificate Number

S:\SURVEY\EOG_MIDLAND\PEGASUS_3_FED_COM\FINAL_PRODUCTS\LO_PEGASUS_3_FED_COM_765H_C102.DWG 11/13/2021 3:46:47 PM csmith5

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 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 329302

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 329302
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	4/3/2024