U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

03/15/2024

Well Name: POKER LAKE UNIT 13 DTD

Well Location: T24S / R30E / SEC 24 / NENW /

County or Parish/State:

Well Number: 218H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM030453

Unit or CA Name:

Unit or CA Number: NMNM71016X

US Well Number: 3001554474

Well Status: Approved Application for Permit to Drill

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2773073

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/02/2024

Time Sundry Submitted: 11:01

Date proposed operation will begin: 02/23/2024

Procedure Description: XTO Permian Operating, LLC. respectfully requests permission to make the following changes to the approved APD. These changes include SHL, FTP, BHL and LTP, casing will be downsized and cement changes made accordingly, proposed total depth change and requesting BOP Variance. SHL: FROM: 649’ FNL & 2495’ FWL of Section 24-T24S-R30E TO: 649’ FNL & 2440’ FWL of Section 24-24S-30E FTP: FROM: 100’ FNL & 2310’ FEL of Section 24-T24S-R30E TO: 100’ FNL & 990’ FWL of Section 24-T24S-R30E BHL: FROM: 50’ FSL & 2310’ FEL of Section 25-T24S-R30E TO: 10’ FSL & 990’ FWL of Section 25-T24S-R30E LTP: FROM: 100’ FSL & 2310’ FEL of Section 25-T24S-R30E TO: 100’ FSL & 990’ FWL of Section 25-T24S-R30E Proposed TD will change from 20790’ MD (Bone Spring) to 20469’ MD (Bone Spring) Casing will be downsized and cement changes will be made accordingly. BOP Variance requested. Attachments: C-102, Drilling Plan, Directional Plan, Wellhead Design and BOP Variance

NOI Attachments

Procedure Description

BOP_Variance_new_Language_BOP_BTV_20240202110034.pdf

3_String_Slimhole_HBE0000479_4_20240202110004.pdf

Well_Plan_Report____PLU_13_DTD_218H_20240202105933.pdf

PLU_13_DTD_218H_Drilling_Plan_20240202105920.pdf

PLU_13_DTD_218H_C_102_signed___updated_2_2_2024_20240202105902.pdf

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Operator: XTO PERMIAN OPERATING LLC

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: RANELL (RUSTY) KLEIN

Signed on: FEB 06, 2024 10:07 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND **State:** TX

Phone: (432) 620-6700

Email address: RANELL.KLEIN@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

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: 03/14/2024

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

Additional Remarks

BHL:

FROM: 50 FSL & 2310 FEL of Section 25-T24S-R30E

TO: 10 FSL & 990 FWL of Section 25-T24S-R30E

LTP:

FROM: 100 FSL & 2310 FEL of Section 25-T24S-R30E

TO: 100 FSL & 990 FWL of Section 25-T24S-R30E

Proposed TD will change from 20790 MD (Bone Spring) to 20469 MD (Bone Spring)

Casing will be downsized and cement changes will be made accordingly.

BOP Variance requested.

Attachments: C-102, Drilling Plan, Directional Plan, Wellhead Design and BOP Variance

Location of Well

0. SHL: NENW / 649 FNL / 2495 FWL / TWSP: 24S / RANGE: 30E / SECTION: 24 / LAT: 32.208843 / LONG: -103.834908 (TVD: 0 feet, MD: 0 feet)

PPP: NWNE / 100 FNL / 2310 FEL / TWSP: 24S / RANGE: 30E / SECTION: 24 / LAT: 32.210351 / LONG: -103.833147 (TVD: 9945 feet, MD: 10400 feet)

PPP: NWNE / 100 FNL / 2310 FEL / TWSP: 24S / RANGE: 30E / SECTION: 25 / LAT: 32.18189 / LONG: -103.83316 (TVD: 9945 feet, MD: 15700 feet)

BHL: SWSE / 50 FSL / 2310 FEL / TWSP: 24S / RANGE: 30E / SECTION: 25 / LAT: 32.181731 / LONG: -103.83317 (TVD: 9945 feet, MD: 20790 feet)

Subject: Request for a Variance Allowing break Testing of the Blowout Preventer Equipment (BOPE)

XTO Energy requests a variance to ONLY test broken pressure seals on the BOPE and function test BOP when skidding a drilling rig between multiple wells on a pad.

Background

Onshore Oil and Gas Order CFR Title 43 Part 3170, Drilling Operations, Sections III.A.2.i.iv.B states that the BOP test must be performed whenever any seal subject to test pressure is broken. The current interpretation of the Bureau of Land Management (BLM) requires a complete BOP test and not just a test of the affected component. CFR Title 43 Part 3170 states, "Some situation may exist either on a well-by- well basis or field-wide basis whereby it is commonly accepted practice to vary a particular minimum standard(s) established in this order. This situation can be resolved by requesting a variance…". XTO Energy feels the break testing the BOPE is such a situation. Therefore, as per CFR Title 43 Part 3170, XTO Energy submits this request for the variance.

Supporting Documentation

CFR Title 43 Part 3170 became effective on December 19, 1988 and has remained the standard for regulating BLM onshore drilling operations for over 30 years. During this time there have been significant changes in drilling technology. BLM continues to use the variance request process to allow for the use of modern technology and acceptable engineering practices that have arisen since CFR Title 43 Part 3170 was originally released. The XTO Energy drilling rig fleet has many modern upgrades that allow the intact BOP stack to be moved between well slots on a multi-well pad, as well as, wellhead designs that incorporate quick connects facilitating release of the BOP from the wellhead without breaking any BOP stack components apart. These technologies have been used extensively offshore, and other regulators, API, and many operators around the world have endorsed break testing as safe and reliable.

Figure 1: Winch System attached to BOP Stack

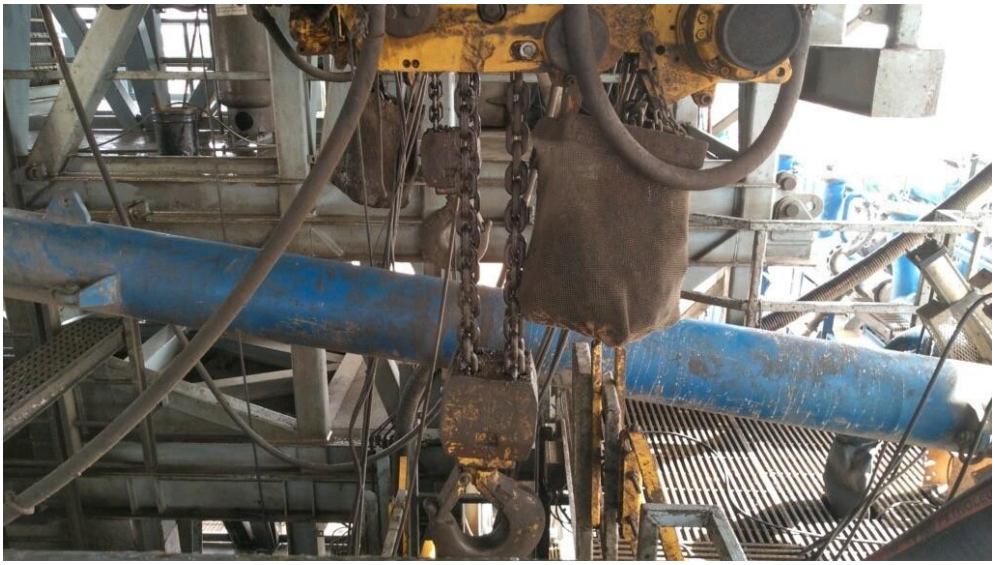


Figure 2: BOP Winch System

American Petroleum Institute (API) standards, specification and recommended practices are considered the industry standard and are consistently utilized and referenced by the industry. CFR Title 43 Part 3170recognizes API recommended Practices (RP) 53 in its original development. API Standard 53, *Well Control Equipment Systems for Drilling Wells* (Fifth Edition, December 2018, Annex C, Table C.4) recognizes break testing as an acceptable practice. Specifically, API Standard 53, Section 5.3.7.1 states "A pressure test of the pressure containing component shall be performed following the disconnection or repair, limited to the affected component." See Table C.4 below for reference.

62 API STANDARD 53

Table C.4—Initial Pressure Testing, Surface BOP Stacks

Component to be Pressure Tested	Pressure Test—Low Pressure[ac] psig (MPa)	Pressure Test—High Pressure[ac]	
		Change Out of Component, Elastomer, or Ring Gasket	No Change Out of Component, Elastomer, or Ring Gasket
Annular preventer[b]	250 to 350 (1.72 to 2.41)	RWP of annular preventer	MASP or 70% annular RWP, whichever is lower.
Fixed pipe, variable bore, blind, and BSR preventers[bd]	250 to 350 (1.72 to 2.41)	RWP of ram preventer or wellhead system, whichever is lower	ITP
Choke and kill line and BOP side outlet valves below ram preventers (both sides)	250 to 350 (1.72 to 2.41)	RWP of side outlet valve or wellhead system, whichever is lower	ITP
Choke manifold—upstream of chokes[e]	250 to 350 (1.72 to 2.41)	RWP of ram preventers or wellhead system, whichever is lower	ITP
Choke manifold—downstream of chokes[e]	250 to 350 (1.72 to 2.41)	RWP of valve(s), line(s), or MASP for the well program, whichever is lower	
Kelly, kelly valves, drill pipe safety valves, IBOPs	250 to 350 (1.72 to 2.41)	MASP for the well program	

[a] Pressure test evaluation periods shall be a minimum of five minutes.
No visible leaks.
The pressure shall remain stable during the evaluation period. The pressure shall not decrease below the intended test pressure.

[b] Annular(s) and VBR(s) shall be pressure tested on the largest and smallest OD drill pipe to be used in well program.

[c] For pad drilling operations, moving from one wellhead to another within the 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken.

[d] For surface offshore operations, the ram BOPs shall be pressure tested with the ram locks engaged and the closing and locking pressure vented during the initial test. For land operations, the ram BOPs shall be pressure tested with the ram locks engaged and the closing and locking pressure vented at commissioning and annually.

[e] Adjustable chokes are not required to be full sealing devices. Pressure testing against a closed choke is not required.

The Bureau of Safety and Environmental Enforcement (BSEE), Department of Interior, has also utilized the API standards, specification and best practices in the development of its offshore oil and gas regulations and incorporates them by reference within its regulations.

Break testing has been approved by the BLM in the past with other operators based on the detailed information provided in this document.

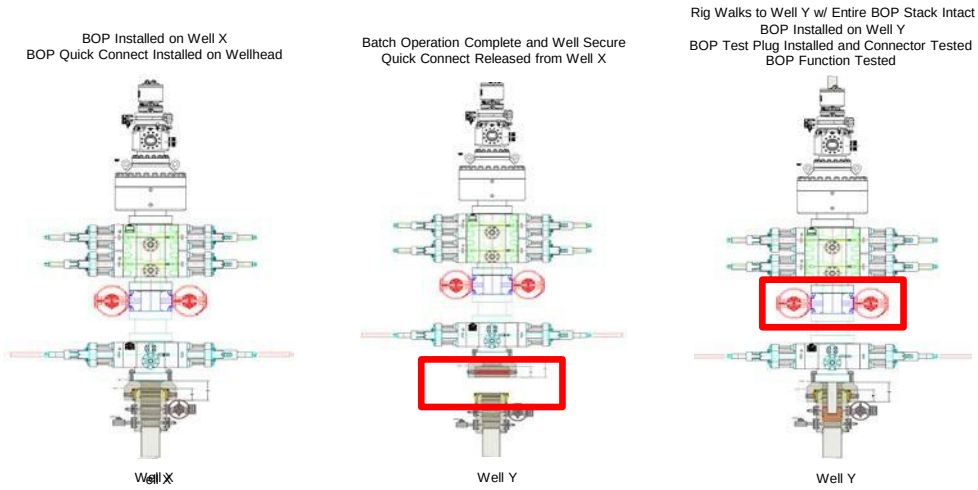
XTO Energy feels break testing and our current procedures meet the intent of CFR Title 43 Part 317 0and often exceed it. There has been no evidence that break testing results in more components failing than seen on full BOP tests. XTO Energy's internal standards requires complete BOPE tests more often than that of CFR Title 43 Part 3170 (Every 21 days). In addition to function testing the annular, pipe rams and blind rams after
each BOP nipple up, XTO Energy performs a choke drill with the rig crew prior to drilling out every casing shoe. This is additional training for the rig crew that exceeds the requirements of the CFR Title 43 Part 3170.

Procedures

1. XTO Energy will use this document for our break testing plan for New Mexico Delaware basin. The summary below will be referenced in the APD or Sundry Notice and receive approval prior to implementing this variance.
2. XTO Energy will perform BOP break testing on multi-wells pads where multiple intermediate sections can be drilled and cased within the 21-day BOP test window.
    a. A full BOP test will be conducted on the first well on the pad.
    b. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.
        i. Our Lower WC targets set the intermediate casing shoe no deeper than the Wolfcamp B.
        ii. Our Upper WC targets set the intermediate casing shoe shallower than the Wolfcamp B.
    c. A Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.
    d. A full BOP test will be required prior to drilling any production hole.
3. After performing a complete BOP test on the first well, the intermediate hole section will be drilled and cased, two breaks would be made on the BOP equipment.
    a. Between the HCV valve and choke line connection
    b. Between the BOP quick connect and the wellhead
4. The BOP is then lifted and removed from the wellhead by a hydraulic system.
5. After skidding to the next well, the BOP is moved to the wellhead by the same hydraulic system and installed.
6. The connections mentioned in 3a and 3b will then be reconnected.
7. Install test plug into the wellhead using test joint or drill pipe.
8. A shell test is performed against the upper pipe rams testing the two breaks.
9. The shell test will consist of a 250 psi low test and a high test to the value submitted in the APD or Sundry (e.g. 5,000 psi or 10,000psi).
10. Function test will be performed on the following components: lower pipe rams, blind rams, and annular.

11. For a multi-well pad the same two breaks on the BOP would be made and on the next wells and steps 4 through 10 would be repeated.
12. A second break test would only be done if the intermediate hole section being drilled could not be completed within the 21 day BOP test window.

Note: Picture below highlights BOP components that will be tested during batch operations



Summary

A variance is requested to **ONLY** test broken pressure seals on the BOP equipment when moving from wellhead to wellhead which is in compliance with API Standard 53. API Standard 53 states, that for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken.

The BOP will be secured by a hydraulic carrier or cradle. The BLM will be contacted if a Well Control event occurs prior to the commencement of a BOPE Break Testing operation.

Based on discussions with the BLM on February 27th 2020 and the supporting documentation submitted to the BLM, we will request permission to ONLY retest broken pressure seals if the following conditions are met:

1. After a full BOP test is conducted on the first well on the pad.

2. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.

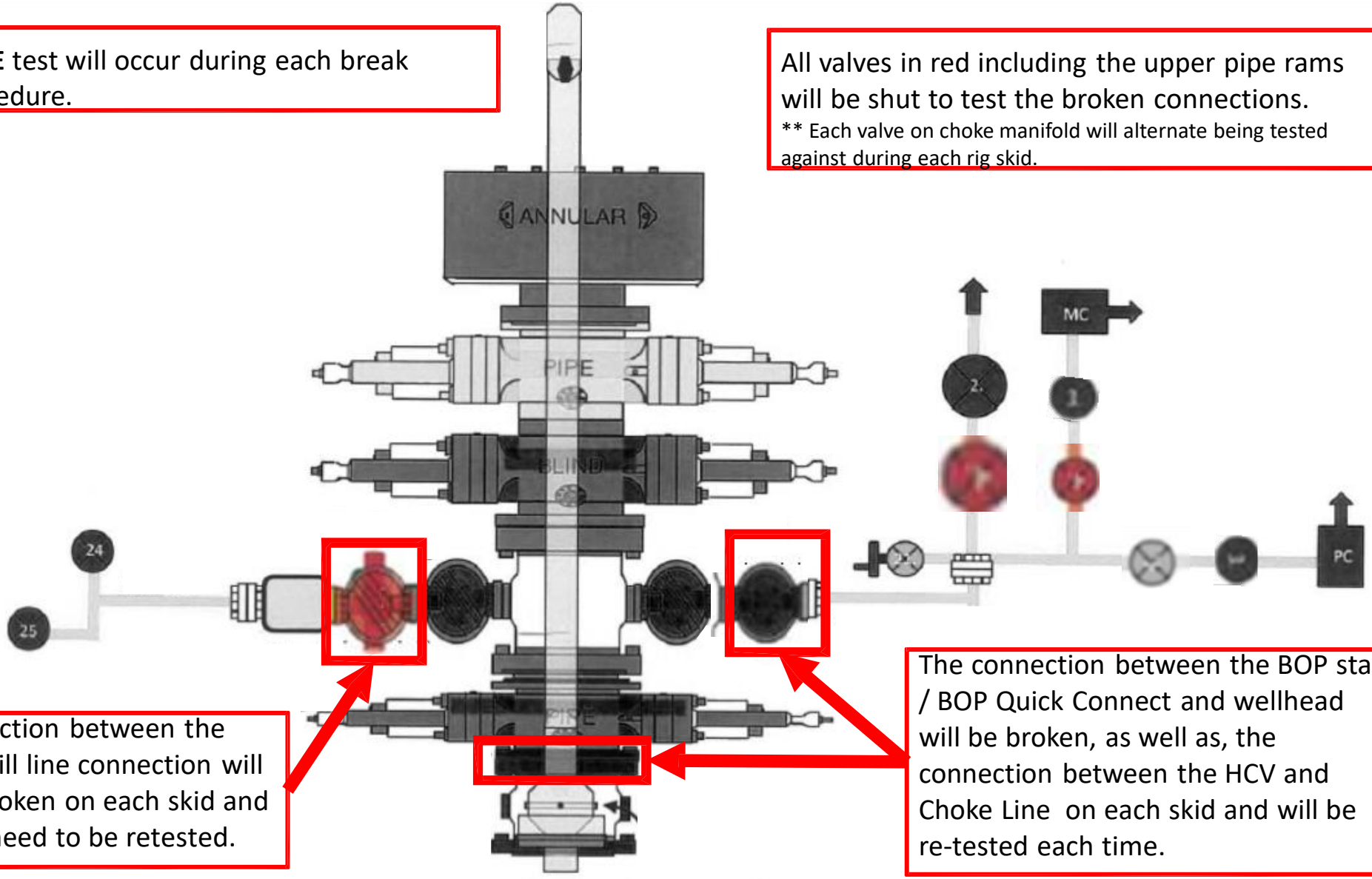
3. Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.

4. Full BOP test will be required prior to drilling the production hole.

Only **ONE** test will occur during each break test procedure.

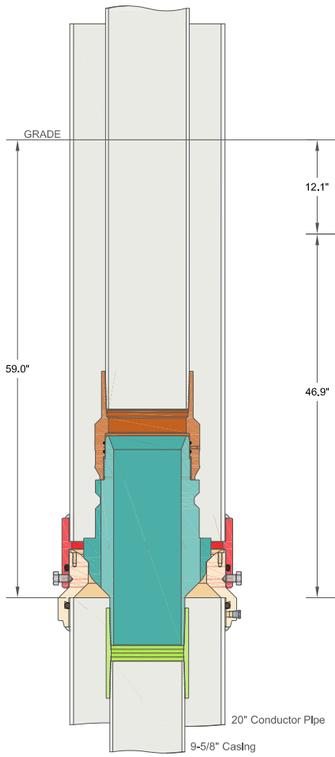
All valves in red including the upper pipe rams will be shut to test the broken connections.

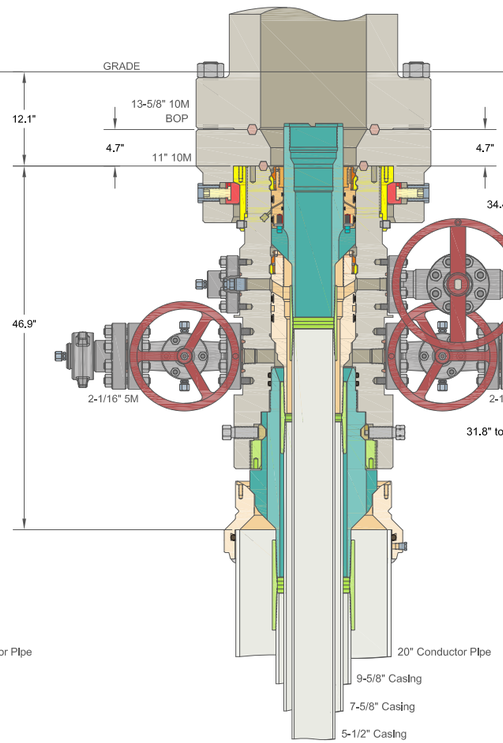
** Each valve on choke manifold will alternate being tested against during each rig skid.

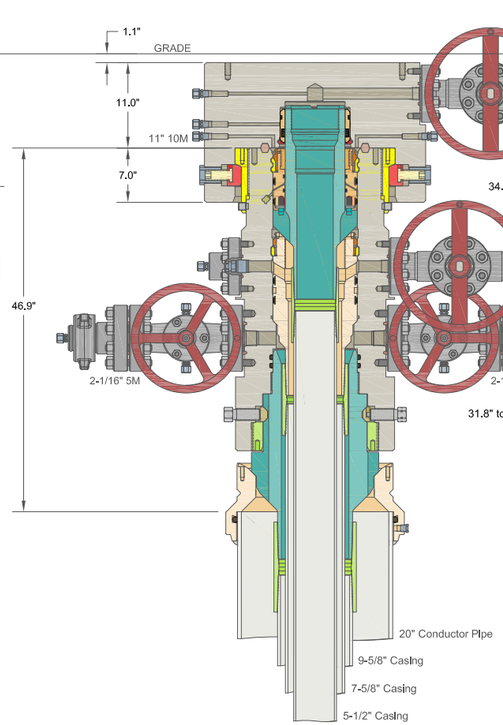


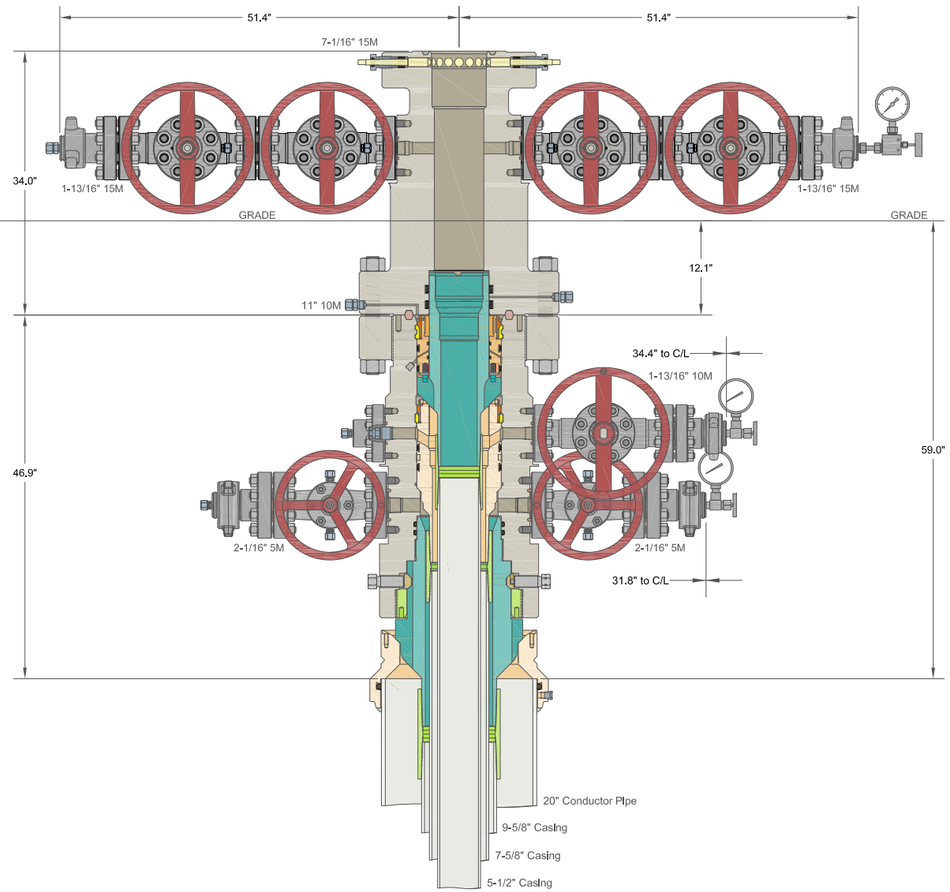
The connection between the HCV and kill line connection will **NOT** be broken on each skid and does not need to be retested.

The connection between the BOP stack / BOP Quick Connect and wellhead will be broken, as well as, the connection between the HCV and Choke Line on each skid and will be re-tested each time.









ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC

XTO ENERGY INC
DELAWARE BASIN

20" x 9-5/8" x 7-5/8" x 5-1/2" MBU-T-CFL-R-DBLO Wellhead
With 11" 10M x 7-1/16" 15M CTH-DBLHPS Tubing Head
And 9-5/8", 7-5/8" & 5-1/2" Pin Bottom Mandrel Casing Hangers

DRAWN	VJK	31MAR22
APPRV		
DRAWING NO.	HBE0000479	

Well Plan Report - PLU 13 DTD 218H

Measured Depth:	20468.38 ft
TVD RKB:	9225.00 ft
Location	
Cartographic Reference System:	New Mexico East - NAD 27
Northing:	440010.20 ft
Easting:	654254.30 ft
RKB:	3495.00 ft
Ground Level:	3463.00 ft
North Reference:	Grid
Convergence Angle:	0.27 Deg

Plan Sections PLU 13 DTD 218H

Measured Depth (ft)	Inclination (Deg)	Azimuth (Deg)	TVD RKB (ft)	Y Offset (ft)	X Offset (ft)	Build Rate (Deg/100ft)	Turn Rate (Deg/100ft)	Dogleg Rate (Deg/100ft)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
2348.97	24.98	310.94	2309.78	175.60	-202.42	2.00	0.00	2.00	
5636.97	24.98	310.94	5290.22	1085.49	-1251.24	0.00	0.00	0.00	
6885.94	0.00	0.00	6500.00	1261.09	-1453.66	-2.00	0.00	2.00	
8894.75	0.00	0.00	8508.80	1261.09	-1453.66	0.00	0.00	0.00	
10019.75	90.00	179.77	9225.00	544.90	-1450.80	8.00	0.00	8.00	FTP
20378.43	90.00	179.77	9225.00	-9813.70	-1409.40	0.00	0.00	0.00	LTP
20468.38	90.00	179.77	9225.00	-9903.65	-1409.04	0.00	0.00	0.00	BHL

Position Uncertainty PLU 13 DTD 218H

Measured	TVD	Highside	Lateral	Vertical	Magnitude	Semi-major	Semi-minor	Semi-minor	Tool

Depth (ft)	Inclination (°)	Azimuth (°)	RKB (ft)	Error (ft)	Bias (ft)	Error (ft)	Bias (ft)	Error (ft)	Bias (ft)	of Bias (ft)	Error (ft)	Error (ft)	Azimuth (°)	Used
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MWD+IFR1+MS
100.000	0.000	0.000	100.000	0.700	0.000	0.350	0.000	2.300	0.000	0.000	0.751	0.220	112.264	MWD+IFR1+MS
200.000	0.000	0.000	200.000	1.112	0.000	0.861	0.000	2.310	0.000	0.000	1.259	0.627	122.711	MWD+IFR1+MS
300.000	0.000	0.000	300.000	1.497	0.000	1.271	0.000	2.326	0.000	0.000	1.698	0.986	125.469	MWD+IFR1+MS
400.000	0.000	0.000	400.000	1.871	0.000	1.658	0.000	2.347	0.000	0.000	2.108	1.344	126.713	MWD+IFR1+MS
500.000	0.000	0.000	500.000	2.240	0.000	2.034	0.000	2.375	0.000	0.000	2.503	1.701	127.419	MWD+IFR1+MS
600.000	0.000	0.000	600.000	2.607	0.000	2.405	0.000	2.407	0.000	0.000	2.888	2.059	127.873	MWD+IFR1+MS
700.000	0.000	0.000	700.000	2.971	0.000	2.773	0.000	2.445	0.000	0.000	3.267	2.417	128.190	MWD+IFR1+MS
800.000	0.000	0.000	800.000	3.334	0.000	3.138	0.000	2.487	0.000	0.000	3.642	2.775	128.423	MWD+IFR1+MS
900.000	0.000	0.000	900.000	3.696	0.000	3.502	0.000	2.533	0.000	0.000	4.014	3.133	128.602	MWD+IFR1+MS
1000.000	0.000	0.000	1000.000	4.058	0.000	3.865	0.000	2.583	0.000	0.000	4.384	3.491	128.744	MWD+IFR1+MS
1100.000	0.000	0.000	1100.000	4.419	0.000	4.228	0.000	2.637	0.000	0.000	4.752	3.849	128.859	MWD+IFR1+MS
1200.000	2.000	310.943	1199.980	4.354	0.000	5.096	0.000	2.694	0.000	0.000	5.115	4.334	121.697	MWD+IFR1+MS
1300.000	4.000	310.943	1299.838	5.236	0.000	5.426	0.000	2.754	0.000	0.000	5.593	5.065	96.034	MWD+IFR1+MS
1400.000	6.000	310.943	1399.452	6.006	0.000	5.758	0.000	2.820	0.000	0.000	6.253	5.506	75.635	MWD+IFR1+MS
1500.000	8.000	310.943	1498.702	6.699	0.000	6.095	0.000	2.893	0.000	0.000	6.934	5.856	67.991	MWD+IFR1+MS
1600.000	10.000	310.943	1597.465	7.336	0.000	6.434	0.000	2.976	0.000	0.000	7.584	6.189	64.600	MWD+IFR1+MS
1700.000	12.000	310.943	1695.623	7.930	0.000	6.777	0.000	3.071	0.000	0.000	8.199	6.519	62.778	MWD+IFR1+MS
1800.000	14.000	310.943	1793.055	8.489	0.000	7.123	0.000	3.179	0.000	0.000	8.784	6.852	61.685	MWD+IFR1+MS
1900.000	16.000	310.943	1889.643	9.019	0.000	7.474	0.000	3.302	0.000	0.000	9.344	7.188	60.991	MWD+IFR1+MS
2000.000	18.000	310.943	1985.268	9.524	0.000	7.830	0.000	3.442	0.000	0.000	9.883	7.530	60.546	MWD+IFR1+MS
2100.000	20.000	310.943	2079.816	10.008	0.000	8.192	0.000	3.600	0.000	0.000	10.402	7.878	60.270	MWD+IFR1+MS
2200.000	22.000	310.943	2173.169	10.473	0.000	8.561	0.000	3.776	0.000	0.000	10.906	8.233	60.121	MWD+IFR1+MS
2300.000	24.000	310.943	2265.215	10.921	0.000	8.938	0.000	3.973	0.000	0.000	11.395	8.595	60.077	MWD+IFR1+MS
2348.969	24.979	310.943	2309.778	11.048	0.000	9.118	0.000	4.031	0.000	0.000	11.557	8.775	60.175	MWD+IFR1+MS
2400.000	24.979	310.943	2356.035	11.203	0.000	9.307	0.000	4.091	0.000	0.000	11.701	8.964	60.366	MWD+IFR1+MS
2500.000	24.979	310.943	2446.681	11.511	0.000	9.692	0.000	4.220	0.000	0.000	11.989	9.346	60.931	MWD+IFR1+MS
2600.000	24.979	310.943	2537.327	11.836	0.000	10.093	0.000	4.359	0.000	0.000	12.296	9.737	61.648	MWD+IFR1+MS
2700.000	24.979	310.943	2627.973	12.170	0.000	10.498	0.000	4.505	0.000	0.000	12.611	10.133	62.397	MWD+IFR1+MS
2800.000	24.979	310.943	2718.619	12.513	0.000	10.909	0.000	4.657	0.000	0.000	12.933	10.533	63.181	MWD+IFR1+MS
2900.000	24.979	310.943	2809.265	12.864	0.000	11.324	0.000	4.814	0.000	0.000	13.263	10.936	63.998	MWD+IFR1+MS

3000.000	24.979	310.943	2899.911	13.222	0.000	11.743	0.000	4.976	0.000	0.000	13.600	11.343	64.849	MWD+IFR1+MS
3100.000	24.979	310.943	2990.557	13.587	0.000	12.166	0.000	5.143	0.000	0.000	13.944	11.752	65.735	MWD+IFR1+MS
3200.000	24.979	310.943	3081.203	13.957	0.000	12.591	0.000	5.313	0.000	0.000	14.293	12.163	66.655	MWD+IFR1+MS
3300.000	24.979	310.943	3171.849	14.334	0.000	13.020	0.000	5.488	0.000	0.000	14.649	12.576	67.608	MWD+IFR1+MS
3400.000	24.979	310.943	3262.495	14.715	0.000	13.451	0.000	5.666	0.000	0.000	15.010	12.991	68.595	MWD+IFR1+MS
3500.000	24.979	310.943	3353.141	15.101	0.000	13.884	0.000	5.847	0.000	0.000	15.376	13.406	69.613	MWD+IFR1+MS
3600.000	24.979	310.943	3443.787	15.492	0.000	14.320	0.000	6.031	0.000	0.000	15.747	13.823	70.661	MWD+IFR1+MS
3700.000	24.979	310.943	3534.433	15.887	0.000	14.758	0.000	6.218	0.000	0.000	16.123	14.241	71.737	MWD+IFR1+MS
3800.000	24.979	310.943	3625.079	16.285	0.000	15.197	0.000	6.407	0.000	0.000	16.503	14.659	72.839	MWD+IFR1+MS
3900.000	24.979	310.943	3715.725	16.688	0.000	15.638	0.000	6.599	0.000	0.000	16.888	15.078	73.963	MWD+IFR1+MS
4000.000	24.979	310.943	3806.371	17.093	0.000	16.080	0.000	6.793	0.000	0.000	17.277	15.498	75.108	MWD+IFR1+MS
4100.000	24.979	310.943	3897.017	17.502	0.000	16.524	0.000	6.989	0.000	0.000	17.670	15.917	76.268	MWD+IFR1+MS
4200.000	24.979	310.943	3987.663	17.913	0.000	16.969	0.000	7.187	0.000	0.000	18.067	16.336	77.440	MWD+IFR1+MS
4300.000	24.979	310.943	4078.309	18.327	0.000	17.415	0.000	7.387	0.000	0.000	18.468	16.756	78.620	MWD+IFR1+MS
4400.000	24.979	310.943	4168.955	18.743	0.000	17.862	0.000	7.589	0.000	0.000	18.872	17.175	79.804	MWD+IFR1+MS
4500.000	24.979	310.943	4259.601	19.162	0.000	18.311	0.000	7.793	0.000	0.000	19.279	17.594	80.987	MWD+IFR1+MS
4600.000	24.979	310.943	4350.247	19.583	0.000	18.760	0.000	7.998	0.000	0.000	19.690	18.013	82.166	MWD+IFR1+MS
4700.000	24.979	310.943	4440.893	20.006	0.000	19.210	0.000	8.205	0.000	0.000	20.103	18.432	83.335	MWD+IFR1+MS
4800.000	24.979	310.943	4531.539	20.431	0.000	19.661	0.000	8.413	0.000	0.000	20.520	18.851	84.491	MWD+IFR1+MS
4900.000	24.979	310.943	4622.185	20.858	0.000	20.112	0.000	8.623	0.000	0.000	20.939	19.269	85.629	MWD+IFR1+MS
5000.000	24.979	310.943	4712.831	21.286	0.000	20.564	0.000	8.835	0.000	0.000	21.361	19.687	86.748	MWD+IFR1+MS
5100.000	24.979	310.943	4803.477	21.717	0.000	21.017	0.000	9.047	0.000	0.000	21.785	20.105	87.843	MWD+IFR1+MS
5200.000	24.979	310.943	4894.123	22.148	0.000	21.471	0.000	9.262	0.000	0.000	22.212	20.522	88.912	MWD+IFR1+MS
5300.000	24.979	310.943	4984.769	22.581	0.000	21.925	0.000	9.477	0.000	0.000	22.641	20.940	89.953	MWD+IFR1+MS
5400.000	24.979	310.943	5075.415	23.015	0.000	22.380	0.000	9.694	0.000	0.000	23.072	21.357	90.964	MWD+IFR1+MS
5500.000	24.979	310.943	5166.061	23.451	0.000	22.835	0.000	9.912	0.000	0.000	23.505	21.774	91.944	MWD+IFR1+MS
5600.000	24.979	310.943	5256.707	23.887	0.000	23.291	0.000	10.132	0.000	0.000	23.939	22.191	92.892	MWD+IFR1+MS
5636.974	24.979	310.943	5290.222	24.047	0.000	23.457	0.000	10.212	0.000	0.000	24.096	22.344	93.240	MWD+IFR1+MS
5700.000	23.719	310.943	5347.641	24.370	0.000	23.737	0.000	10.351	0.000	0.000	24.365	22.607	93.735	MWD+IFR1+MS
5800.000	21.719	310.943	5439.877	24.916	0.000	24.177	0.000	10.585	0.000	0.000	24.821	23.041	93.454	MWD+IFR1+MS
5900.000	19.719	310.943	5533.405	25.457	0.000	24.606	0.000	10.813	0.000	0.000	25.289	23.481	92.515	MWD+IFR1+MS
6000.000	17.719	310.943	5628.111	25.955	0.000	25.023	0.000	11.022	0.000	0.000	25.747	23.912	91.490	MWD+IFR1+MS
6100.000	15.719	310.943	5723.879	26.410	0.000	25.426	0.000	11.213	0.000	0.000	26.196	24.333	90.398	MWD+IFR1+MS

6200.000	13.719	310.943	5820.592	26.821	0.000	25.815	0.000	11.388	0.000	0.000	26.635	24.743	89.262	MWD+IFR1+MS
6300.000	11.719	310.943	5918.133	27.188	0.000	26.191	0.000	11.549	0.000	0.000	27.063	25.140	88.103	MWD+IFR1+MS
6400.000	9.719	310.943	6016.384	27.511	0.000	26.554	0.000	11.696	0.000	0.000	27.480	25.525	86.939	MWD+IFR1+MS
6500.000	7.719	310.943	6115.223	27.789	0.000	26.904	0.000	11.832	0.000	0.000	27.887	25.896	85.790	MWD+IFR1+MS
6600.000	5.719	310.943	6214.531	28.023	0.000	27.242	0.000	11.958	0.000	0.000	28.282	26.254	84.674	MWD+IFR1+MS
6700.000	3.719	310.943	6314.187	28.213	0.000	27.566	0.000	12.075	0.000	0.000	28.665	26.598	83.603	MWD+IFR1+MS
6800.000	1.719	310.943	6414.070	28.358	0.000	27.879	0.000	12.184	0.000	0.000	29.037	26.928	82.592	MWD+IFR1+MS
6885.943	0.000	0.000	6500.000	29.297	0.000	27.219	0.000	12.274	0.000	0.000	29.331	27.183	82.650	MWD+IFR1+MS
6900.000	0.000	0.000	6514.057	29.337	0.000	27.260	0.000	12.289	0.000	0.000	29.370	27.223	82.689	MWD+IFR1+MS
7000.000	0.000	0.000	6614.057	29.618	0.000	27.551	0.000	12.393	0.000	0.000	29.649	27.518	82.988	MWD+IFR1+MS
7100.000	0.000	0.000	6714.057	29.905	0.000	27.848	0.000	12.500	0.000	0.000	29.932	27.819	83.397	MWD+IFR1+MS
7200.000	0.000	0.000	6814.057	30.194	0.000	28.146	0.000	12.609	0.000	0.000	30.217	28.121	83.804	MWD+IFR1+MS
7300.000	0.000	0.000	6914.057	30.484	0.000	28.446	0.000	12.722	0.000	0.000	30.505	28.424	84.210	MWD+IFR1+MS
7400.000	0.000	0.000	7014.057	30.776	0.000	28.748	0.000	12.838	0.000	0.000	30.793	28.729	84.613	MWD+IFR1+MS
7500.000	0.000	0.000	7114.057	31.069	0.000	29.050	0.000	12.956	0.000	0.000	31.084	29.034	85.015	MWD+IFR1+MS
7600.000	0.000	0.000	7214.057	31.363	0.000	29.354	0.000	13.077	0.000	0.000	31.376	29.341	85.414	MWD+IFR1+MS
7700.000	0.000	0.000	7314.057	31.659	0.000	29.659	0.000	13.202	0.000	0.000	31.669	29.648	85.811	MWD+IFR1+MS
7800.000	0.000	0.000	7414.057	31.956	0.000	29.965	0.000	13.329	0.000	0.000	31.964	29.956	86.206	MWD+IFR1+MS
7900.000	0.000	0.000	7514.057	32.254	0.000	30.273	0.000	13.460	0.000	0.000	32.261	30.266	86.598	MWD+IFR1+MS
8000.000	0.000	0.000	7614.057	32.554	0.000	30.581	0.000	13.594	0.000	0.000	32.559	30.576	86.987	MWD+IFR1+MS
8100.000	0.000	0.000	7714.057	32.854	0.000	30.891	0.000	13.731	0.000	0.000	32.858	30.887	87.373	MWD+IFR1+MS
8200.000	0.000	0.000	7814.057	33.156	0.000	31.201	0.000	13.871	0.000	0.000	33.159	31.198	87.757	MWD+IFR1+MS
8300.000	0.000	0.000	7914.057	33.459	0.000	31.513	0.000	14.014	0.000	0.000	33.461	31.511	88.137	MWD+IFR1+MS
8400.000	0.000	0.000	8014.057	33.763	0.000	31.826	0.000	14.161	0.000	0.000	33.764	31.824	88.514	MWD+IFR1+MS
8500.000	0.000	0.000	8114.057	34.068	0.000	32.139	0.000	14.310	0.000	0.000	34.069	32.139	88.888	MWD+IFR1+MS
8600.000	0.000	0.000	8214.057	34.374	0.000	32.454	0.000	14.464	0.000	0.000	34.374	32.454	89.259	MWD+IFR1+MS
8700.000	0.000	0.000	8314.057	34.681	0.000	32.769	0.000	14.620	0.000	0.000	34.681	32.769	89.626	MWD+IFR1+MS
8800.000	0.000	0.000	8414.057	34.989	0.000	33.086	0.000	14.780	0.000	0.000	34.989	33.086	89.990	MWD+IFR1+MS
8894.746	0.000	0.000	8508.803	35.282	0.000	33.385	0.000	14.934	0.000	0.000	35.282	33.385	90.316	MWD+IFR1+MS
8900.000	0.420	179.771	8514.057	35.256	0.000	33.401	-0.000	14.943	0.000	0.000	35.297	33.401	90.326	MWD+IFR1+MS
9000.000	8.420	179.771	8613.678	34.790	0.000	33.680	-0.000	15.119	0.000	0.000	35.883	33.679	91.045	MWD+IFR1+MS
9100.000	16.420	179.771	8711.258	34.672	0.000	33.937	-0.000	15.404	0.000	0.000	37.232	33.931	92.172	MWD+IFR1+MS
9200.000	24.420	179.771	8804.898	34.072	0.000	34.167	-0.000	15.896	0.000	0.000	38.415	34.154	92.793	MWD+IFR1+MS

9300.000	32.420	179.771	8892.775	33.077	0.000	34.366	-0.000	16.660	0.000	0.000	39.411	34.346	93.226	MWD+IFR1+MS
9400.000	40.420	179.771	8973.178	31.806	0.000	34.536	-0.000	17.722	0.000	0.000	40.212	34.509	93.557	MWD+IFR1+MS
9500.000	48.420	179.771	9044.542	30.408	0.000	34.675	-0.000	19.067	0.000	0.000	40.819	34.642	93.812	MWD+IFR1+MS
9600.000	56.420	179.771	9105.479	29.067	0.000	34.785	-0.000	20.647	0.000	0.000	41.245	34.747	93.988	MWD+IFR1+MS
9700.000	64.420	179.771	9154.802	27.987	0.000	34.866	-0.000	22.401	0.000	0.000	41.511	34.825	94.064	MWD+IFR1+MS
9800.000	72.420	179.771	9191.552	27.377	0.000	34.920	-0.000	24.257	0.000	0.000	41.647	34.879	94.012	MWD+IFR1+MS
9900.000	80.420	179.771	9215.013	27.403	0.000	34.946	-0.000	26.148	0.000	0.000	41.691	34.910	93.791	MWD+IFR1+MS
10000.000	88.420	179.771	9224.728	28.140	0.000	34.946	-0.000	28.009	0.000	0.000	41.688	34.917	93.363	MWD+IFR1+MS
10019.746	90.000	179.771	9225.000	28.087	0.000	34.941	-0.000	28.087	0.000	0.000	41.687	34.914	93.249	MWD+IFR1+MS
10100.000	90.000	179.771	9225.000	28.337	0.000	34.927	-0.000	28.337	0.000	0.000	41.680	34.907	92.776	MWD+IFR1+MS
10200.000	90.000	179.771	9225.000	28.652	0.000	34.929	-0.000	28.652	0.000	0.000	41.674	34.916	92.193	MWD+IFR1+MS
10300.000	90.000	179.771	9225.000	28.986	0.000	34.949	-0.000	28.986	0.000	0.000	41.669	34.941	91.611	MWD+IFR1+MS
10400.000	90.000	179.771	9225.000	29.337	0.000	34.986	-0.000	29.337	0.000	0.000	41.667	34.982	91.028	MWD+IFR1+MS
10500.000	90.000	179.771	9225.000	29.704	0.000	35.039	-0.000	29.704	0.000	0.000	41.666	35.038	90.440	MWD+IFR1+MS
10600.000	90.000	179.771	9225.000	30.087	0.000	35.108	-0.000	30.087	0.000	0.000	41.667	35.108	89.843	MWD+IFR1+MS
10700.000	90.000	179.771	9225.000	30.486	0.000	35.195	-0.000	30.486	0.000	0.000	41.669	35.194	89.233	MWD+IFR1+MS
10800.000	90.000	179.771	9225.000	30.900	0.000	35.297	-0.000	30.900	0.000	0.000	41.674	35.295	88.606	MWD+IFR1+MS
10900.000	90.000	179.771	9225.000	31.328	0.000	35.416	-0.000	31.328	0.000	0.000	41.680	35.410	87.958	MWD+IFR1+MS
11000.000	90.000	179.771	9225.000	31.769	0.000	35.551	-0.000	31.769	0.000	0.000	41.689	35.539	87.284	MWD+IFR1+MS
11100.000	90.000	179.771	9225.000	32.224	0.000	35.702	-0.000	32.224	0.000	0.000	41.699	35.682	86.579	MWD+IFR1+MS
11200.000	90.000	179.771	9225.000	32.691	0.000	35.869	-0.000	32.691	0.000	0.000	41.712	35.839	85.835	MWD+IFR1+MS
11300.000	90.000	179.771	9225.000	33.170	0.000	36.051	-0.000	33.170	0.000	0.000	41.728	36.009	85.045	MWD+IFR1+MS
11400.000	90.000	179.771	9225.000	33.660	0.000	36.248	-0.000	33.660	0.000	0.000	41.746	36.192	84.203	MWD+IFR1+MS
11500.000	90.000	179.771	9225.000	34.162	0.000	36.461	-0.000	34.162	0.000	0.000	41.767	36.387	83.297	MWD+IFR1+MS
11600.000	90.000	179.771	9225.000	34.674	0.000	36.688	-0.000	34.674	0.000	0.000	41.792	36.594	82.316	MWD+IFR1+MS
11700.000	90.000	179.771	9225.000	35.196	0.000	36.929	-0.000	35.196	0.000	0.000	41.820	36.812	81.248	MWD+IFR1+MS
11800.000	90.000	179.771	9225.000	35.728	0.000	37.185	-0.000	35.728	0.000	0.000	41.853	37.040	80.077	MWD+IFR1+MS
11900.000	90.000	179.771	9225.000	36.268	0.000	37.455	-0.000	36.268	0.000	0.000	41.891	37.277	78.785	MWD+IFR1+MS
12000.000	90.000	179.771	9225.000	36.818	0.000	37.738	-0.000	36.818	0.000	0.000	41.934	37.522	77.351	MWD+IFR1+MS
12100.000	90.000	179.771	9225.000	37.376	0.000	38.034	-0.000	37.376	0.000	0.000	41.985	37.774	75.750	MWD+IFR1+MS
12200.000	90.000	179.771	9225.000	37.942	0.000	38.344	-0.000	37.942	0.000	0.000	42.044	38.031	73.956	MWD+IFR1+MS
12300.000	90.000	179.771	9225.000	38.516	0.000	38.666	-0.000	38.516	0.000	0.000	42.112	38.292	71.938	MWD+IFR1+MS
12400.000	90.000	179.771	9225.000	39.097	0.000	39.001	-0.000	39.097	0.000	0.000	42.192	38.553	69.668	MWD+IFR1+MS

12500.000	90.000	179.771	9225.000	39.685	0.000	39.347	-0.000	39.685	0.000	0.000	42.287	38.812	67.118	MWD+IFR1+MS
12600.000	90.000	179.771	9225.000	40.280	0.000	39.706	-0.000	40.280	0.000	0.000	42.398	39.067	64.271	MWD+IFR1+MS
12700.000	90.000	179.771	9225.000	40.881	0.000	40.075	-0.000	40.881	0.000	0.000	42.530	39.313	61.127	MWD+IFR1+MS
12800.000	90.000	179.771	9225.000	41.488	0.000	40.456	-0.000	41.488	0.000	0.000	42.685	39.547	57.713	MWD+IFR1+MS
12900.000	90.000	179.771	9225.000	42.102	0.000	40.848	-0.000	42.102	0.000	0.000	42.867	39.767	54.090	MWD+IFR1+MS
13000.000	90.000	179.771	9225.000	42.720	0.000	41.250	-0.000	42.720	0.000	0.000	43.077	39.968	50.349	MWD+IFR1+MS
13100.000	90.000	179.771	9225.000	43.345	0.000	41.662	-0.000	43.345	0.000	0.000	43.318	40.149	46.606	MWD+IFR1+MS
13200.000	90.000	179.771	9225.000	43.974	0.000	42.084	-0.000	43.974	0.000	0.000	43.589	40.310	42.975	MWD+IFR1+MS
13300.000	90.000	179.771	9225.000	44.608	0.000	42.516	-0.000	44.608	0.000	0.000	43.890	40.452	39.552	MWD+IFR1+MS
13400.000	90.000	179.771	9225.000	45.247	0.000	42.957	-0.000	45.247	0.000	0.000	44.218	40.576	36.401	MWD+IFR1+MS
13500.000	90.000	179.771	9225.000	45.891	0.000	43.407	-0.000	45.891	0.000	0.000	44.572	40.684	33.552	MWD+IFR1+MS
13600.000	90.000	179.771	9225.000	46.539	0.000	43.866	-0.000	46.539	0.000	0.000	44.948	40.778	31.007	MWD+IFR1+MS
13700.000	90.000	179.771	9225.000	47.191	0.000	44.333	-0.000	47.191	0.000	0.000	45.345	40.861	28.750	MWD+IFR1+MS
13800.000	90.000	179.771	9225.000	47.847	0.000	44.809	-0.000	47.847	0.000	0.000	45.759	40.935	26.756	MWD+IFR1+MS
13900.000	90.000	179.771	9225.000	48.506	0.000	45.292	-0.000	48.506	0.000	0.000	46.190	41.001	24.995	MWD+IFR1+MS
14000.000	90.000	179.771	9225.000	49.170	0.000	45.783	-0.000	49.170	0.000	0.000	46.635	41.061	23.437	MWD+IFR1+MS
14100.000	90.000	179.771	9225.000	49.837	0.000	46.282	-0.000	49.837	0.000	0.000	47.094	41.116	22.056	MWD+IFR1+MS
14200.000	90.000	179.771	9225.000	50.507	0.000	46.787	-0.000	50.507	0.000	0.000	47.564	41.166	20.826	MWD+IFR1+MS
14300.000	90.000	179.771	9225.000	51.181	0.000	47.300	-0.000	51.181	0.000	0.000	48.045	41.213	19.727	MWD+IFR1+MS
14400.000	90.000	179.771	9225.000	51.858	0.000	47.820	-0.000	51.858	0.000	0.000	48.537	41.257	18.741	MWD+IFR1+MS
14500.000	90.000	179.771	9225.000	52.538	0.000	48.346	-0.000	52.538	0.000	0.000	49.037	41.299	17.852	MWD+IFR1+MS
14600.000	90.000	179.771	9225.000	53.220	0.000	48.878	-0.000	53.220	0.000	0.000	49.547	41.339	17.048	MWD+IFR1+MS
14700.000	90.000	179.771	9225.000	53.906	0.000	49.416	-0.000	53.906	0.000	0.000	50.064	41.377	16.317	MWD+IFR1+MS
14800.000	90.000	179.771	9225.000	54.594	0.000	49.961	-0.000	54.594	0.000	0.000	50.589	41.414	15.650	MWD+IFR1+MS
14900.000	90.000	179.771	9225.000	55.284	0.000	50.511	-0.000	55.284	0.000	0.000	51.122	41.450	15.040	MWD+IFR1+MS
15000.000	90.000	179.771	9225.000	55.978	0.000	51.067	-0.000	55.978	0.000	0.000	51.661	41.485	14.478	MWD+IFR1+MS
15100.000	90.000	179.771	9225.000	56.673	0.000	51.628	-0.000	56.673	0.000	0.000	52.207	41.519	13.961	MWD+IFR1+MS
15200.000	90.000	179.771	9225.000	57.371	0.000	52.194	-0.000	57.371	0.000	0.000	52.760	41.553	13.482	MWD+IFR1+MS
15300.000	90.000	179.771	9225.000	58.071	0.000	52.765	-0.000	58.071	0.000	0.000	53.318	41.587	13.038	MWD+IFR1+MS
15400.000	90.000	179.771	9225.000	58.773	0.000	53.341	-0.000	58.773	0.000	0.000	53.882	41.620	12.625	MWD+IFR1+MS
15500.000	90.000	179.771	9225.000	59.478	0.000	53.922	-0.000	59.478	0.000	0.000	54.451	41.653	12.239	MWD+IFR1+MS
15600.000	90.000	179.771	9225.000	60.184	0.000	54.507	-0.000	60.184	0.000	0.000	55.026	41.685	11.879	MWD+IFR1+MS
15700.000	90.000	179.771	9225.000	60.892	0.000	55.097	-0.000	60.892	0.000	0.000	55.605	41.718	11.541	MWD+IFR1+MS

15800.000	90.000	179.771	9225.000	61.602	0.000	55.691	-0.000	61.602	0.000	0.000	56.190	41.750	11.224	MWD+IFR1+MS
15900.000	90.000	179.771	9225.000	62.314	0.000	56.289	-0.000	62.314	0.000	0.000	56.779	41.783	10.925	MWD+IFR1+MS
16000.000	90.000	179.771	9225.000	63.028	0.000	56.892	-0.000	63.028	0.000	0.000	57.372	41.816	10.643	MWD+IFR1+MS
16100.000	90.000	179.771	9225.000	63.743	0.000	57.498	-0.000	63.743	0.000	0.000	57.970	41.848	10.377	MWD+IFR1+MS
16200.000	90.000	179.771	9225.000	64.460	0.000	58.108	-0.000	64.460	0.000	0.000	58.572	41.881	10.125	MWD+IFR1+MS
16300.000	90.000	179.771	9225.000	65.178	0.000	58.721	-0.000	65.178	0.000	0.000	59.178	41.914	9.886	MWD+IFR1+MS
16400.000	90.000	179.771	9225.000	65.898	0.000	59.338	-0.000	65.898	0.000	0.000	59.787	41.947	9.659	MWD+IFR1+MS
16500.000	90.000	179.771	9225.000	66.620	0.000	59.958	-0.000	66.620	0.000	0.000	60.401	41.981	9.443	MWD+IFR1+MS
16600.000	90.000	179.771	9225.000	67.343	0.000	60.582	-0.000	67.343	0.000	0.000	61.018	42.015	9.238	MWD+IFR1+MS
16700.000	90.000	179.771	9225.000	68.067	0.000	61.209	-0.000	68.067	0.000	0.000	61.638	42.048	9.042	MWD+IFR1+MS
16800.000	90.000	179.771	9225.000	68.792	0.000	61.839	-0.000	68.792	0.000	0.000	62.262	42.083	8.854	MWD+IFR1+MS
16900.000	90.000	179.771	9225.000	69.519	0.000	62.472	-0.000	69.519	0.000	0.000	62.889	42.117	8.676	MWD+IFR1+MS
17000.000	90.000	179.771	9225.000	70.247	0.000	63.108	-0.000	70.247	0.000	0.000	63.519	42.152	8.504	MWD+IFR1+MS
17100.000	90.000	179.771	9225.000	70.977	0.000	63.747	-0.000	70.977	0.000	0.000	64.153	42.187	8.340	MWD+IFR1+MS
17200.000	90.000	179.771	9225.000	71.707	0.000	64.389	-0.000	71.707	0.000	0.000	64.789	42.222	8.183	MWD+IFR1+MS
17300.000	90.000	179.771	9225.000	72.439	0.000	65.033	-0.000	72.439	0.000	0.000	65.428	42.258	8.032	MWD+IFR1+MS
17400.000	90.000	179.771	9225.000	73.171	0.000	65.680	-0.000	73.171	0.000	0.000	66.070	42.294	7.887	MWD+IFR1+MS
17500.000	90.000	179.771	9225.000	73.905	0.000	66.329	-0.000	73.905	0.000	0.000	66.714	42.330	7.747	MWD+IFR1+MS
17600.000	90.000	179.771	9225.000	74.640	0.000	66.981	-0.000	74.640	0.000	0.000	67.361	42.367	7.613	MWD+IFR1+MS
17700.000	90.000	179.771	9225.000	75.376	0.000	67.636	-0.000	75.376	0.000	0.000	68.011	42.404	7.483	MWD+IFR1+MS
17800.000	90.000	179.771	9225.000	76.112	0.000	68.292	-0.000	76.112	0.000	0.000	68.663	42.441	7.358	MWD+IFR1+MS
17900.000	90.000	179.771	9225.000	76.850	0.000	68.951	-0.000	76.850	0.000	0.000	69.317	42.479	7.238	MWD+IFR1+MS
18000.000	90.000	179.771	9225.000	77.589	0.000	69.612	-0.000	77.589	0.000	0.000	69.974	42.517	7.121	MWD+IFR1+MS
18100.000	90.000	179.771	9225.000	78.328	0.000	70.275	-0.000	78.328	0.000	0.000	70.633	42.555	7.009	MWD+IFR1+MS
18200.000	90.000	179.771	9225.000	79.069	0.000	70.940	-0.000	79.069	0.000	0.000	71.294	42.594	6.900	MWD+IFR1+MS
18300.000	90.000	179.771	9225.000	79.810	0.000	71.607	-0.000	79.810	0.000	0.000	71.957	42.633	6.795	MWD+IFR1+MS
18400.000	90.000	179.771	9225.000	80.552	0.000	72.276	-0.000	80.552	0.000	0.000	72.623	42.673	6.693	MWD+IFR1+MS
18500.000	90.000	179.771	9225.000	81.295	0.000	72.947	-0.000	81.295	0.000	0.000	73.290	42.713	6.594	MWD+IFR1+MS
18600.000	90.000	179.771	9225.000	82.039	0.000	73.620	-0.000	82.039	0.000	0.000	73.959	42.753	6.499	MWD+IFR1+MS
18700.000	90.000	179.771	9225.000	82.783	0.000	74.295	-0.000	82.783	0.000	0.000	74.630	42.794	6.406	MWD+IFR1+MS
18800.000	90.000	179.771	9225.000	83.528	0.000	74.971	-0.000	83.528	0.000	0.000	75.303	42.835	6.316	MWD+IFR1+MS
18900.000	90.000	179.771	9225.000	84.274	0.000	75.649	-0.000	84.274	0.000	0.000	75.978	42.876	6.228	MWD+IFR1+MS
19000.000	90.000	179.771	9225.000	85.021	0.000	76.329	-0.000	85.021	0.000	0.000	76.654	42.918	6.143	MWD+IFR1+MS

19100.000	90.000	179.771	9225.000	85.768	0.000	77.010	-0.000	85.768	0.000	0.000	77.332	42.961	6.061	MWD+IFR1+MS
19200.000	90.000	179.771	9225.000	86.516	0.000	77.693	-0.000	86.516	0.000	0.000	78.012	43.003	5.981	MWD+IFR1+MS
19300.000	90.000	179.771	9225.000	87.265	0.000	78.378	-0.000	87.265	0.000	0.000	78.693	43.046	5.903	MWD+IFR1+MS
19400.000	90.000	179.771	9225.000	88.014	0.000	79.064	-0.000	88.014	0.000	0.000	79.376	43.090	5.827	MWD+IFR1+MS
19500.000	90.000	179.771	9225.000	88.764	0.000	79.751	-0.000	88.764	0.000	0.000	80.060	43.134	5.753	MWD+IFR1+MS
19600.000	90.000	179.771	9225.000	89.514	0.000	80.440	-0.000	89.514	0.000	0.000	80.746	43.178	5.681	MWD+IFR1+MS
19700.000	90.000	179.771	9225.000	90.265	0.000	81.130	-0.000	90.265	0.000	0.000	81.433	43.223	5.610	MWD+IFR1+MS
19800.000	90.000	179.771	9225.000	91.017	0.000	81.821	-0.000	91.017	0.000	0.000	82.122	43.268	5.542	MWD+IFR1+MS
19900.000	90.000	179.771	9225.000	91.769	0.000	82.514	-0.000	91.769	0.000	0.000	82.812	43.313	5.475	MWD+IFR1+MS
20000.000	90.000	179.771	9225.000	92.522	0.000	83.208	-0.000	92.522	0.000	0.000	83.503	43.359	5.410	MWD+IFR1+MS
20100.000	90.000	179.771	9225.000	93.275	0.000	83.903	-0.000	93.275	0.000	0.000	84.196	43.405	5.347	MWD+IFR1+MS
20200.000	90.000	179.771	9225.000	94.029	0.000	84.600	-0.000	94.029	0.000	0.000	84.890	43.452	5.284	MWD+IFR1+MS
20300.000	90.000	179.771	9225.000	94.783	0.000	85.298	-0.000	94.783	0.000	0.000	85.585	43.499	5.224	MWD+IFR1+MS
20378.429	90.000	179.771	9225.000	95.374	0.000	85.845	-0.000	95.374	0.000	0.000	86.130	43.536	5.178	MWD+IFR1+MS
20400.000	90.000	179.771	9225.000	95.537	0.000	85.995	-0.000	95.537	0.000	0.000	86.279	43.546	5.165	MWD+IFR1+MS
20468.381	90.000	179.771	9225.000	96.052	0.000	86.472	-0.000	96.052	0.000	0.000	86.755	43.579	5.126	MWD+IFR1+MS

Plan Targets PLU 13 DTD 218H

Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
BHL	20468.72	430106.50	652845.60	5730.00	CIRCLE
LTP	20378.43	430196.50	652844.90	5730.00	CIRCLE
FTP	10019.75	440555.10	652803.50	5730.00	CIRCLE

DRILLING PLAN: BLM COMPLIANCE
(Supplement to BLM 3160-3)

XTO Energy Inc.
POKER LAKE UNIT 13 DTD 218H
Projected TD: 20468.38' MD / 9225' TVD
SHL: 649' FNL & 2440' FWL , Section 24, T24S, R30E
BHL: 10' FSL & 990' FWL , Section 25, T24S, R30E
Eddy County, NM

1. Geologic Name of Surface Formation

A. Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth (TVD)	Water/Oil/Gas
Rustler	515'	Water
Top of Salt	881'	Water
Base of Salt	3925'	Water
Delaware	4143'	Water
Brushy Canyon	6659'	Water/Oil/Gas
Bone Spring	8005'	Water
1st Bone Spring	8955'	Water/Oil/Gas
Target/Land Curve	9225'	Water/Oil/Gas

*** Hydrocarbons @ Brushy Canyon
*** Groundwater depth 40' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 9.625 inch casing @ 615' (266' above the salt) and circulating cement back to surface. The intermediate will isolate from the top of salt down to the next casing seat by setting 7.625 inch casing at 8694.75' and cemented to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 20468.38 MD/TD and 5.5 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 8394.75 feet).

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 615'	9.625	40	J-55	BTC	New	1.46	10.24	25.61
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	2.91	2.52	2.16
8.75	4000' – 8694.75'	7.625	29.7	HC L-80	Flush Joint	New	2.12	2.11	2.91
6.75	0' – 8594.75'	5.5	20	RY P-110	Semi-Premium	New	1.26	2.26	2.34
6.75	8594.75' - 20468.38'	5.5	20	RY P-110	Semi-Flush	New	1.26	2.10	2.34

· XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing per this Sundry
· XTO requests to not utilize centralizers in the curve and lateral
· 7.625 Collapse analyzed using 50% evacuation based on regional experience.
· 5.5 Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35
· Test on Casing will be limited to 70% burst of the casing or 1500 psi, whichever is less
· XTO requests the option to use 5" BTC Float equipment for the the production casing

Wellhead:

Permanent Wellhead – Multibowl System

A. Starting Head: 11” 10M top flange x 9-5/8” bottom

B. Tubing Head: 11” 10M bottom flange x 7-1/16” 15M top flange

- Wellhead will be installed by manufacturer’s representatives.
- Manufacturer will monitor welding process to ensure appropriate temperature of seal.
- Operator will test the 7-5/8" casing per BLM Onshore Order 2
- Wellhead Manufacturer representative will not be present for BOP test plug installation

4. Cement Program

Surface Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 615'

Lead: 100 sxs EconoCem-HLTRRC (mixed at 10.5 ppg, 1.87 ft3/sx, 10.13 gal/sx water)
Tail: 130 sxs Class C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Top of Cement: Surface
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

2nd Intermediate Casing: 7.625, 29.7 New casing to be set at +/- 8694.75'
1st Stage
Optional Lead: 360 sxs Class C (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)
TOC: Surface
Tail: 180 sxs Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
TOC: Brushy Canyon @ 6659
Compressives: 12-hr = 900 psi 24 hr = 1150 psi

2nd Stage
Lead: 0 sxs Class C (mixed at 12.9 ppg, 2.16 ft3/sx, 9.61 gal/sx water)
Tail: 750 sxs Class C (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)
Top of Cement: 0
Compressives: 12-hr = 900 psi 24 hr = 1150 psi

XTO requests 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 Brush Canyon (6659') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If cement is not visually confirmed to circulate to surface, the final cement top after the second stage job will be verified by Echo-meter. If necessary, a top out consisting of 1,500 sack of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. If cement is still unable to circulate to surface, another Echo-meter run will be performed for cement top verification.

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

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement inside the first intermediate casing. If cement reaches the desired height, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure the first stage cement job is cemented properly and the well is static with floats holding and no pressure on the csg annulus as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Production Casing: 5.5, 20 New Semi-Flush, RY P-110 casing to be set at +/- 20468.38'

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 8394.75 feet
Tail: 830 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 8894.75 feet
Compressives: 12-hr = 800 psi 24 hr = 1500 psi

XTO requests the option to offline cement and remediate (if needed) surface and intermediate casing strings where batch drilling is approved and if unplanned remediation is needed. XTO will ensure well is static with no pressure on the csg annulus, as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed when applicable per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops. Offline cement operations will then be conducted after the rig is moved off the current well to the next well in the batch sequence.

5. Pressure Control Equipment

Once the permanent WH is installed on the 9.625 casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Double Ram BOP. MASP should not exceed 3247 psi. In any instance where 10M BOP is required by BLM, XTO requests a variance to utilize 5M annular with 10M ram preventers (a common BOP configuration, which allows use of 10M rams in unlikely event that pressures exceed 5M).

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nippling up on the 9.625, 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nippling up on the 7.625, the BOP will be tested to a minimum of 5000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

XTO requests a variance to be able to batch drill this well if necessary. In doing so, XTO will set casing and ensure that the well is cemented properly (unless approval is given for offline cementing) and the well is static. With floats holding, no pressure on the csg annulus, and the installation of a 10K TA cap as per Cactus recommendations, XTO will contact the BLM to skid the rig to drill the remaining wells on the pad. Once surface and both intermediate strings are all completed, XTO will begin drilling the production

hole on each of the wells.

A variance is requested to **ONLY** test broken pressure seals on the BOP equipment when moving from wellhead to wellhead which is in compliance with API Standard 53. API standard 53 states, that for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken. Based on discussions with the BLM on February 27th 2020, we will request permission to **ONLY** retest broken pressure seals if the following conditions are met: 1. After a full BOP test is conducted on the first well on the pad 2. When skidding to drill an intermediate section that does not penetrate into the Wolfcamp.

6. Proposed Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' - 615'	12.25	FW/Native	8.4-8.9	35-40	NC
615' - 8694.75'	8.75	FW / Cut Brine / Direct Emulsion	10.2-10.7	30-32	NC
8694.75' - 20468.38'	6.75	OBM	11-11.5	50-60	NC - 20

The necessary mud products for weight addition and fluid loss control will be on location at all times.

Spud with fresh water/native mud. Drill out from under 9-5/8" surface casing with brine solution. A 9.7 ppg - 10.2 ppg cut brine mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

A. A Kelly cock will be in the drill string at all times.
B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
C. H2S monitors will be on location when drilling below the 9.625 casing.

8. Logging, Coring and Testing Program

Mud Logger: Mud Logging Unit (2 man) below intermediate casing.

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 160 to 180 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 5277 psi.

10. Anticipated Starting Date and Duration of Operations

Anticipated spud date will be after BLM approval. Move in operations and drilling is expected to take 40 days.

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720
District II
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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
APD ID 10400089947

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-54474	97975	WC-015 G-06; S243119C; Bone Spring

[4] Property Code	[5] Property Name	[6] Well Number
325310	POKER LAKE UNIT 13 DTD	218H

[7] OGRID No.	[8] Operator Name	[9] Elevation
373075	XTO PERMIAN OPERATING, LLC.	3,463'

[10] Surface Location

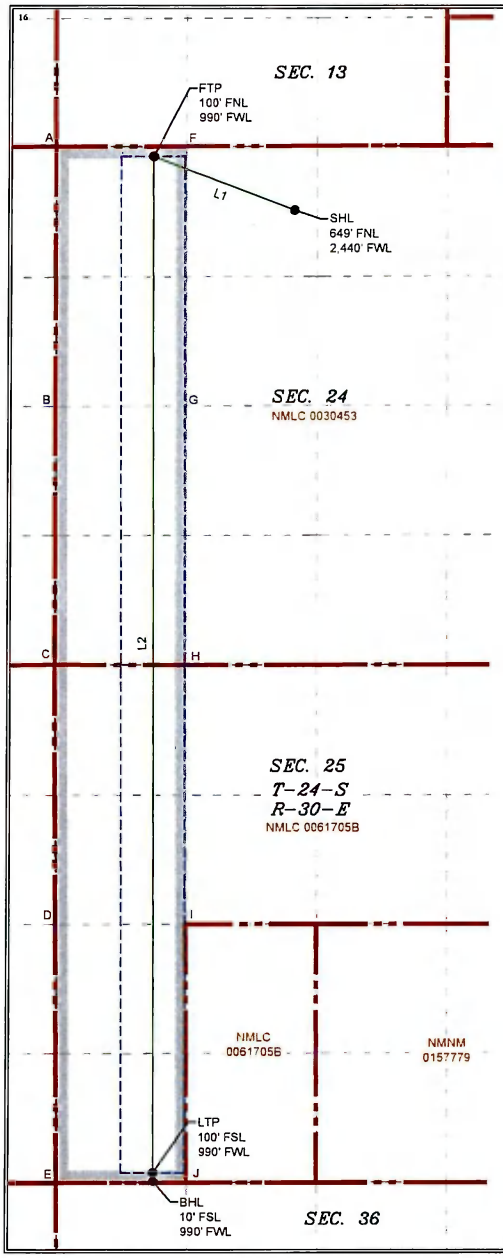
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	24S	30E		649	NORTH	2,440	WEST	EDDY

[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
M	25	24S	30E		10	SOUTH	990	WEST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			

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.



LEGEND

- SECTION LINE
- PROPOSED WELL BORE
- NEW MEXICO MINERAL LEASE
- 330' BUFFER
- ALLOCATION AREA

LINE TABLE		
LINE	AZUMITH	LENGTH
L1	290°35'02"	1,549.81'
L2	179°46'01"	10,448.90'

COORDINATE TABLE

	SHL (NAD 83 NME)	SHL (NAD 27 NME)
Y =	440,069.2 N	440,010.2 N
X =	695,438.1 E	654,254.3 E
LAT. =	32.208845 °N	32.208721 °N
LONG. =	103.835085 °W	103.834600 °W

	FTP (NAD 83 NME)	FTP (NAD 27 NME)
Y =	440,614.1 N	440,555.1 N
X =	693,987.3 E	652,803.5 E
LAT. =	32.210362 °N	32.210238 °N
LONG. =	103.839768 °W	103.839283 °W

	LTP (NAD 83 NME)	LTP (NAD 27 NME)
Y =	430,255.3 N	430,196.5 N
X =	694,029.1 E	652,844.9 E
LAT. =	32.181887 °N	32.181762 °N
LONG. =	103.839787 °W	103.839302 °W

	BHL (NAD 83 NME)	BHL (NAD 27 NME)
Y =	430,165.3 N	430,106.5 N
X =	694,029.7 E	652,845.6 E
LAT. =	32.181639 °N	32.181515 °N
LONG. =	103.839786 °W	103.839302 °W

CORNER COORDINATES (NAD 83 NME)

A - Y =	440,711.4 N	A - X =	692,997.1 E
B - Y =	438,070.5 N	B - X =	693,001.3 E
C - Y =	435,439.4 N	C - X =	693,002.2 E
D - Y =	432,793.8 N	D - X =	693,020.9 E
E - Y =	430,154.0 N	E - X =	693,039.8 E
F - Y =	440,715.0 N	F - X =	694,332.7 E
G - Y =	438,075.1 N	G - X =	694,339.5 E
H - Y =	435,438.8 N	H - X =	694,344.6 E
I - Y =	432,796.2 N	I - X =	694,360.8 E
J - Y =	430,155.7 N	J - X =	694,377.1 E

CORNER COORDINATES (NAD 27 NME)

A - Y =	440,652.4 N	A - X =	651,813.3 E
B - Y =	438,011.6 N	B - X =	651,817.4 E
C - Y =	435,380.5 N	C - X =	651,818.3 E
D - Y =	432,734.9 N	D - X =	651,836.8 E
E - Y =	430,095.2 N	E - X =	651,855.6 E
F - Y =	440,656.0 N	F - X =	653,148.9 E
G - Y =	438,016.2 N	G - X =	653,155.6 E
H - Y =	435,379.9 N	H - X =	653,160.6 E
I - Y =	432,737.4 N	I - X =	653,176.7 E
J - Y =	430,097.0 N	J - X =	653,192.9 E

[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.

Rusty Klein 1-30-24
Signature Date

RUSTY KLEIN
Printed Name

ranell.klein@exxonmobil.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 and correct to the best of my belief.

01/24/2024
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP NEW MEXICO 23786 PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number

AR 618.013003.10-09

P:\618.013 XTO Energy - NM\003 Poker Lake Unit\10 - PLU 13 DTD - EDDY\Wells\09 - 218H\DWG\218H C-102.dwg

Intent ☐ As Drilled ☐

API #
30-015-54474

Operator Name:	Property Name:	Well Number
XTO Permian Operating, LLC.	Poker Lake Unit 13 DTD	218H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	24	24S	30E		100	North	990	West	Eddy

Latitude	Longitude	NAD
32.210362	-103.839768	83 NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	25	24S	30E		100	South	990	West	Eddy

Latitude	Longitude	NAD
32.181887	-103.839787	83 NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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

CONDITIONS

Action 323532

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 323532
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply. Additionally, if cement is not circulated to surface during cementing operations, then a CBL is required.	3/15/2024