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

Sundry Print Report

09/25/2025

Well Name: OLIVE WON UNIT

Well Location: T22S / R31E / SEC 26 / NWSE / 32.3613877 / -103.7465139

County or Parish/State: EDDY / NM

Well Number: 235H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM62590

Unit or CA Name:

Unit or CA Number:

US Well Number: 300155652100X1

Operator: OXY USA INCORPORATED

Notice of Intent

Sundry ID: 2875594

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 09/24/2025

Time Sundry Submitted: 08:15

Date proposed operation will begin: 09/25/2025

Procedure Description: OXY USA Inc. respectfully requests approval to skid and drill a replacement well. While drilling the subject well, Olive Won Unit 235H 30-015-56521 we experienced issues. OXY plans to plug and abandon the original SHL. Please update the original SHL well name to Olive Won Unit 235Y. OXY plans to skid over and drill a new/replacement well, Olive Won Unit 235H; New SHL: 2237' FSL 1962' FEL J-26-22S-31E. See the attached documents for the replacement well; 3160, new C102, updated directional and drill plan. No new surface disturbance will be needed for this replacement well.

NOI Attachments

Procedure Description

OLIVEWONUNIT235H_13inADAPT_13.375in_9.625in_10x10_20250924201531.pdf

OLIVEWONUNIT235H_VAM_SPRINT_SF_5.5in_20ppf_P110RY_20250924201512.pdf

Blanket_Design_A_Pad_Review_Document_LSTTNK_22S31E_26_2_20250924201450.pdf

Blanket_Design_A___OXY___3S_Slim_v7.2_20250924201439.pdf

OLIVEWONUNIT235H_DrillPlan_20250924201424.pdf

Olive_Won_Unit_235H___Plan_3_09_23_25_20250924201409.pdf

OLIVE_WON_UNIT_235H_NEWSHL_C_102_20250924201326.pdf

3160_OliveWonUnit235H_20250924201313.pdf

Well Name: OLIVE WON UNIT

Well Location: T22S / R31E / SEC 26 / NWSE / 32.3613877 / -103.7465139

County or Parish/State: EDDY / NM

Well Number: 235H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM62590

Unit or CA Name:

Unit or CA Number:

US Well Number: 300155652100X1

Operator: OXY USA INCORPORATED

Conditions of Approval

Authorized

3160_OliveWonUnit235H_20250924201313_signed_20250925160348.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: LESLIE REEVES

Signed on: SEP 24, 2025 08:15 PM

Name: OXY USA INCORPORATED

Title: Advisor Regulatory

Street Address: 5 GREENWAY PLAZA, SUITE 110

City: HOUSTON **State:** TX

Phone: (713) 497-2492

Email address: LESLIE_REEVES@OXY.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: 09/25/2025

Signature: Chris Walls

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

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

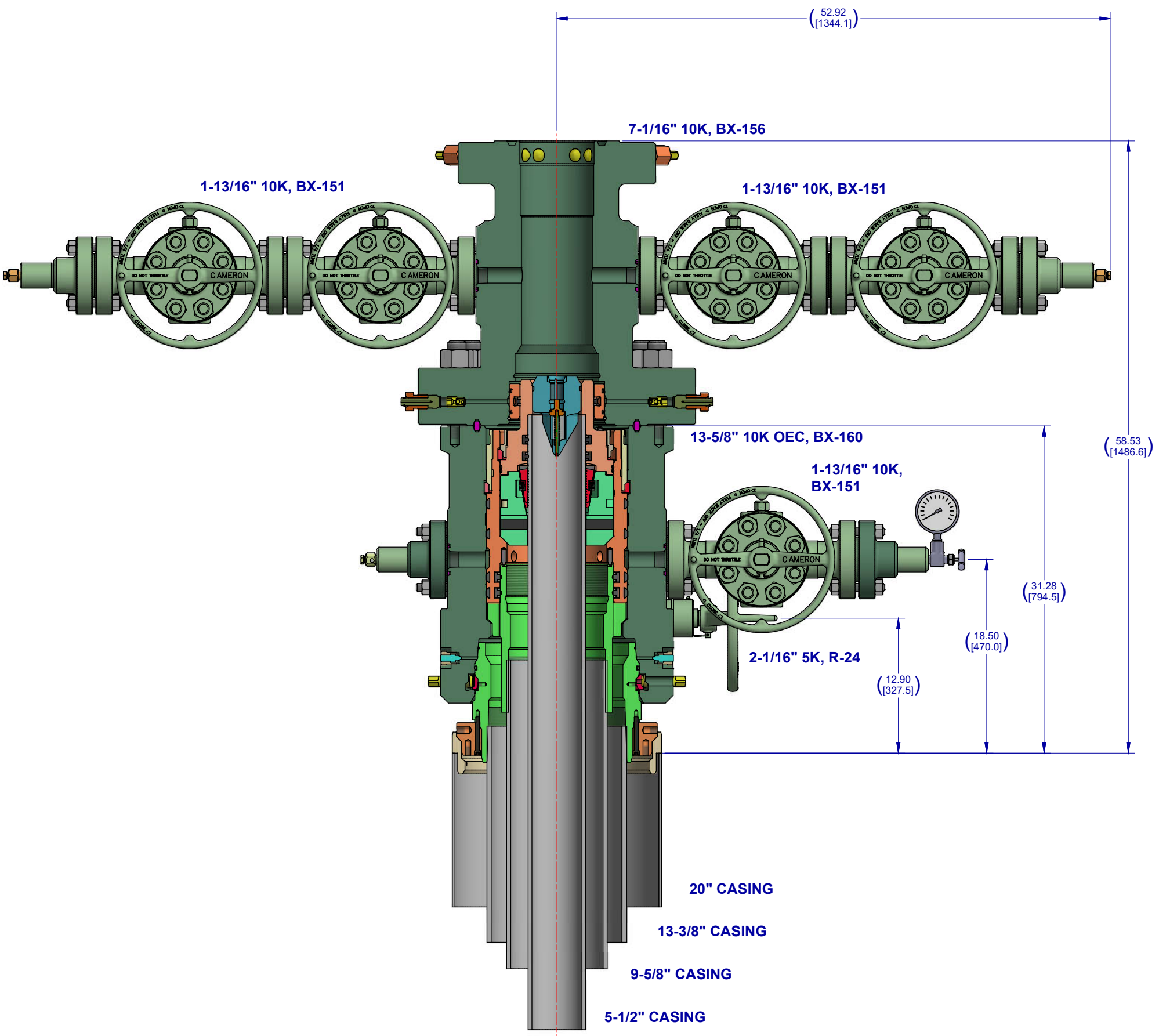
Location of Well

0. SHL: NWSE / 2237 FSL / 1992 FEL / TWSP: 22S / RANGE: 31E / SECTION: 26 / LAT: 32.3613877 / LONG: -103.7465139 (TVD: 0 feet, MD: 0 feet)

PPP: SWSE / 0 FSL / 1832 FEL / TWSP: 22S / RANGE: 31E / SECTION: 23 / LAT: 32.3697463 / LONG: -103.7459942 (TVD: 11703 feet, MD: 14311 feet)

PPP: SWNE / 2539 FNL / 1830 FEL / TWSP: 22S / RANGE: 31E / SECTION: 26 / LAT: 32.3627673 / LONG: -103.7459912 (TVD: 11703 feet, MD: 12048 feet)

BHL: NWNE / 20 FNL / 1830 FEL / TWSP: 22S / RANGE: 31E / SECTION: 23 / LAT: 32.3841926 / LONG: -103.746 (TVD: 11703 feet, MD: 19566 feet)



Notes:

1. THIS IS A PROPOSAL DRAWING AND DIMENSIONS SHOWN ARE SUBJECT TO CHANGE DURING THE FINAL DESIGN PROCESS.

2. DIGITALLY ENABLED SOLUTIONS, CHOKES AND ESD'S AVAILABLE ON REQUEST

CONFIDENTIAL

SURFACE TREATMENT	DO NOT SCALE		CAMERON A Schlumberger Company	SURFACE SYSTEMS
	DRAWN BY: D. GOTTUNG	DATE 18 Feb 22		
MATERIAL & HEAT TREAT	CHECKED BY: D. GOTTUNG	DATE 18 Feb 22	OXY 13-5/8" 10K ADAPT 16" X 10-3/4" X 7-5/8" X 5-1/2"	
	APPROVED BY: D. GOTTUNG	DATE 18 Feb 22		
ESTIMATED WEIGHT: 6115.068 LBS 2773.748 KG	INITIAL USE B/M:		SHEET 1 OF 1	SD-053434-94-12 REV: 01

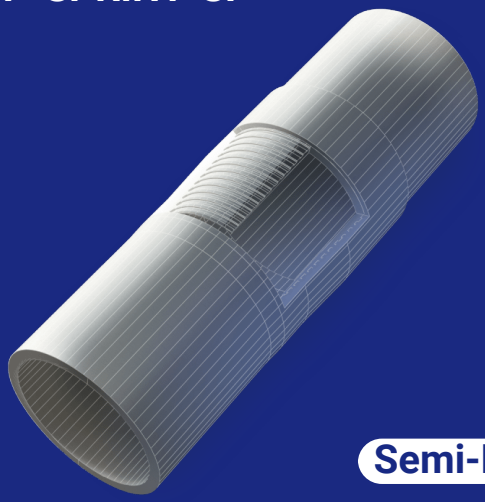
INVENTOR - D

Generated on April 25, 2024

CONNECTION DATA SHEET

OD: **5.500 in.** Grade: **P110 RY**
Weight: **20.00 lb/ft** Drift: **4.653 in. (API)**
Wall Th.: **0.361 in.**

VAM® SPRINT-SF



Semi-Flush

Field Torque Values

Make-up Torque (ft-lb)
20,000 **MIN**
22,500 **OPTI**
25,000 **MAX**

Torque with Sealability (ft-lb)
36,000 **MTS**

Locked Flank Torque (ft-lb)
4,500 **MIN**
15,750 **MAX**

(2) MTS: Maximum Torque with Sealability.

PIPE BODY PROPERTIES

Nominal OD	5.500	*in.*
Nominal ID	4.778	*in.*
Nominal Wall Thickness	0.361	*in.*
Minimum Wall Thickness	87.5	*%*
Nominal Weight (API)	20.00	*lb/ft*
Plain End Weight	19.83	*lb/ft*
Drift	4.653	*in.*
Grade Type	Controlled Yield	
Minimum Yield Strength	110	*ksi*
Maximum Yield Strength	125	*ksi*
Minimum Ultimate Tensile Strength	140	*ksi*
Pipe Body Yield Strength	641	*klb*
Internal Yield Pressure	12,640	*psi*
Collapse Pressure	11,110	*psi*

CONNECTION PROPERTIES

Connection Type	Semi-Premium Integral Semi-Flu	
Nominal Connection OD	5.783	*in.*
Nominal Connection ID	4.718	*in.*
Make-up Loss	5.965	*in.*
Tension Efficiency	90	*% Pipe Body*
Compression Efficiency	90	*% Pipe Body*
Internal Pressure Efficiency	100	*% Pipe Body*
External Pressure Efficiency	100	*% Pipe Body*

JOINT PERFORMANCES

Tension Strength	577	*klb*
Compression Strength	577	*klb*
Internal Pressure Resistance	12,640	*psi*
External Pressure Resistance	11,110	*psi*
Maximum Bending, Structural	78	*°/100 ft*
Maximum Bending, with Sealability(1)	30	*°/100 ft*

(1) Sealability rating demonstrated as per API RP 5C5 / ISO 13679

Oxy USA Inc. - Blanket Design Pad Document

OXY - Blanket Design A

Pad Name: LSTTNK_22S31E_26_2

SHL: 2238' FSL 2052' FEL, Sec 26, T22S-R31E

Oxy requests for the bellow wells to be approved for the two designs listed in the Blanket Design document **(Blanket Design A –OXY –3S Slim v7.2.)** The MDs and TVDs for all intervals are within the boundary conditions. The max inclination and DLS are also within the boundary conditions (directional plans attached separately for review.)

1. Blanket Design - Wells

Well Name	APD #	Surface		Intermediate		Production	
		MD	TVD	MD	TVD	MD	TVD
OLIVE WON UNIT 233H	10400097712	901	901	11192	11081	19798	11734
OLIVE WON UNIT 234H	10400097715	902	902	11252	11215	19843	11856
OLIVE WON UNIT 235H	10400097719	903	903	11029	11029	19790	11727

2. Review Criteria Table

	Y or N
Is casing new? If used, attach certification as required in 43 CFR 3160	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	Y
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-Q?	Y
If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?	Y
Is well located in R-111-Q and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

3. Geologic Formations

Formation	MD-RKB (ft)	TVD-RKB (ft)	Expected Fluids
Rustler	841	841	
Salado	1133	1133	Salt
Castile	3034	3034	Salt
Delaware	4432	4432	Oil/Gas/Brine
Bell Canyon	4481	4481	Oil/Gas/Brine
Cherry Canyon	5409	5406	Oil/Gas/Brine
Brushy Canyon	6575	6551	Losses
Bone Spring	8377	8320	Oil/Gas
Bone Spring 1st	9542	9463	Oil/Gas
Bone Spring 2nd	10090	10001	Oil/Gas
Bone Spring 3rd	11226	11117	Oil/Gas
Wolfcamp	11783	11603	Oil/Gas
Penn			Oil/Gas
Strawn			Oil/Gas

4. Cementing Program

Section	Stage	Slurry:	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	941	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.	1	Intermediate 1S - Tail	586	1.68	13.2	5%	6,825	Circulate	Class C+Ret., Disper.
Int.	2	Intermediate 2S - Tail BH	1220	1.71	13.3	25%	-	Bradenhead	Class C+Accel.
Prod.	1	Production - Tail	515	1.84	13.3	25%	10,692	Circulate	Class C+Ret.

Oxy Blanket Design - Casing Design "A"

1. Casing Program

The designs and associated details listed in this document are the "worst case scenario" boundaries for design safety factors.

Location and lithology have NOT been accounted for in these designs; however, the designs are NOT valid for wells within KPLA Boundaries or Capitan Reef areas. The specific well details will be based on the APD/Sundry package and the information listed in the COA.

The mud program listed below will remain the same between each design variation.

Hole will be full during casing run for well control and tensile SF.

Casing will be kept at least half full during run for these designs to meet BLM collapse SF requirement.

Design Variation "A1"

		MD		TVD					
Section	Hole Size (in)	From (ft)	To (ft)	From (ft)	To (ft)	Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
Surface	14.75	0	1200	0	1200	10.75	45.5	J-55	BTC
Intermediate	9.875	0	13111*	0	12775*	7.625	26.4	L-80 HC	BTC Axis HT GBCD
Production	6.75	0	23361	0	12775	5.5	20	P-110	Wedge 461 Sprint SF DWC/C-HT-IS

*Curve could be in intermediate or production section

Design Variation "A2" - Option to Pivot to Design "B" for Contingency 4S

		MD		TVD					
Section	Hole Size (in)	From (ft)	To (ft)	From (ft)	To (ft)	Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
Surface	17.5	0	1200	0	1200	13.375	54.5	J-55	BTC
Intermediate	12.25†	0	13111*	0	12775*	7.625	26.4	L-80 HC	BTC Axis HT GBCD
Production	6.75	0	23361	0	12775	5.5	20	P-110	Wedge 461 Sprint SF DWC/C-HT-IS

*Curve could be in intermediate or production section

†If 4S Contingency is not required, Oxy requests permission to transition from 12.25" to 9.875" Intermediate at some point during the hole section. Cement volumes will be updated on C103 submission.

All casing strings will be tested in accordance with 43 CFR part 3170 Subpart 3172

Oxy Blanket Design - Casing Design "A"

All Casing SF Values will meet or exceed those below			
SF Collapse	**SF Burst**	**Body SF Tension**	**Joint SF Tension**
1.00	1.100	1.4	1.4

§Annular Clearance Variance Request

As per the agreement reached in the Oxy/BLM face-to-face meeting on Feb 22, 2018, Oxy requests permission to allow deviation from the 0.422" annular clearance requirement. Please see Annular Clearance Variance attachment for further details.

§Annular Clearance Variance Request may not apply to all connections used or presented.

2. Trajectory / Boundary Conditions

	MD		TVD			
Section	**Deepest KOP (ft)**	**End Build (ft)**	**Deepest KOP (ft)**	**End Build (ft)**	**Max. Angle**	**Max. Planned DLS**
Surface	0	1200	0	1200	5°	1°/100 ft
Intermediate	5000 (inside Cherry Canyon)	6500	4980	6390	20°	2°/100 ft
	12211	13111	12202	12775	92° ‡	12°/100 ft ‡
Production	12211 (~100' MD past ICP)	13111	12202	12775	92° ‡	12°/100 ft ‡

‡ Applies only when intermediate casing depth is deepened to landing point to match TVD of production in some areas where required to accommodate higher MWs in depleted areas.

Oxy has reviewed casing burst, collapse, and axial loadcases in Landmark StressCheck with the boundary conditions in the table above which satisfies Oxy and BLM minimum design criteria. Triaxial plots for each casing string is shown in Section 7 and intermediate load case inputs are shown in Section 8.

Oxy Blanket Design - Casing Design "A"

3. Cementing Program

NOTE: Blanket design is for technical review only. The cement volumes will be adjusted to ensure cement tops meet BLM requirements.

Design Variation "A1"

Section	Stage	Slurry:	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	819	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.	1	Intermediate 1S - Tail	658	1.68	13.2	5%	7,206	Circulate	Class C+Ret., Disper.
Int.	2	Intermediate 2S - Tail BH	1111	1.71	13.3	25%	-	Bradenhead	Class C+Accel.
Prod.	1	Production - Tail	665	1.84	13.3	25%	11,611	Circulate	Class C+Ret.
Prod.	2*	Production - Tail BH*	TBD	1.84	13.3	50%	500' inside prev csg	Circulate	Class C+Ret.

**Only applies in scenario where planned single stage job TOC is not 500' above previous shoe as designed/programmed requiring bradenhead 2nd stage to meet requirements*

Design Variation "A2"

Section	Stage	Slurry:	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	1023	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.	1	Intermediate 1S - Tail	658	1.68	13.2	5%	7,206	Circulate	Class C+Ret., Disper.
Int.	2	Intermediate 2S - Tail BH	1293	1.71	13.3	25%	-	Bradenhead	Class C+Accel.
Prod.	1	Production - Tail	665	1.84	13.3	25%	11,611	Circulate	Class C+Ret.
Prod.	2*	Production - Tail BH*	TBD	1.84	13.3	50%	500' inside prev csg	Circulate	Class C+Ret.

**Only applies in scenario where planned single stage job TOC is not 500' above previous shoe as designed/programmed requiring bradenhead 2nd stage to meet requirements*

As Reviewed and Approved by BLM on Feb 8, 2024: Oxy uses a Class C / Pozzolan mix on its production cement slurry, which has the same fluid properties as Class H, and has been pilot and field blend tested to have as good or better compressive strength development at our target densities.

Offline Cementing Request

Oxy requests a variance to cement the 9.625" and/or 7.625" intermediate casing strings offline in accordance to the approved variance, EC Tran 461365. Please see Offline Cementing Variance attachment for further details.

Bradenhead CBL Request

Oxy requests permission to adjust the CBL requirement after bradenhead cement jobs, on 7-5/8" intermediate casings, as per the agreement reached in the OXY/BLM meeting on September 5, 2019. Please see Bradenhead CBL Variance attachment for further details.

Oxy Blanket Design - Casing Design "A"

4. Pressure Control Equipment

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:	Deepest TVD Depth (ft) per Section:
9.875" Hole	13-5/8"	5M	Annular	✓	70% of working pressure	12775**
		5M	Blind Ram	✓	250 psi / 5000 psi	
			Pipe Ram			
			Double Ram	✓		
			Other*			
6.75" Hole	13-5/8"	5M	Annular	✓	100% of working pressure	12775
		10M	Blind Ram	✓	250 psi / 10000 psi	
			Pipe Ram			
			Double Ram	✓		
			Other*			

*Specify if additional ram is utilized
**Curve could be in intermediate or production section

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per 43 CFR part 3170 Subpart 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

5M Annular BOP Request

Per BLM's Memorandum No. NM-2017-008: *Decision and Rationale for a Variance Allowing the Use of a 5M Annular Preventer with a 10M BOP Stack*, Oxy requests to employ a 5M annular with a 10M BOPE stack in the pilot and lateral sections of the well and will ensure that two barriers to flow are

Oxy Blanket Design - Casing Design "A"

Formation integrity test will be performed per 43 CFR part 3170 Subpart 3172.
On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with 43 CFR part 3170 Subpart 3172.

A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. Coflex hoses are in compliance with API 16C and meets inspection and testing requirements. See attached for specs and hydrostatic test chart.	
Y	Are anchors required by manufacturer?

A multibowl or a unionized multibowl wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per 43 CFR part 3170 Subpart 3172 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. We will test the flange connection of the wellhead with a test port that is directly in the flange. We are proposing that we will run the wellhead through the rotary prior to cementing surface casing as discussed with the BLM on October 8, 2015.

See attached Schematics.

BOP Break Testing Request

Oxy requests permission to adjust the BOP break testing requirements as per the agreement reached in the OXY/BLM meeting on September 5, 2019. Please see BOP Break Testing Variance attachment for further details.

Hammer Union Variance

Oxy requests permission for hammer unions behind the choke to be routed to the gas buster. The hammer unions will not be subject to wellbore pressure in compliance with API STD 53.

Oxy will use Cameron ADAPT wellhead system that uses an OEC top flange connection. This connection has been fully vetted and verified by API to Spec 6A and carries an API monogram.

Oxy Blanket Design - Casing Design "A"

5. Mud Program & Drilling Conditions

Section	Depth - MD		Depth - TVD		Type	Weight (ppg)	Viscosity	Water Loss
	From (ft)	To (ft)	From (ft)	To (ft)				
Surface	0	1200	0	1200	Water-Based Mud	8.6 - 8.8	40-60	N/C
Intermediate	1200	13111*	1200	12775*	Saturated Brine-Based or Oil-Based Mud	8.0 - 10.0	35-45	N/C
Production	13111	23361	12775	12775	Water-Based or Oil-Based Mud	9.5 - 13.5	38-50	N/C

Curve could be in intermediate or production section

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls, Drilling Paper, Salt Water Clay, CACL2. Oxy will use a closed mud system.

Drilling Blind Request

In the event total losses are encountered in the intermediate section, Oxy requests permission to drill blind due to depleted formations where risk of hydrocarbon kicks are unlikely.

- Oxy will first attempt to cure losses before proceeding with drilling blind
- Drilling blind will only be allowed in the Castille and formations below
- While drilling blind, will monitor backside by filling-up on connections and utilize gas monitors
- Depths at which losses occurred and attempt to cure losses with relevant details (LCM sweep info, etc.) will be documented in the drillers log and Subsequent Reports to the BLM.
- If a well control event (hydrocarbon kick) occurs while drilling blind, the BLM will be notified after the well is secured and returned to static.

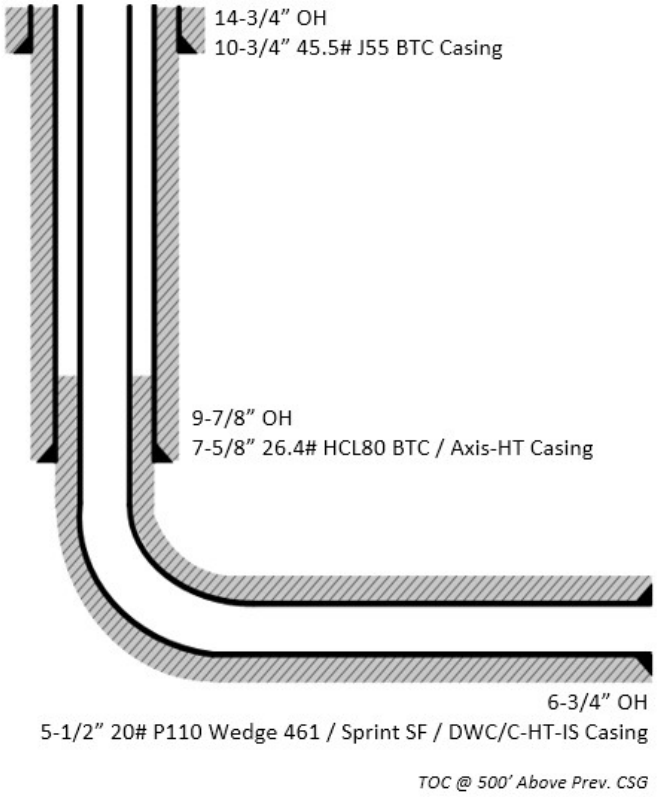
What will be used to monitor the loss or gain of fluid?	PVT/MD Totco/Visual Monitoring

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

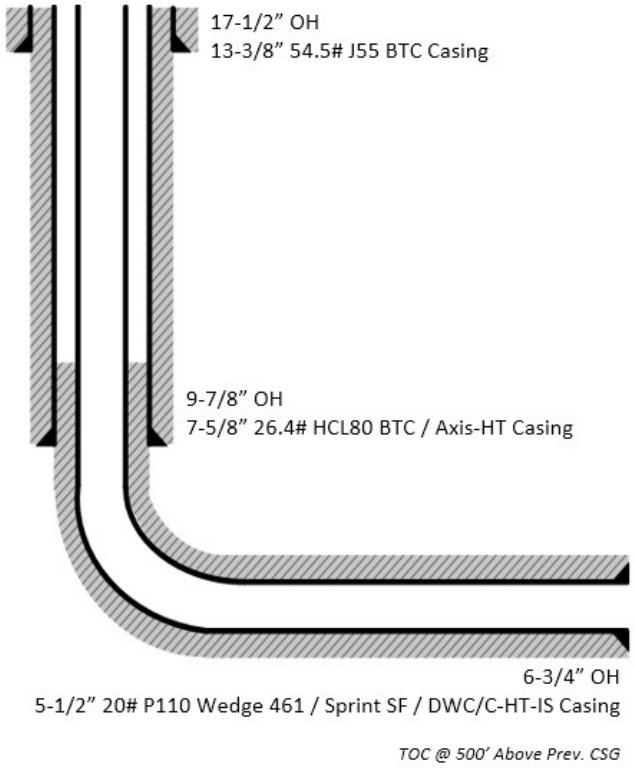
Oxy Blanket Design - Casing Design “A”

6. Wellbore Diagram(s)

Design Variation “A1”

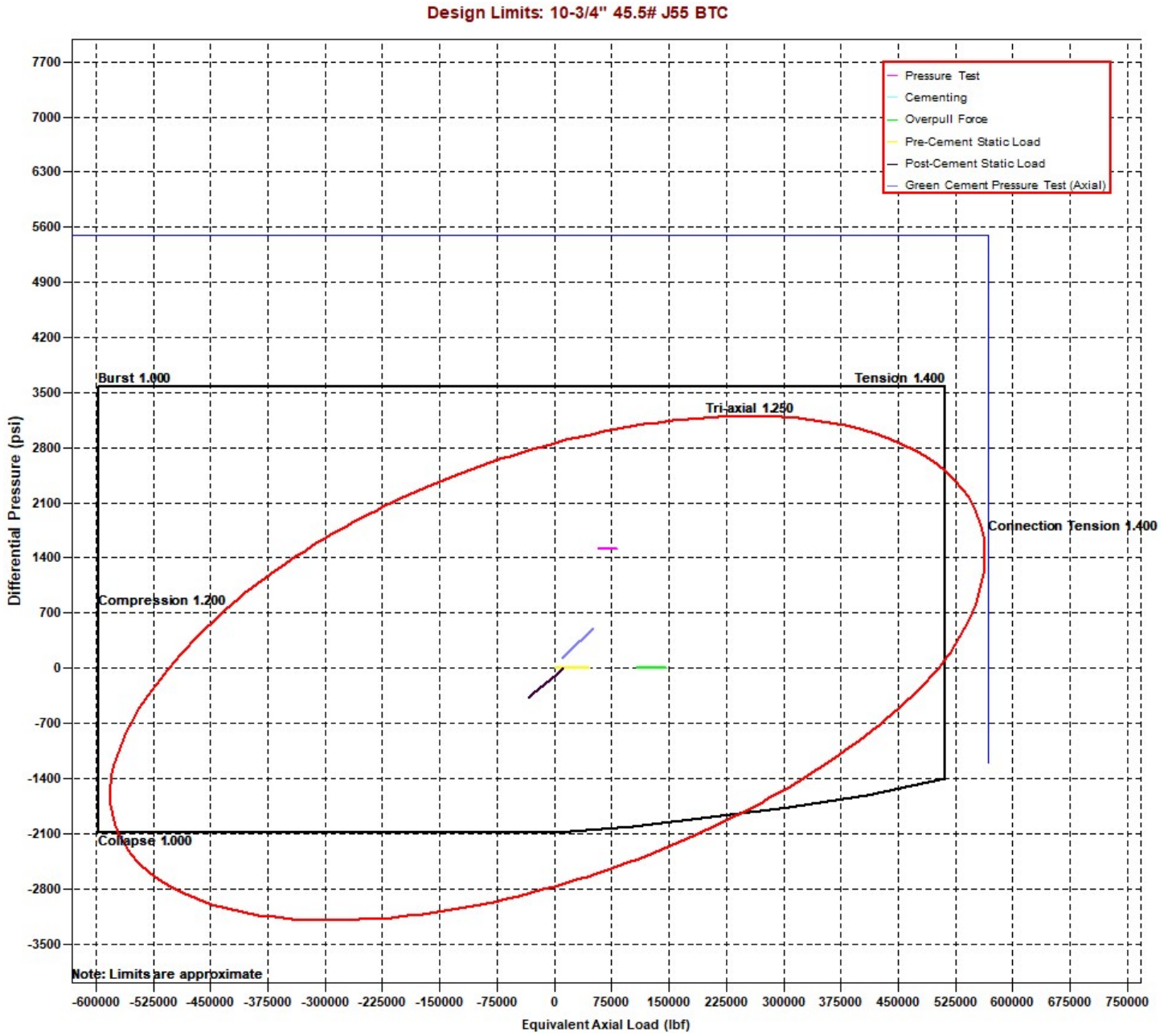


Design Variation “A2”

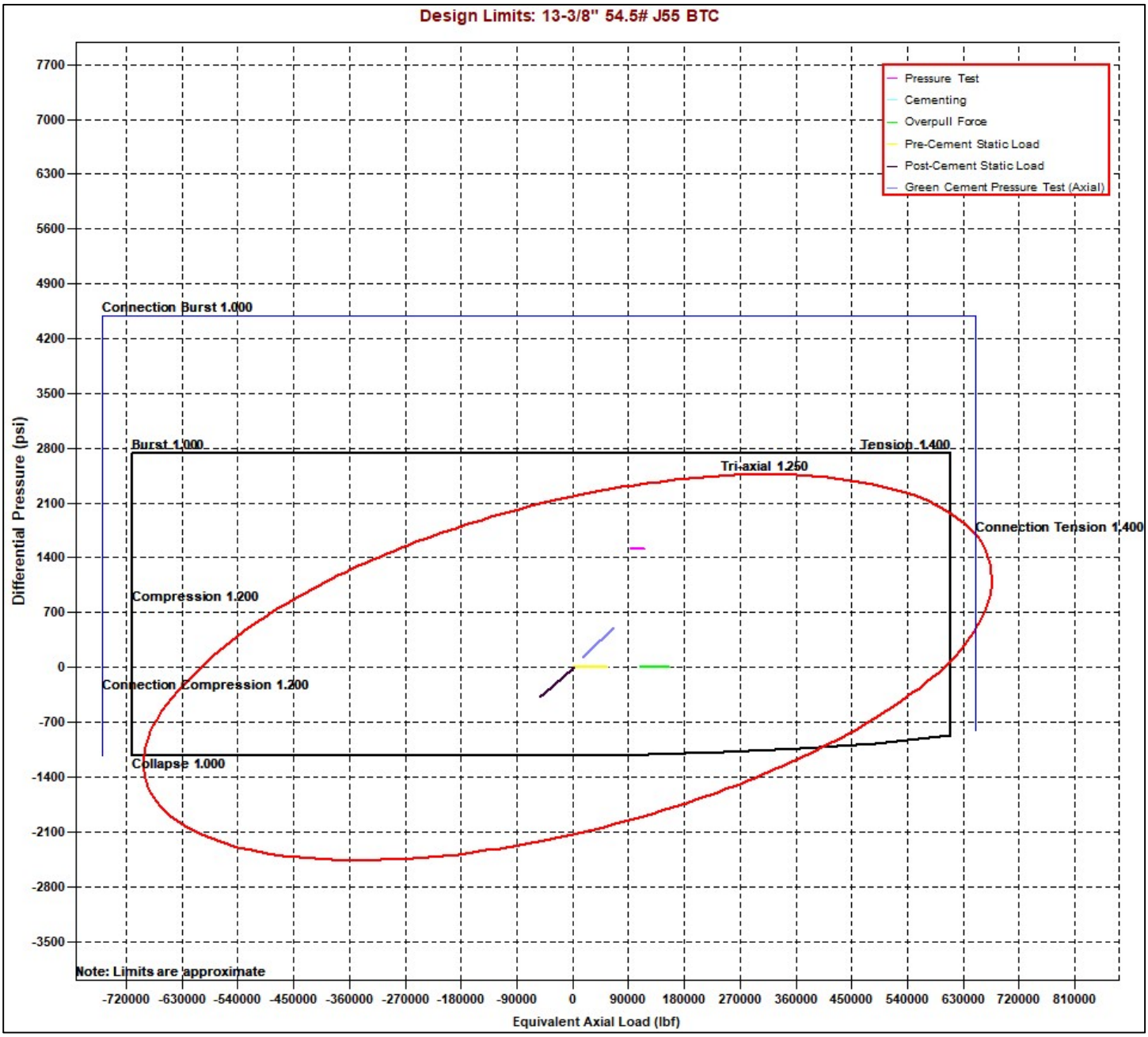


Oxy Blanket Design - Casing Design "A"

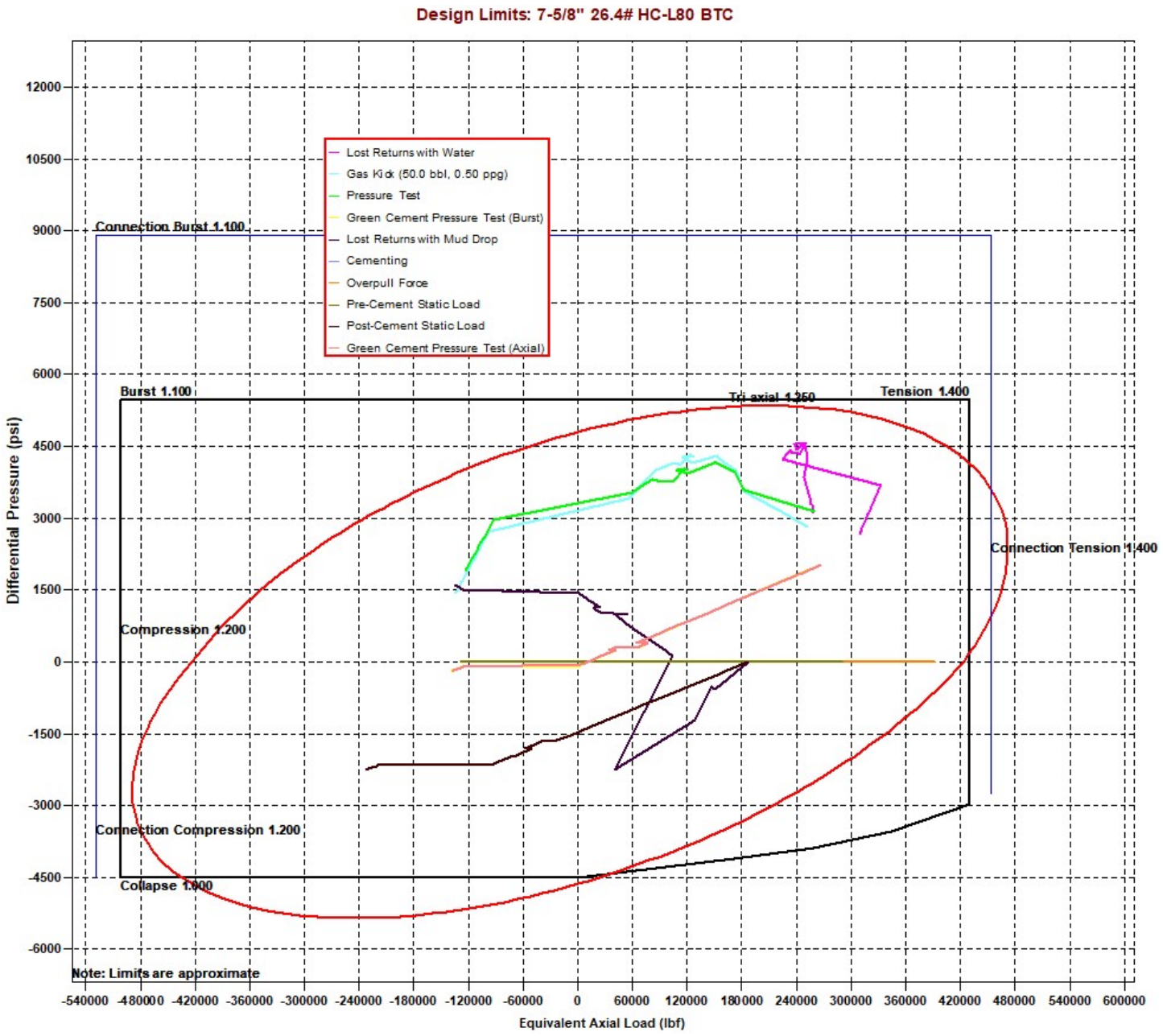
7. Landmark StressCheck Screenshots – Triaxial Output



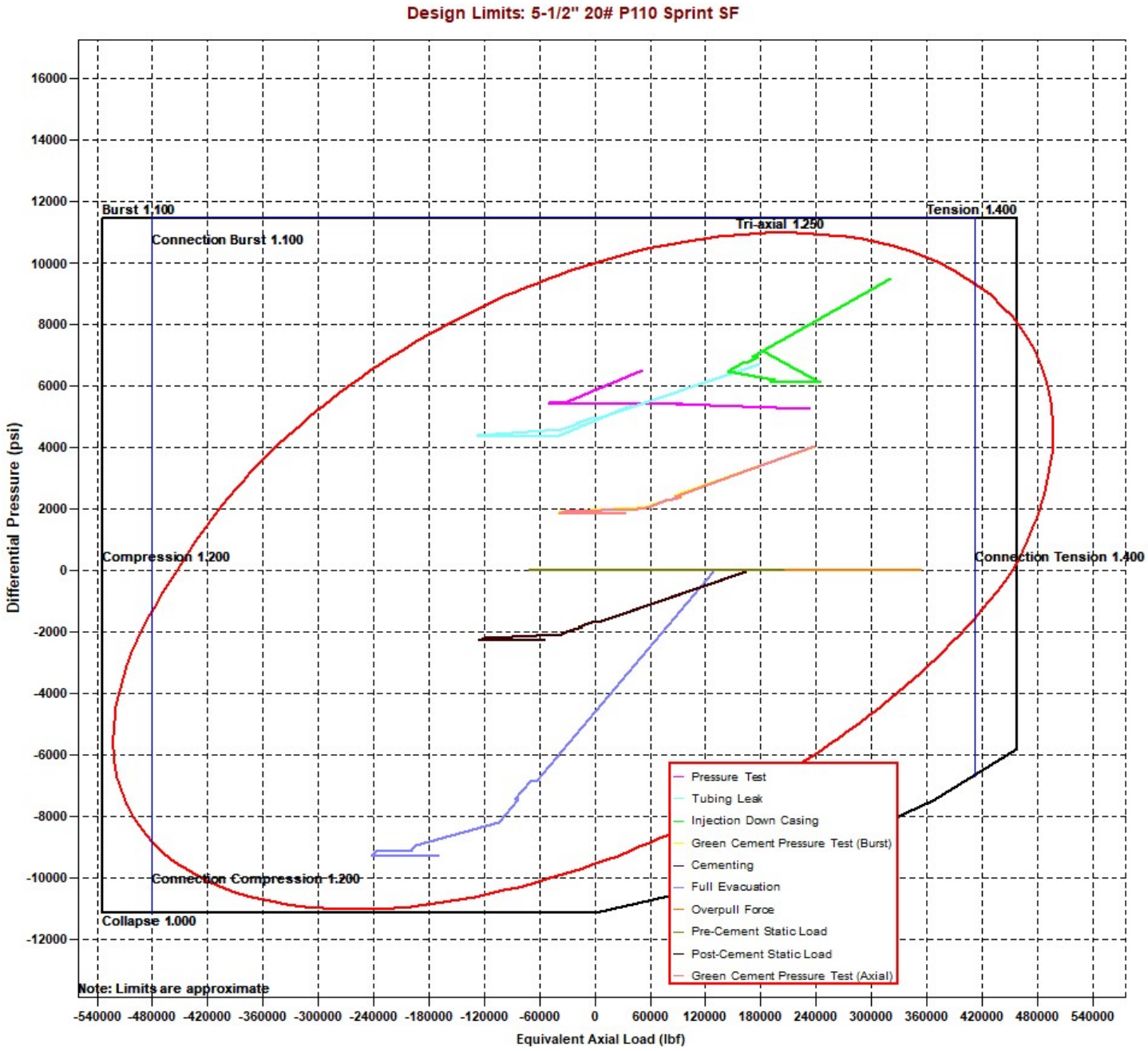
Oxy Blanket Design - Casing Design "A"



Oxy Blanket Design - Casing Design "A"



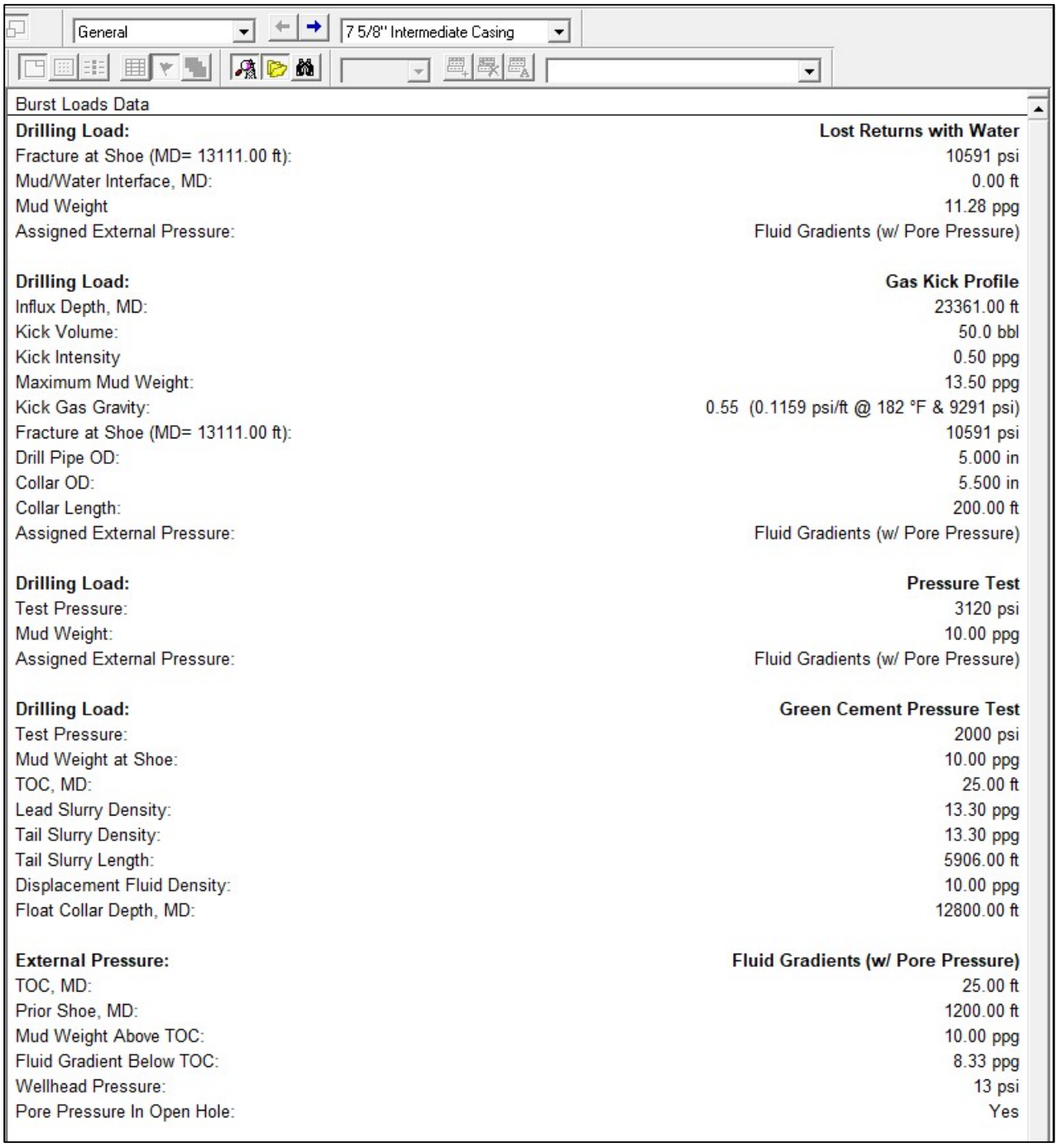
Oxy Blanket Design - Casing Design "A"



Oxy Blanket Design - Casing Design "A"

8. Landmark StressCheck Screenshots – Inputs for Intermediate CSG Load Cases

Burst Load Cases



Burst Loads Data

Drilling Load:	**Lost Returns with Water**
Fracture at Shoe (MD= 13111.00 ft):	10591 psi
Mud/Water Interface, MD:	0.00 ft
Mud Weight	11.28 ppg
Assigned External Pressure:	Fluid Gradients (w/ Pore Pressure)
Drilling Load:	**Gas Kick Profile**
Influx Depth, MD:	23361.00 ft
Kick Volume:	50.0 bbl
Kick Intensity	0.50 ppg
Maximum Mud Weight:	13.50 ppg
Kick Gas Gravity:	0.55 (0.1159 psi/ft @ 182 °F & 9291 psi)
Fracture at Shoe (MD= 13111.00 ft):	10591 psi
Drill Pipe OD:	5.000 in
Collar OD:	5.500 in
Collar Length:	200.00 ft
Assigned External Pressure:	Fluid Gradients (w/ Pore Pressure)
Drilling Load:	**Pressure Test**
Test Pressure:	3120 psi
Mud Weight:	10.00 ppg
Assigned External Pressure:	Fluid Gradients (w/ Pore Pressure)
Drilling Load:	**Green Cement Pressure Test**
Test Pressure:	2000 psi
Mud Weight at Shoe:	10.00 ppg
TOC, MD:	25.00 ft
Lead Slurry Density:	13.30 ppg
Tail Slurry Density:	13.30 ppg
Tail Slurry Length:	5906.00 ft
Displacement Fluid Density:	10.00 ppg
Float Collar Depth, MD:	12800.00 ft
External Pressure:	**Fluid Gradients (w/ Pore Pressure)**
TOC, MD:	25.00 ft
Prior Shoe, MD:	1200.00 ft
Mud Weight Above TOC:	10.00 ppg
Fluid Gradient Below TOC:	8.33 ppg
Wellhead Pressure:	13 psi
Pore Pressure In Open Hole:	Yes

Oxy Blanket Design - Casing Design "A"

Collapse Load Cases

Collapse Loads Data

Drilling Load:	**Cementing**
Mud Weight at Shoe:	10.00 ppg
TOC, MD:	25.00 ft
Lead Slurry Density:	13.30 ppg
Tail Slurry Density:	13.30 ppg
Tail Slurry Length:	5906.00 ft
Displacement Fluid Density:	10.00 ppg
Float Collar Depth, MD:	12800.00 ft
Assigned External Pressure:	Fluid Gradients (w/ Pore Pressure)
Drilling Load:	**Lost Returns with Mud Drop**
Lost Returns Depth, MD:	13110.89 ft
Pore Pressure at Lost Returns Depth:	8183 psi
Pore Pressure Gradient at Lost Returns Depth:	12.33 ppg
Mud Weight:	13.50 ppg
Mud Drop Level, MD:	1106.39 ft
Assigned External Pressure:	Fluid Gradients (w/ Pore Pressure)
External Pressure:	**Fluid Gradients (w/ Pore Pressure)**
TOC, MD:	25.00 ft
Prior Shoe, MD:	1200.00 ft
Fluid Gradient Above TOC:	10.00 ppg
Fluid Gradient Below TOC:	10.00 ppg
Wellhead Pressure:	13 psi
Pore Pressure In Open Hole Below TOC:	No

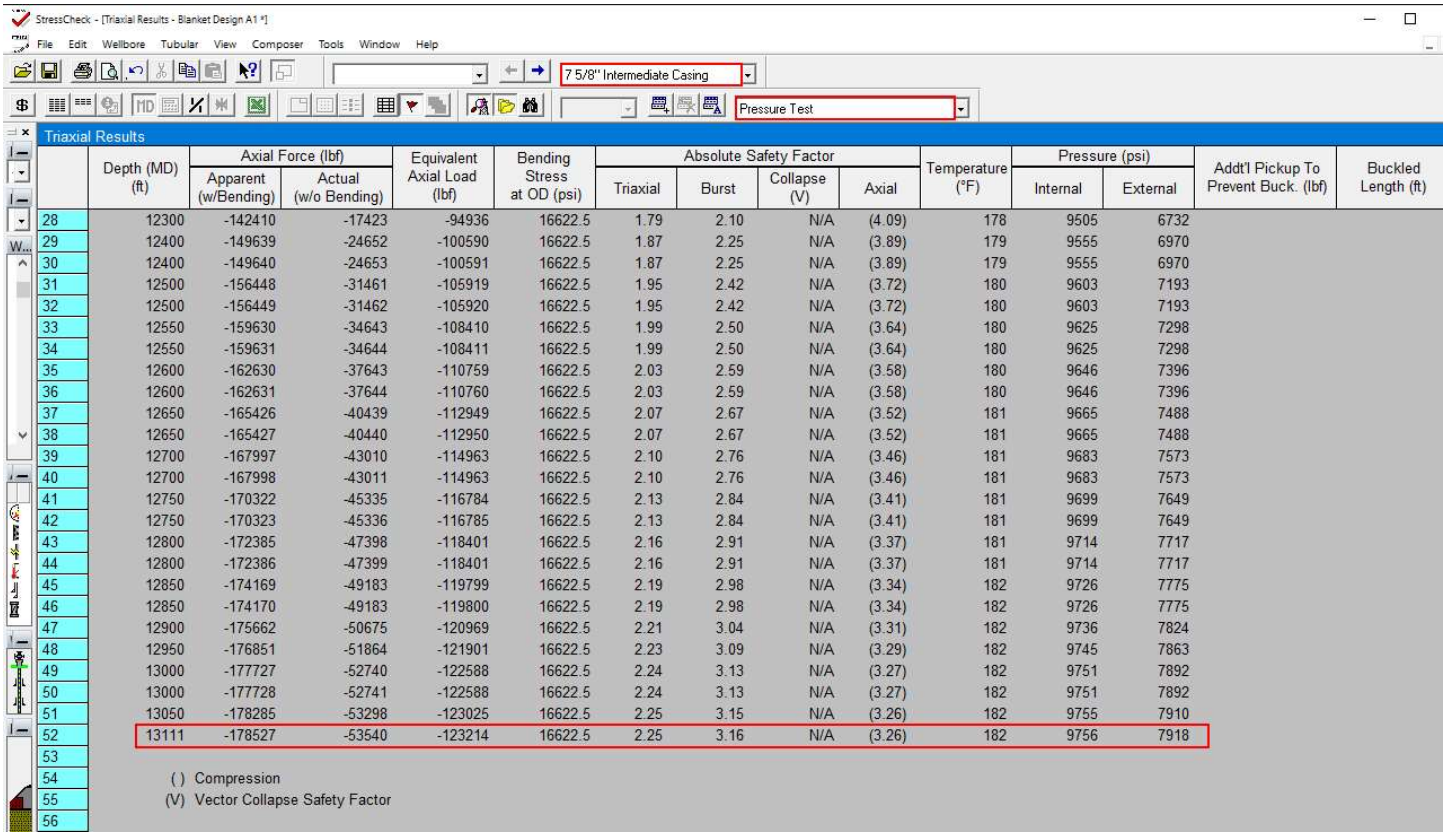
Axial Load Cases

Axial Loads Data

Overpull Force:	100000 lbf
Pre-Cement Static Load:	Yes
Pickup Force:	0 lbf
Post-Cement Static Load:	Yes
Green Cement Pressure Test:	2000 psi
Service Loads:	Yes

Oxy Blanket Design - Casing Design "A"

9. Landmark StressCheck Screenshot – Int. Casing Triaxial Results Table (Pressure Test)



Triaxial Results

	Depth (MD) (ft)	Axial Force (lbf) Apparent (w/Bending)	Axial Force (lbf) Actual (w/o Bending)	Equivalent Axial Load (lbf)	Bending Stress at OD (psi)	Absolute Safety Factor Triaxial	Burst	Collapse (V)	Axial	Temperature (°F)	Pressure (psi) Internal	Pressure (psi) External	Addt'l Pickup To Prevent Buck. (lbf)	Buckled Length (ft)
28	12300	-142410	-17423	-94936	16622.5	1.79	2.10	N/A	(4.09)	178	9505	6732		
29	12400	-149639	-24652	-100590	16622.5	1.87	2.25	N/A	(3.89)	179	9555	6970		
30	12400	-149640	-24653	-100591	16622.5	1.87	2.25	N/A	(3.89)	179	9555	6970		
31	12500	-156448	-31461	-105919	16622.5	1.95	2.42	N/A	(3.72)	180	9603	7193		
32	12500	-156449	-31462	-105920	16622.5	1.95	2.42	N/A	(3.72)	180	9603	7193		
33	12550	-159630	-34643	-108410	16622.5	1.99	2.50	N/A	(3.64)	180	9625	7298		
34	12550	-159631	-34644	-108411	16622.5	1.99	2.50	N/A	(3.64)	180	9625	7298		
35	12600	-162630	-37643	-110759	16622.5	2.03	2.59	N/A	(3.58)	180	9646	7396		
36	12600	-162631	-37644	-110760	16622.5	2.03	2.59	N/A	(3.58)	180	9646	7396		
37	12650	-165426	-40439	-112949	16622.5	2.07	2.67	N/A	(3.52)	181	9665	7488		
38	12650	-165427	-40440	-112950	16622.5	2.07	2.67	N/A	(3.52)	181	9665	7488		
39	12700	-167997	-43010	-114963	16622.5	2.10	2.76	N/A	(3.46)	181	9683	7573		
40	12700	-167998	-43011	-114963	16622.5	2.10	2.76	N/A	(3.46)	181	9683	7573		
41	12750	-170322	-45335	-116784	16622.5	2.13	2.84	N/A	(3.41)	181	9699	7649		
42	12750	-170323	-45336	-116785	16622.5	2.13	2.84	N/A	(3.41)	181	9699	7649		
43	12800	-172385	-47398	-118401	16622.5	2.16	2.91	N/A	(3.37)	181	9714	7717		
44	12800	-172386	-47399	-118401	16622.5	2.16	2.91	N/A	(3.37)	181	9714	7717		
45	12850	-174169	-49183	-119799	16622.5	2.19	2.98	N/A	(3.34)	182	9726	7775		
46	12850	-174170	-49183	-119800	16622.5	2.19	2.98	N/A	(3.34)	182	9726	7775		
47	12900	-175662	-50675	-120969	16622.5	2.21	3.04	N/A	(3.31)	182	9736	7824		
48	12950	-176851	-51864	-121901	16622.5	2.23	3.09	N/A	(3.29)	182	9745	7863		
49	13000	-177727	-52740	-122588	16622.5	2.24	3.13	N/A	(3.27)	182	9751	7892		
50	13000	-177728	-52741	-122588	16622.5	2.24	3.13	N/A	(3.27)	182	9751	7892		
51	13050	-178285	-53298	-123025	16622.5	2.25	3.15	N/A	(3.26)	182	9755	7910		
52	13111	-178527	-53540	-123214	16622.5	2.25	3.16	N/A	(3.26)	182	9756	7918		
53														
54		( ) Compression												
55		(V) Vector Collapse Safety Factor												
56														

Internal Pressure = Surface Pressure + Hydrostatic = 9756 psi
External Pressure = Fluid Gradient w/ Pore Pressure = 7918 psi
Burst SF = 3.16

NOTE: *Specific load case inputs for the pressure test can be seen in **Section 8** above. The test pressure does not exceed 70% of the minimum internal yield.*

Oxy Blanket Design - Casing Design "A"

10. Intermediate Non-API Casing Spec Sheet

AXIS PIPE AND TUBE

Technical Data Sheet

7 5/8" 26.40 lbs/ft. L80HC - Axis HT

Mechanical Properties		
Minimum Yield Strength	psi.	80,000
Maximum Yield Strength	psi.	95,000
Minimum Tensile Strength	psi.	95,000

Dimensions		Pipe	AXIS HT
Outside Diameter	in.	7.625	8.500
Wall Thickness	in.	0.328	-
Inside Diameter	in.	6.969	-
Standard Drift	in.	6.844	6.844
Alternate Drift	in.	-	-
Plain End Weight	lbs/ft.	-	-
Nominal Linear Weight	lbs/ft.	26.40	-

Performance		Pipe	AXIS HT
Minimum Collapse Pressure	psi.	4,320	-
Minimum Internal Yield Pressure	psi.	6,020	6,020
Minimum Pipe Body Yield Strength	lbs.	602 x 1,000	-
Joint Strength	lbs.	-	635 x 1,000

Make-Up Torques		Pipe	AXIS HT
Optimum Make-Up Torque	ft/lbs.	-	8,000
Maximum Operational Torque	ft/lbs.	-	25,000

Oxy Blanket Design - Casing Design “A”

11. Production Non-API Casing Spec Sheets

Printed on: 11/09/2021

Tenaris

TenarisHydril Wedge 461 ® MS

Coupling	Pipe Body
Grade: P110-ICY	Grade: P110-ICY
Body: White	1st Band: White
1st Band: Pale Green	2nd Band: Pale Green
2nd Band: -	3rd Band: Pale Green
3rd Band: -	4th Band: -
	5th Band: -
	6th Band: -

Outside Diameter	5.500 in.	Wall Thickness	0.361 in.	Grade	P110-ICY
Min. Wall Thickness	87.50 %	Pipe Body Drift	API Standard	Type	Casing
Connection OD Option	MS				

Pipe Body Data

Geometry				Performance	
Nominal OD	5.500 in.	Wall Thickness	0.361 in.	Body Yield Strength	729 x1000 lb
Nominal Weight	20 lb/ft	Plain End Weight	19.83 lb/ft	Min. Internal Yield Pressure	14,360 psi
Drift	4.653 in.	OD Tolerance	API	SMYS	125,000 psi
Nominal ID	4.778 in.			Collapse Pressure	12,300 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	6.050 in.	Tension Efficiency	100 %	Minimum	17,000 ft-lb
Coupling Length	7.714 in.	Joint Yield Strength	729 x1000 lb	Optimum	18,000 ft-lb
Connection ID	4.778 in.	Internal Pressure Capacity	14,360 psi	Maximum	21,600 ft-lb
Make-up Loss	3.775 in.	Compression Efficiency	100 %		
Threads per inch	3.40	Compression Strength	729 x1000 lb	Operation Limit Torques	
Connection OD Option	Ms	Max. Allowable Bending	104 °/100 ft	Operating Torque	43,000 ft-lb
		External Pressure Capacity	12,300 psi	Yield Torque	51,000 ft-lb
		Coupling Face Load	273,000 lb		
				Buck-On	
				Minimum	21,600 ft-lb
				Maximum	23,100 ft-lb

Notes

This connection is fully interchangeable with:
Wedge 441® - 5.5 in. - 0.304 / 0.361 in.
Wedge 461® - 5.5 in. - 0.304 / 0.415 / 0.476 in.
Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version
In October 2019, TenarisHydril Wedge XP® 2.0 was renamed TenarisHydril Wedge 461™. Product dimensions and properties remain identical and both connections are fully interchangeable

For the lastest performance data, always visit our website: www.tenaris.com

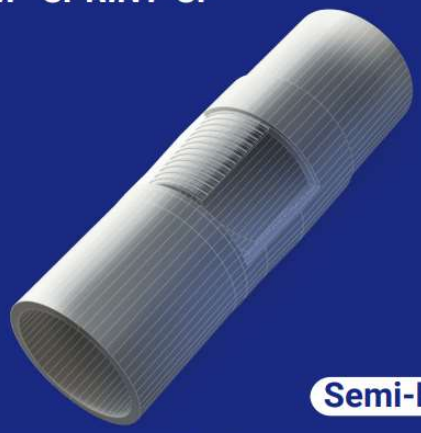
Oxy Blanket Design - Casing Design “A”

Generated on May 21, 2024

CONNECTION DATA SHEET

OD: **5.500 in.** Grade: **P110**
Weight: **20.00 lb/ft** Drift: **4.653 in. (API)**
Wall Th.: **0.361 in.**

VAM® SPRINT-SF



Semi-Flush

Field Torque Values

Make-up Torque (ft-lb)
20,000 **MIN**
22,500 **OPTI**
25,000 **MAX**

Torque with Sealability (ft-lb)
36,000 **MTS**

Locked Flank Torque (ft-lb)
4,500 **MIN**
15,750 **MAX**

(2) MTS: Maximum Torque with Sealability.

PIPE BODY PROPERTIES

Nominal OD	5.500	*in.*
Nominal ID	4.778	*in.*
Nominal Wall Thickness	0.361	*in.*
Minimum Wall Thickness	87.5	*%*
Nominal Weight (API)	20.00	*lb/ft*
Plain End Weight	19.83	*lb/ft*
Drift	4.653	*in.*
Grade Type	API 5CT	
Minimum Yield Strength	110	*ksi*
Maximum Yield Strength	140	*ksi*
Minimum Ultimate Tensile Strength	125	*ksi*
Pipe Body Yield Strength	641	*klb*
Internal Yield Pressure	12,640	*psi*
Collapse Pressure	11,100	*psi*

CONNECTION PROPERTIES

Connection Type	Semi-Premium Integral Semi-Flu	
Nominal Connection OD	5.783	*in.*
Nominal Connection ID	4.718	*in.*
Make-up Loss	5.965	*in.*
Tension Efficiency	90	*% Pipe Body*
Compression Efficiency	90	*% Pipe Body*
Internal Pressure Efficiency	100	*% Pipe Body*
External Pressure Efficiency	100	*% Pipe Body*

JOINT PERFORMANCES

Tension Strength	577	*klb*
Compression Strength	577	*klb*
Internal Pressure Resistance	12,640	*psi*
External Pressure Resistance	11,100	*psi*
Maximum Bending, Structural	78	*°/100 ft*
Maximum Bending, with Sealability(1)	30	*°/100 ft*

(1) Sealability rating demonstrated as per API RP 5C5 / ISO 13679

Oxy Blanket Design - Casing Design "A"

DWC/C-HT-IS

Connection Data Sheet

OD (in.)	WEIGHT (lbs./ft.)	WALL (in.)	GRADE	API DRIFT (in.)	RBW%	CONNECTION
5.500	Nominal: 20.00 Plain End: 19.83	0.361	‡VST P110MY	4.653	87.5	DWC/C-HT-IS

PIPE PROPERTIES		
Nominal OD	5.500	in.
Nominal ID	4.778	in.
Nominal Area	5.828	sq.in.
Grade Type		API 5CT
Min. Yield Strength	125	ksi
Max. Yield Strength	140	ksi
Min. Tensile Strength	135	ksi
Yield Strength	729	klb
Ultimate Strength	787	klb
Min. Internal Yield Pressure	14,360	psi
Collapse Pressure	12,090	psi

CONNECTION PROPERTIES		
Connection Type	Semi-Premium T&C	
Connection OD (nom)	6.050	in.
Connection ID (nom)	4.778	in.
Make-Up Loss	4.125	in.
Coupling Length	9.250	in.
Critical Cross Section	5.828	sq.in.
Tension Efficiency	89.1%	of pipe
Compression Efficiency	88.0%	of pipe
Internal Pressure Efficiency	86.1%	of pipe
External Pressure Efficiency	100.0%	of pipe

CONNECTION PERFORMANCES		
Yield Strength	649	klb
Parting Load	729	klb
Compression Rating	641	klb
Min. Internal Yield Pressure	12,360	psi
External Pressure Resistance	12,090	psi
Maximum Uniaxial Bend Rating	91.7	°/100 ft
Reference String Length w 1.4 Design Factor	22,890	ft.

FIELD TORQUE VALUES		
Min. Make-up torque	16,600	ft.lb
Opti. Make-up torque	17,950	ft.lb
Max. Make-up torque	19,300	ft.lb
Min. Shoulder Torque	1,660	ft.lb
Max. Shoulder Torque	13,280	ft.lb
Max. Delta Turn	0.200	Turns
†Maximum Operational Torque	23,800	ft.lb
†Maximum Torsional Value (MTV)	26,180	ft.lb

† Maximum Operational Torque and Maximum Torsional Value only valid with Vallourec P110MY Material.
‡ P110MY - Coupling Min Yield Strength is 110ksi and Coupling Max Yield is 125ksi.

"VST = Vallourec Star as the mill source for the pipe, "P110EC" is the grade name"

Need Help? Contact: tech.support@vam-usa.com

For detailed information on performance properties, refer to DWC Connection Data Notes on following page(s).

Connection specifications within the control of VAM USA were correct as of the date printed. Specifications are subject to change without notice. Certain connection specifications are dependent on the mechanical properties of the pipe. Mechanical properties of mill proprietary pipe grades were obtained from mill publications and are subject to change. Properties of mill proprietary grades should be confirmed with the mill. Users are advised to obtain current connection specifications and verify pipe mechanical properties for each application.

All information is provided by VAM USA or its affiliates at user's sole risk, without liability for loss, damage or injury resulting from the use thereof; and on an ""AS IS"" basis without warranty or representation of any kind, whether express or implied, including without limitation any warranty of merchantability, fitness for purpose or completeness. This document and its contents are subject to change without notice. In no event shall VAM USA or its affiliates be responsible for any indirect, special, incidental, punitive, exemplary or consequential loss or damage (including without limitation, loss of use, loss of bargain, loss of revenue, profit or anticipated profit) however caused or arising, and whether such losses or damages were foreseeable or VAM USA or its affiliates was advised of the possibility of such damages.

03/04/2024 08:36:50 PM

VAM USA

Oxy Blanket Design - Casing Design “A”

VAM USA
2107 CityWest Boulevard Suite 1300
Houston, TX 77042
Phone: 713-479-3200
Fax: 713-479-3234
VAM® USA Sales E-mail: VAMUSAsales@vam-usa.com
Tech Support Email: tech.support@vam-usa.com

DWC Connection Data Sheet Notes:

1. DWC connections are available with a seal ring (SR) option.
2. All standard DWC/C connections are interchangeable for a given pipe OD. DWC connections are interchangeable with DWC/C-SR connections of the same OD and wall.
3. Connection performance properties are based on nominal pipe body and connection dimensions.
4. DWC connection internal and external pressure resistance is calculated using the API rating for buttress connections. API Internal pressure resistance is calculated from formulas 31, 32, and 35 in the API Bulletin 5C3.
5. DWC joint strength is the minimum pipe body yield strength multiplied by the connection critical area.
6. API joint strength is for reference only. It is calculated from formulas 42 and 43 in the API Bulletin 5C3.
7. Bending efficiency is equal to the compression efficiency.
8. The torque values listed are recommended. The actual torque required may be affected by field conditions such as temperature, thread compound, speed of make-up, weather conditions, etc.
9. Connection yield torque is not to be exceeded.
10. Reference string length is calculated by dividing the joint strength by both the nominal weight in air and a design factor (DF) of 1.4. These values are offered for reference only and do not include load factors such as bending, buoyancy, temperature, load dynamics, etc.
11. DWC connections will accommodate API standard drift diameters.
12. DWC/C family of connections are compatible with API Buttress BTC connections. Please contact tech.support@vam-usa.com for details on connection ratings and make-up.

03/04/2024 08:36:50 PM

Oxy USA Inc. - OLIVE WON UNIT 235H
Drill Plan

1. Geologic Formations

TVD of Target (ft):	11727	Pilot Hole Depth (ft):	
Total Measured Depth (ft):	19790	Deepest Expected Fresh Water (ft):	843

Delaware Basin

Formation	MD-RKB (ft)	TVD-RKB (ft)	Expected Fluids
Rustler	843	843	
Salado	1130	1130	Salt
Castile	3033	3033	Salt
Delaware	4435	4435	Oil/Gas/Brine
Bell Canyon	4483	4483	Oil/Gas/Brine
Cherry Canyon	5366	5366	Oil/Gas/Brine
Brushy Canyon	6562	6562	Losses
Bone Spring	8342	8342	Oil/Gas
Bone Spring 1st	9480	9480	Oil/Gas
Bone Spring 2nd	10019	10019	Oil/Gas
Bone Spring 3rd	11137	11137	Oil/Gas
Wolfcamp	11713	11619	Oil/Gas
Penn			Oil/Gas
Strawn			Oil/Gas

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program

		MD		TVD					
Section	Hole Size (in)	From (ft)	To (ft)	From (ft)	To (ft)	Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
Surface	17.5	0	903	0	903	13.375	54.5	J-55	BTC
Intermediate	9.875	0	11029	0	11029	7.625	26.4	L-80 HC	BTC
Production	6.75	0	19790	0	11727	5.5	20	P-110	Sprint-SF

All casing strings will be tested in accordance with 43 CFR part 3170 Subpart 3172

*Oxy requests the option to run the 10.75” Intermediate I as a contingency string to be run only if severe hole conditions dictate an additional casing string necessary. This would make the planned 7.625" / 7.827" Casing the Intermediate II.
**If 4S Contingency is not required, Oxy requests permission to transition from 12.25" to 9.875" Intermediate I at 1st trip point below Brushy top (estimated top in formation table above). Cement volumes will be updated on C103 submission.

All Casing SF Values will meet or exceed those below			
SF Collapse	**SF Burst**	**Body SF Tension**	**Joint SF Tension**
1.00	1.100	1.4	1.4

	Y or N
Is casing new? If used, attach certification as required in 43 CFR 3160	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	Y
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-Q?	Y
If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?	Y
Is well located in R-111-Q and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

3. Cementing Program

Section	Stage	Slurry:	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	943	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.	1	Intermediate 1S - Tail	566	1.68	13.2	5%	6,812	Circulate	Class C+Ret., Disper.
Int.	2	Intermediate 2S - Tail BH	1219	1.71	13.3	25%	-	Bradenhead	Class C+Accel.
Prod.	1	Production - Tail	524	1.84	13.3	25%	10,529	Circulate	Class C+Ret.

Offline Cementing Request

Oxy requests a variance to cement the 9.625” and/or 7.625” intermediate casing strings offline in accordance to the approved variance, EC Tran 461365. Please see Offline Cementing Variance attachment for further details.

Bradenhead CBL Request

Oxy requests permission to adjust the CBL requirement after bradenhead cement jobs, on 7-5/8” intermediate casings, as per the agreement reached in the OXY/BLM meeting on September 5, 2019. Please see Bradenhead CBL Variance attachment for further details.

4. Pressure Control Equipment

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:	Deepest TVD Depth (ft) per Section:
9.875" Hole	13-5/8”	5M	Annular	✓	70% of working pressure	11029
		5M	Blind Ram	✓	250 psi / 5000 psi	
			Pipe Ram			
			Double Ram	✓		
			Other*			
6.75" Hole	13-5/8”	5M	Annular	✓	100% of working pressure	11727
		10M	Blind Ram	✓	250 psi / 10000 psi	
			Pipe Ram			
			Double Ram	✓		
			Other*			

*Specify if additional ram is utilized

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per 43 CFR part 3170 Subpart 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke

5M Annular BOP Request

Per BLM’s Memorandum No. NM-2017-008: *Decision and Rationale for a Variance Allowing the Use of a 5M Annular Preventer with a 10M BOP Stack*, Oxy requests to employ a 5M annular with a 10M BOPE stack in the pilot and lateral sections of the well and will ensure that two barriers to flow are maintained at all times. Please see Annular BOP Variance attachment for further details.

	Formation integrity test will be performed per 43 CFR part 3170 Subpart 3172.
	On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with 43 CFR part 3170 Subpart 3172.
	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.
	Y Are anchors required by manufacturer?
	A multibowl or a unionized multibowl wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per 43 CFR part 3170 Subpart 3172 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. We will test the flange connection of the wellhead with a test port that is directly in the flange. We are proposing that we will run the wellhead through the rotary prior to cementing surface casing as discussed with the BLM on October 8, 2015. See attached schematics.

BOP Break Testing Request

Oxy requests permission to adjust the BOP break testing requirements as per the agreement reached in the OXY/BLM meeting on September 5, 2019. Please see BOP Break Testing Variance attachment for further details.

Oxy will use Cameron ADAPT wellhead system that uses an OEC top flange connection. This connection has been fully vetted and verified by API to Spec 6A and carries an API monogram.

5. Mud Program

Section	Depth - MD		Depth - TVD		Type	Weight (ppg)	Viscosity	Water Loss
	From (ft)	To (ft)	From (ft)	To (ft)				
Surface	0	903	0	903	Water-Based Mud	8.6 - 8.8	40-60	N/C
Intermediate	903	11029	903	11029	Saturated Brine-Based or Oil-Based Mud	8.0 - 10.0	35-45	N/C
Production	11029	19790	11029	11727	Water-Based or Oil-Based Mud	9.5 - 12.5	38-50	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls,

What will be used to monitor the loss or gain of fluid?	PVT/MD Totco/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing.	
Yes	Will run GR from TD to surface (horizontal well – vertical portion of hole).
	Stated logs run will be in the Completion Report and submitted to the BLM.
No	Logs are planned based on well control or offset log information.
No	Drill stem test? If yes, explain
No	Coring? If yes, explain

Additional logs planned		Interval
No	Resistivity	
No	Density	
Yes	CBL	Production string
Yes	Mud log	Bone Spring – TD
No	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	7623 psi
Abnormal Temperature	No
BH Temperature at deepest TVD	174°F

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of 43 CFR part 3170 Subpart 3172. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S Plan attached

8. Other facets of operation

	Yes/No
Will the well be drilled with a walking/skidding operation? If yes, describe. We plan to drill the 3 well pad in batch by section: all surface sections, intermediate sections and production sections. The wellhead will be secured with a night cap whenever the rig is not over the well.	Yes
Will more than one drilling rig be used for drilling operations? If yes, describe. Oxy requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Oxy would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig.	Yes

Total Estimated Cuttings Volume: 1616 bbls

Project: Eddy County, NM (NAD83-NME)
Site: Olive Won Unit
Well: Olive Won Unit 235H
Wellbore: OH
Design: Plan 3 09-23-25
Rig: Citadel 2

PHOENIX TECHNOLOGY SERVICES

T G M

Azimuths to Grid North
True North: -0.31°
Magnetic North: 5.94°

Magnetic Field
Strength: 47326.7nT
Dip Angle: 59.90°
Date: 9/30/2025
Model: HDGM

WELL DETAILS

Ground Level: 3515.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	495701.27	722558.75	32° 21' 40.994234 N	103° 44' 47.100574 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00		
2	3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.000	0.00		KOP, Begin 1.00°/100' Build
3	3600.00	1.00	90.00	3599.99	0.00	0.87	1.00	90.000	0.01		Hold 1.00° Inc at 90.00° Azm
4	4763.18	1.00	90.00	4763.00	0.00	21.17	0.00	0.000	0.21		KOP2, Begin 2.00°/100' Build
5	5240.20	10.00	29.92	5237.45	35.98	46.05	2.00	-65.240	36.44		Hold 10.00° Inc at 29.92° Azm
6	8068.83	10.00	29.92	8023.11	461.70	291.05	0.00	0.000	464.59		Begin 1.50°/100' Drop
7	8735.50	0.00	0.00	8686.40	512.00	320.00	1.50	180.000	515.18		Begin Vertical Hold
8	11162.16	0.00	0.00	11113.06	512.00	320.00	0.00	0.000	515.18		KOP3, Begin 10.00°/100' Build
9	11612.16	45.00	328.61	11518.20	655.25	232.58	10.00	328.606	657.54		Begin 10.00°/100' Build & Turn
10	12144.67	90.60	359.66	11718.30	1115.84	125.10	10.00	40.078	1117.04		LP, Hold 90.60° Inc at 359.66° Azm
11	19326.59	90.60	359.66	11643.10	8297.24	83.03	0.00	0.000	8297.66	BHL - OLVWN 235H	TD at 19326.59

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
842.00	842.00	RUSTLER
1129.00	1129.00	SALADO
3032.00	3032.00	CASTILE
4434.00	4434.13	DELAWARE
4482.00	4482.14	BELL CANYON
5364.41	5369.12	CHERRY CANYON
6558.49	6581.62	BRUSHY CANYON
8335.75	8384.36	BONE SPRING
9473.60	9522.70	BONE SPRING 1ST
9645.60	9694.70	Second Bone Spring Limestone
10012.60	10061.70	BONE SPRING 2ND
10367.60	10416.70	Second Bone Spring Lower Sandstone
10454.60	10503.70	Third Bone Spring Limestone
11130.60	11179.70	BONE SPRING 3RD
11349.15	11405.50	Third Bone Spring Sandstone_C
11395.94	11458.01	Third Bone Spring Sandstone_B
11502.25	11590.02	Third Bone Spring Sandstone_A
11610.06	11757.68	WOLFCAMP
11620.89	11777.89	WOLFCAMP
11688.39	11940.65	Wolfcamp Y

Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone

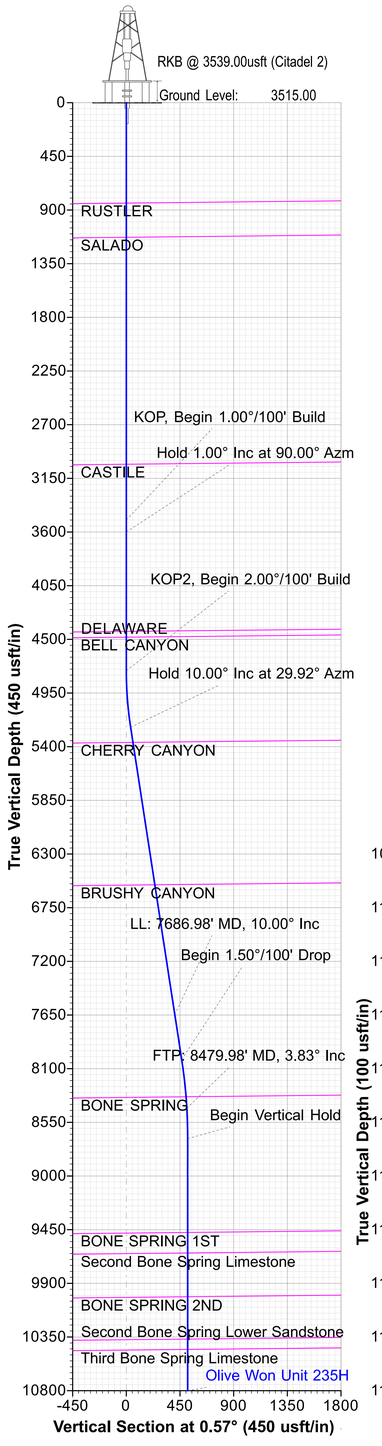
Local Origin: Well Olive Won Unit 235H, Grid North

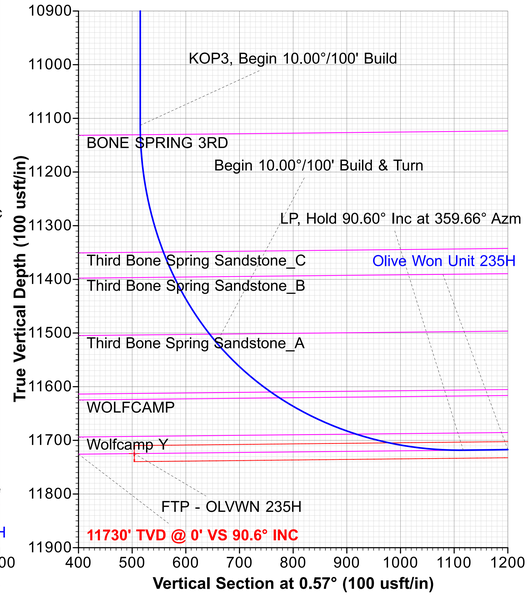
Latitude: 32° 21' 40.994234 N
Longitude: 103° 44' 47.100574 W

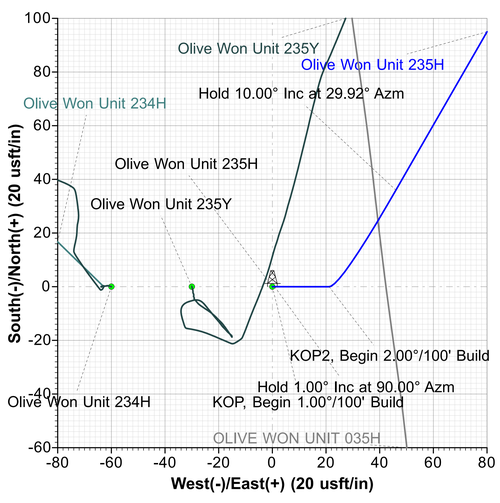
Grid East: 722558.75
Grid North: 495701.27
Scale Factor: 1.000

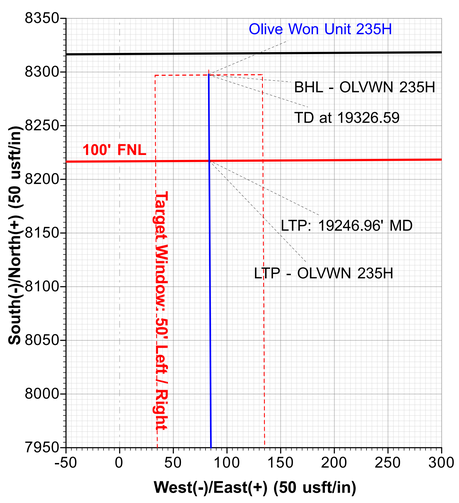
Geomagnetic Model: HDGM
Sample Date: 30-Sep-25
Magnetic Declination: 6.250°
Dip Angle from Horizontal: 59.900°
Magnetic Field Strength: 47326.70000000nT

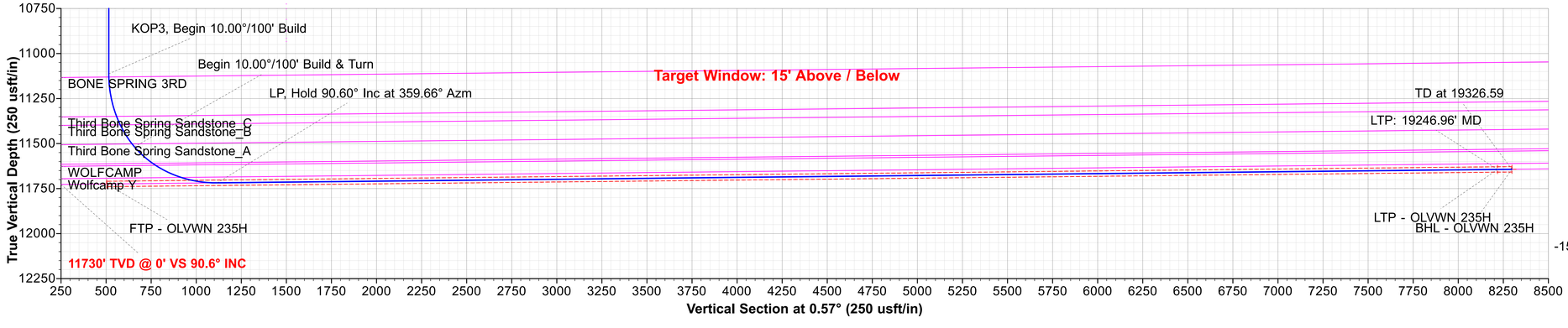
To convert a Magnetic Direction to a Grid Direction, Add 5.936°
To convert a Magnetic Direction to a True Direction, Add 6.250° East
To convert a True Direction to a Grid Direction, Subtract 0.314°

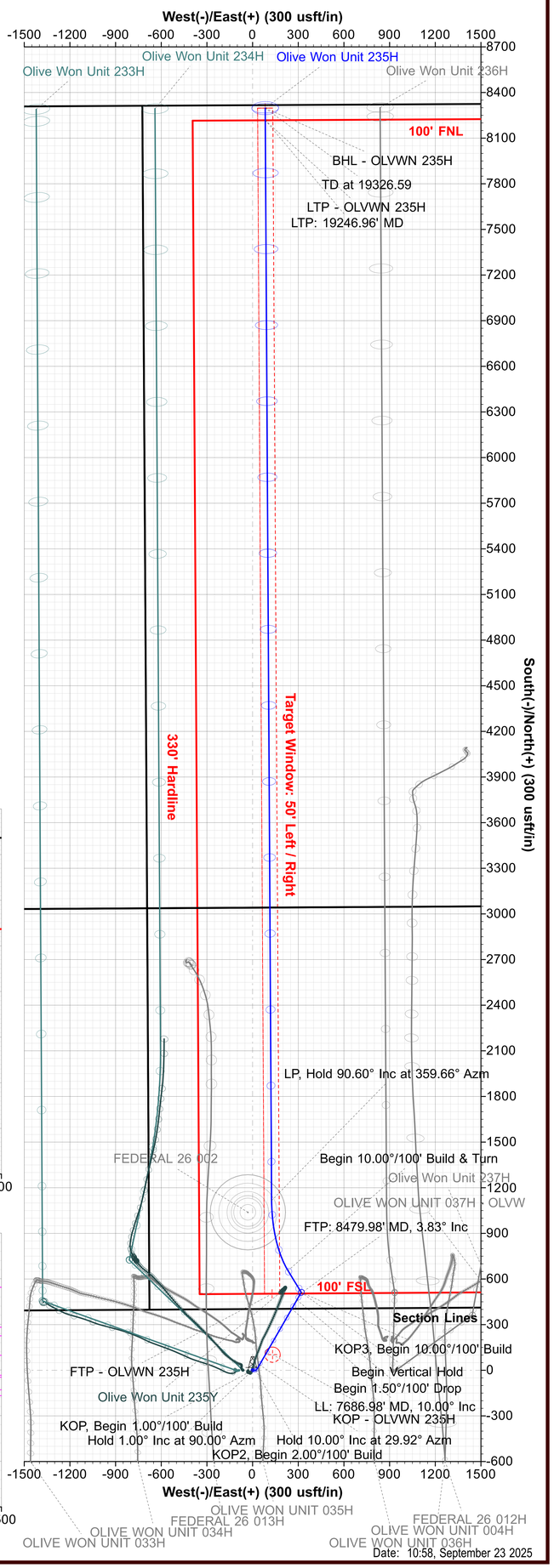












Date: 10:58, September 23 2025

PHOENIX
TECHNOLOGY SERVICES

OXY USA INC.

Eddy County, NM (NAD83-NME)
Olive Won Unit
Olive Won Unit 235H

OH

Plan: Plan 3 09-23-25

Standard Planning Report

23 September, 2025

PHOENIX TECHNOLOGY SERVICES

Phoenix
Planning Report

OXY

Database:	USAEDMDB	**Local Co-ordinate Reference:**	Well Olive Won Unit 235H
Company:	OXY USA INC.	**TVD Reference:**	RKB @ 3539.00usft (Citadel 2)
Project:	Eddy County, NM (NAD83-NME)	**MD Reference:**	RKB @ 3539.00usft (Citadel 2)
Site:	Olive Won Unit	**North Reference:**	Grid
Well:	Olive Won Unit 235H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 3 09-23-25		

Project Eddy County, NM (NAD83-NME)

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

Site Olive Won Unit

Site Position:		**Northing:**	493,922.81 usft	**Latitude:**	32° 21' 23.058517 N
From:	Map	**Easting:**	728,672.75 usft	**Longitude:**	103° 43' 35.936962 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "		

Well Olive Won Unit 235H

Well Position	**+N/-S**	0.00 usft	**Northing:**	495,701.27 usft	**Latitude:**	32° 21' 40.994234 N
	+E/-W	0.00 usft	**Easting:**	722,558.75 usft	**Longitude:**	103° 44' 47.100574 W
Position Uncertainty		6.00 usft	**Wellhead Elevation:**	3,515.00 usft	**Ground Level:**	3,515.00 usft
Grid Convergence:		0.314 °				

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	9/30/2025	6.250	59.900	47,326.70000000

Design Plan 3 09-23-25

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	0.57

Plan Survey Tool Program **Date** 9/23/2025

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	19,326.59	Plan 3 09-23-25 (OH)	SQC_C705Mb_MWD+IFR MWD+IFR1+Sag+FDIR	

PHOENIX TECHNOLOGY SERVICES

Phoenix
Planning Report

OXY

Database:	USAEDMDB	**Local Co-ordinate Reference:**	Well Olive Won Unit 235H
Company:	OXY USA INC.	**TVD Reference:**	RKB @ 3539.00usft (Citadel 2)
Project:	Eddy County, NM (NAD83-NME)	**MD Reference:**	RKB @ 3539.00usft (Citadel 2)
Site:	Olive Won Unit	**North Reference:**	Grid
Well:	Olive Won Unit 235H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 3 09-23-25		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.000	
3,600.00	1.00	90.00	3,600.00	0.00	0.87	1.00	1.00	0.00	90.000	
4,763.18	1.00	90.00	4,763.00	0.00	21.17	0.00	0.00	0.00	0.000	
5,240.20	10.00	29.92	5,237.45	35.98	46.05	2.00	1.89	-12.59	-65.240	
8,068.83	10.00	29.92	8,023.11	461.70	291.05	0.00	0.00	0.00	0.000	
8,735.50	0.00	0.00	8,686.40	512.00	320.00	1.50	-1.50	0.00	180.000	
11,162.16	0.00	0.00	11,113.06	512.00	320.00	0.00	0.00	0.00	0.000	
11,612.16	45.00	328.61	11,518.20	655.25	232.58	10.00	10.00	0.00	328.606	
12,144.67	90.60	359.66	11,718.30	1,115.84	125.10	10.00	8.56	5.83	40.078	
19,326.59	90.60	359.66	11,643.10	8,297.24	83.03	0.00	0.00	0.00	0.000	BHL - OLVWN 235H

PHOENIX TECHNOLOGY SERVICES

Phoenix

Planning Report

OXY

Database:	USAEDMDB	**Local Co-ordinate Reference:**	Well Olive Won Unit 235H
Company:	OXY USA INC.	**TVD Reference:**	RKB @ 3539.00usft (Citadel 2)
Project:	Eddy County, NM (NAD83-NME)	**MD Reference:**	RKB @ 3539.00usft (Citadel 2)
Site:	Olive Won Unit	**North Reference:**	Grid
Well:	Olive Won Unit 235H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 3 09-23-25		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, Begin 1.00°/100' Build									
3,600.00	1.00	90.00	3,600.00	0.00	0.87	0.01	1.00	1.00	0.00
Hold 1.00° Inc at 90.00° Azm									
3,700.00	1.00	90.00	3,699.98	0.00	2.62	0.03	0.00	0.00	0.00
3,800.00	1.00	90.00	3,799.96	0.00	4.36	0.04	0.00	0.00	0.00
3,900.00	1.00	90.00	3,899.95	0.00	6.11	0.06	0.00	0.00	0.00
4,000.00	1.00	90.00	3,999.93	0.00	7.85	0.08	0.00	0.00	0.00
4,100.00	1.00	90.00	4,099.92	0.00	9.60	0.10	0.00	0.00	0.00
4,200.00	1.00	90.00	4,199.90	0.00	11.34	0.11	0.00	0.00	0.00
4,300.00	1.00	90.00	4,299.89	0.00	13.09	0.13	0.00	0.00	0.00
4,400.00	1.00	90.00	4,399.87	0.00	14.83	0.15	0.00	0.00	0.00
4,500.00	1.00	90.00	4,499.86	0.00	16.58	0.17	0.00	0.00	0.00
4,600.00	1.00	90.00	4,599.84	0.00	18.33	0.18	0.00	0.00	0.00
4,700.00	1.00	90.00	4,699.83	0.00	20.07	0.20	0.00	0.00	0.00
4,763.18	1.00	90.00	4,763.00	0.00	21.17	0.21	0.00	0.00	0.00
KOP2, Begin 2.00°/100' Build									
4,800.00	1.47	62.93	4,799.81	0.21	21.91	0.43	2.00	1.27	-73.53
4,900.00	3.28	40.80	4,899.72	2.97	24.93	3.22	2.00	1.81	-22.12
5,000.00	5.23	34.73	4,999.44	8.88	29.40	9.18	2.00	1.95	-6.08
5,100.00	7.21	31.96	5,098.85	17.96	35.32	18.31	2.00	1.98	-2.77
5,200.00	9.20	30.38	5,197.82	30.18	42.69	30.61	2.00	1.99	-1.58
5,240.20	10.00	29.92	5,237.45	35.98	46.05	36.44	2.00	1.99	-1.14
Hold 10.00° Inc at 29.92° Azm									
5,300.00	10.00	29.92	5,296.35	44.98	51.23	45.49	0.00	0.00	0.00
5,400.00	10.00	29.92	5,394.83	60.03	59.89	60.63	0.00	0.00	0.00
5,500.00	10.00	29.92	5,493.31	75.08	68.55	75.76	0.00	0.00	0.00
5,600.00	10.00	29.92	5,591.79	90.13	77.22	90.90	0.00	0.00	0.00
5,700.00	10.00	29.92	5,690.27	105.18	85.88	106.04	0.00	0.00	0.00
5,800.00	10.00	29.92	5,788.75	120.23	94.54	121.17	0.00	0.00	0.00
5,900.00	10.00	29.92	5,887.23	135.28	103.20	136.31	0.00	0.00	0.00
6,000.00	10.00	29.92	5,985.71	150.33	111.86	151.45	0.00	0.00	0.00
6,100.00	10.00	29.92	6,084.19	165.38	120.52	166.58	0.00	0.00	0.00
6,200.00	10.00	29.92	6,182.67	180.44	129.19	181.72	0.00	0.00	0.00
6,300.00	10.00	29.92	6,281.15	195.49	137.85	196.86	0.00	0.00	0.00
6,400.00	10.00	29.92	6,379.63	210.54	146.51	211.99	0.00	0.00	0.00
6,500.00	10.00	29.92	6,478.12	225.59	155.17	227.13	0.00	0.00	0.00
6,600.00	10.00	29.92	6,576.60	240.64	163.83	242.26	0.00	0.00	0.00
6,700.00	10.00	29.92	6,675.08	255.69	172.49	257.40	0.00	0.00	0.00
6,800.00	10.00	29.92	6,773.56	270.74	181.15	272.54	0.00	0.00	0.00
6,900.00	10.00	29.92	6,872.04	285.79	189.82	287.67	0.00	0.00	0.00
7,000.00	10.00	29.92	6,970.52	300.84	198.48	302.81	0.00	0.00	0.00
7,100.00	10.00	29.92	7,069.00	315.89	207.14	317.95	0.00	0.00	0.00
7,200.00	10.00	29.92	7,167.48	330.94	215.80	333.08	0.00	0.00	0.00
7,300.00	10.00	29.92	7,265.96	345.99	224.46	348.22	0.00	0.00	0.00
7,400.00	10.00	29.92	7,364.44	361.04	233.12	363.36	0.00	0.00	0.00
7,500.00	10.00	29.92	7,462.92	376.09	241.79	378.49	0.00	0.00	0.00
7,600.00	10.00	29.92	7,561.40	391.14	250.45	393.63	0.00	0.00	0.00
7,686.98	10.00	29.92	7,647.07	404.23	257.98	406.80	0.00	0.00	0.00
LL: 7686.98' MD, 10.00° Inc									
7,700.00	10.00	29.92	7,659.88	406.19	259.11	408.77	0.00	0.00	0.00
7,800.00	10.00	29.92	7,758.37	421.24	267.77	423.90	0.00	0.00	0.00
7,900.00	10.00	29.92	7,856.85	436.29	276.43	439.04	0.00	0.00	0.00

PHOENIX TECHNOLOGY SERVICES

Phoenix

Planning Report

OXY

Database:	USAEDMDB	**Local Co-ordinate Reference:**	Well Olive Won Unit 235H
Company:	OXY USA INC.	**TVD Reference:**	RKB @ 3539.00usft (Citadel 2)
Project:	Eddy County, NM (NAD83-NME)	**MD Reference:**	RKB @ 3539.00usft (Citadel 2)
Site:	Olive Won Unit	**North Reference:**	Grid
Well:	Olive Won Unit 235H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 3 09-23-25		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,000.00	10.00	29.92	7,955.33	451.34	285.09	454.17	0.00	0.00	0.00
8,068.83	10.00	29.92	8,023.11	461.70	291.05	464.59	0.00	0.00	0.00
Begin 1.50°/100' Drop									
8,100.00	9.53	29.92	8,053.83	466.29	293.69	469.20	1.50	-1.50	0.00
8,200.00	8.03	29.92	8,152.65	479.52	301.31	482.51	1.50	-1.50	0.00
8,300.00	6.53	29.92	8,251.84	490.51	307.63	493.56	1.50	-1.50	0.00
8,400.00	5.03	29.92	8,351.33	499.24	312.66	502.34	1.50	-1.50	0.00
8,479.98	3.83	29.92	8,431.08	504.60	315.74	507.73	1.50	-1.50	0.00
FTP: 8479.98' MD, 3.83° Inc									
8,500.00	3.53	29.92	8,451.05	505.71	316.38	508.85	1.50	-1.50	0.00
8,600.00	2.03	29.92	8,550.93	509.92	318.80	513.08	1.50	-1.50	0.00
8,700.00	0.53	29.92	8,650.90	511.86	319.92	515.03	1.50	-1.50	0.00
8,735.50	0.00	0.00	8,686.40	512.00	320.00	515.18	1.50	-1.50	0.00
Begin Vertical Hold									
8,800.00	0.00	0.00	8,750.90	512.00	320.00	515.18	0.00	0.00	0.00
8,900.00	0.00	0.00	8,850.90	512.00	320.00	515.18	0.00	0.00	0.00
9,000.00	0.00	0.00	8,950.90	512.00	320.00	515.18	0.00	0.00	0.00
9,100.00	0.00	0.00	9,050.90	512.00	320.00	515.18	0.00	0.00	0.00
9,200.00	0.00	0.00	9,150.90	512.00	320.00	515.18	0.00	0.00	0.00
9,300.00	0.00	0.00	9,250.90	512.00	320.00	515.18	0.00	0.00	0.00
9,400.00	0.00	0.00	9,350.90	512.00	320.00	515.18	0.00	0.00	0.00
9,500.00	0.00	0.00	9,450.90	512.00	320.00	515.18	0.00	0.00	0.00
9,600.00	0.00	0.00	9,550.90	512.00	320.00	515.18	0.00	0.00	0.00
9,700.00	0.00	0.00	9,650.90	512.00	320.00	515.18	0.00	0.00	0.00
9,800.00	0.00	0.00	9,750.90	512.00	320.00	515.18	0.00	0.00	0.00
9,900.00	0.00	0.00	9,850.90	512.00	320.00	515.18	0.00	0.00	0.00
10,000.00	0.00	0.00	9,950.90	512.00	320.00	515.18	0.00	0.00	0.00
10,100.00	0.00	0.00	10,050.90	512.00	320.00	515.18	0.00	0.00	0.00
10,200.00	0.00	0.00	10,150.90	512.00	320.00	515.18	0.00	0.00	0.00
10,300.00	0.00	0.00	10,250.90	512.00	320.00	515.18	0.00	0.00	0.00
10,400.00	0.00	0.00	10,350.90	512.00	320.00	515.18	0.00	0.00	0.00
10,500.00	0.00	0.00	10,450.90	512.00	320.00	515.18	0.00	0.00	0.00
10,600.00	0.00	0.00	10,550.90	512.00	320.00	515.18	0.00	0.00	0.00
10,700.00	0.00	0.00	10,650.90	512.00	320.00	515.18	0.00	0.00	0.00
10,800.00	0.00	0.00	10,750.90	512.00	320.00	515.18	0.00	0.00	0.00
10,900.00	0.00	0.00	10,850.90	512.00	320.00	515.18	0.00	0.00	0.00
11,000.00	0.00	0.00	10,950.90	512.00	320.00	515.18	0.00	0.00	0.00
11,100.00	0.00	0.00	11,050.90	512.00	320.00	515.18	0.00	0.00	0.00
11,162.16	0.00	0.00	11,113.06	512.00	320.00	515.18	0.00	0.00	0.00
KOP3, Begin 10.00°/100' Build									
11,200.00	3.78	328.61	11,150.87	513.07	319.35	516.24	10.00	10.00	0.00
11,300.00	13.78	328.61	11,249.58	526.09	311.40	529.18	10.00	10.00	0.00
11,400.00	23.78	328.61	11,344.13	553.54	294.65	556.46	10.00	10.00	0.00
11,500.00	33.78	328.61	11,431.66	594.59	269.60	597.26	10.00	10.00	0.00
11,600.00	43.78	328.61	11,509.51	647.99	237.01	650.33	10.00	10.00	0.00
11,612.16	45.00	328.61	11,518.20	655.25	232.58	657.54	10.00	10.00	0.00
Begin 10.00°/100' Build & Turn									
11,700.00	51.96	335.78	11,576.44	713.42	202.15	715.41	10.00	7.93	8.16
11,800.00	60.32	342.41	11,632.15	790.94	172.80	792.63	10.00	8.35	6.63
11,900.00	68.95	348.01	11,674.98	878.21	149.92	879.67	10.00	8.63	5.60
12,000.00	77.74	352.98	11,703.63	972.59	134.21	973.88	10.00	8.80	4.97
12,100.00	86.62	357.63	11,717.22	1,071.21	126.15	1,072.41	10.00	8.88	4.65
12,144.67	90.60	359.66	11,718.30	1,115.84	125.10	1,117.04	10.00	8.90	4.56

PHOENIX TECHNOLOGY SERVICES

Phoenix

Planning Report

OXY

Database:	USAEDMDB	**Local Co-ordinate Reference:**	Well Olive Won Unit 235H
Company:	OXY USA INC.	**TVD Reference:**	RKB @ 3539.00usft (Citadel 2)
Project:	Eddy County, NM (NAD83-NME)	**MD Reference:**	RKB @ 3539.00usft (Citadel 2)
Site:	Olive Won Unit	**North Reference:**	Grid
Well:	Olive Won Unit 235H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 3 09-23-25		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
LP, Hold 90.60° Inc at 359.66° Azm									
12,200.00	90.60	359.66	11,717.72	1,171.16	124.77	1,172.35	0.00	0.00	0.00
12,300.00	90.60	359.66	11,716.68	1,271.16	124.19	1,272.34	0.00	0.00	0.00
12,400.00	90.60	359.66	11,715.63	1,371.15	123.60	1,372.32	0.00	0.00	0.00
12,500.00	90.60	359.66	11,714.58	1,471.14	123.02	1,472.30	0.00	0.00	0.00
12,600.00	90.60	359.66	11,713.53	1,571.14	122.43	1,572.28	0.00	0.00	0.00
12,700.00	90.60	359.66	11,712.49	1,671.13	121.85	1,672.26	0.00	0.00	0.00
12,800.00	90.60	359.66	11,711.44	1,771.12	121.26	1,772.25	0.00	0.00	0.00
12,900.00	90.60	359.66	11,710.39	1,871.11	120.67	1,872.23	0.00	0.00	0.00
13,000.00	90.60	359.66	11,709.35	1,971.11	120.09	1,972.21	0.00	0.00	0.00
13,100.00	90.60	359.66	11,708.30	2,071.10	119.50	2,072.19	0.00	0.00	0.00
13,200.00	90.60	359.66	11,707.25	2,171.09	118.92	2,172.17	0.00	0.00	0.00
13,300.00	90.60	359.66	11,706.21	2,271.09	118.33	2,272.16	0.00	0.00	0.00
13,400.00	90.60	359.66	11,705.16	2,371.08	117.75	2,372.14	0.00	0.00	0.00
13,500.00	90.60	359.66	11,704.11	2,471.07	117.16	2,472.12	0.00	0.00	0.00
13,600.00	90.60	359.66	11,703.06	2,571.06	116.57	2,572.10	0.00	0.00	0.00
13,700.00	90.60	359.66	11,702.02	2,671.06	115.99	2,672.08	0.00	0.00	0.00
13,800.00	90.60	359.66	11,700.97	2,771.05	115.40	2,772.07	0.00	0.00	0.00
13,900.00	90.60	359.66	11,699.92	2,871.04	114.82	2,872.05	0.00	0.00	0.00
14,000.00	90.60	359.66	11,698.88	2,971.03	114.23	2,972.03	0.00	0.00	0.00
14,100.00	90.60	359.66	11,697.83	3,071.03	113.64	3,072.01	0.00	0.00	0.00
14,200.00	90.60	359.66	11,696.78	3,171.02	113.06	3,171.99	0.00	0.00	0.00
14,300.00	90.60	359.66	11,695.73	3,271.01	112.47	3,271.97	0.00	0.00	0.00
14,400.00	90.60	359.66	11,694.69	3,371.01	111.89	3,371.96	0.00	0.00	0.00
14,500.00	90.60	359.66	11,693.64	3,471.00	111.30	3,471.94	0.00	0.00	0.00
14,600.00	90.60	359.66	11,692.59	3,570.99	110.72	3,571.92	0.00	0.00	0.00
14,700.00	90.60	359.66	11,691.55	3,670.98	110.13	3,671.90	0.00	0.00	0.00
14,800.00	90.60	359.66	11,690.50	3,770.98	109.54	3,771.88	0.00	0.00	0.00
14,900.00	90.60	359.66	11,689.45	3,870.97	108.96	3,871.87	0.00	0.00	0.00
15,000.00	90.60	359.66	11,688.41	3,970.96	108.37	3,971.85	0.00	0.00	0.00
15,100.00	90.60	359.66	11,687.36	4,070.96	107.79	4,071.83	0.00	0.00	0.00
15,200.00	90.60	359.66	11,686.31	4,170.95	107.20	4,171.81	0.00	0.00	0.00
15,300.00	90.60	359.66	11,685.26	4,270.94	106.62	4,271.79	0.00	0.00	0.00
15,400.00	90.60	359.66	11,684.22	4,370.93	106.03	4,371.78	0.00	0.00	0.00
15,500.00	90.60	359.66	11,683.17	4,470.93	105.44	4,471.76	0.00	0.00	0.00
15,600.00	90.60	359.66	11,682.12	4,570.92	104.86	4,571.74	0.00	0.00	0.00
15,700.00	90.60	359.66	11,681.08	4,670.91	104.27	4,671.72	0.00	0.00	0.00
15,800.00	90.60	359.66	11,680.03	4,770.91	103.69	4,771.70	0.00	0.00	0.00
15,900.00	90.60	359.66	11,678.98	4,870.90	103.10	4,871.69	0.00	0.00	0.00
16,000.00	90.60	359.66	11,677.94	4,970.89	102.52	4,971.67	0.00	0.00	0.00
16,100.00	90.60	359.66	11,676.89	5,070.88	101.93	5,071.65	0.00	0.00	0.00
16,200.00	90.60	359.66	11,675.84	5,170.88	101.34	5,171.63	0.00	0.00	0.00
16,300.00	90.60	359.66	11,674.79	5,270.87	100.76	5,271.61	0.00	0.00	0.00
16,400.00	90.60	359.66	11,673.75	5,370.86	100.17	5,371.60	0.00	0.00	0.00
16,500.00	90.60	359.66	11,672.70	5,470.85	99.59	5,471.58	0.00	0.00	0.00
16,600.00	90.60	359.66	11,671.65	5,570.85	99.00	5,571.56	0.00	0.00	0.00
16,700.00	90.60	359.66	11,670.61	5,670.84	98.42	5,671.54	0.00	0.00	0.00
16,800.00	90.60	359.66	11,669.56	5,770.83	97.83	5,771.52	0.00	0.00	0.00
16,900.00	90.60	359.66	11,668.51	5,870.83	97.24	5,871.51	0.00	0.00	0.00
17,000.00	90.60	359.66	11,667.46	5,970.82	96.66	5,971.49	0.00	0.00	0.00
17,100.00	90.60	359.66	11,666.42	6,070.81	96.07	6,071.47	0.00	0.00	0.00
17,200.00	90.60	359.66	11,665.37	6,170.80	95.49	6,171.45	0.00	0.00	0.00
17,300.00	90.60	359.66	11,664.32	6,270.80	94.90	6,271.43	0.00	0.00	0.00
17,400.00	90.60	359.66	11,663.28	6,370.79	94.32	6,371.41	0.00	0.00	0.00

PHOENIX TECHNOLOGY SERVICES

Phoenix
Planning Report

OXY

Database:	USAEDMDB	**Local Co-ordinate Reference:**	Well Olive Won Unit 235H
Company:	OXY USA INC.	**TVD Reference:**	RKB @ 3539.00usft (Citadel 2)
Project:	Eddy County, NM (NAD83-NME)	**MD Reference:**	RKB @ 3539.00usft (Citadel 2)
Site:	Olive Won Unit	**North Reference:**	Grid
Well:	Olive Won Unit 235H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 3 09-23-25		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,500.00	90.60	359.66	11,662.23	6,470.78	93.73	6,471.40	0.00	0.00	0.00
17,600.00	90.60	359.66	11,661.18	6,570.78	93.14	6,571.38	0.00	0.00	0.00
17,700.00	90.60	359.66	11,660.14	6,670.77	92.56	6,671.36	0.00	0.00	0.00
17,800.00	90.60	359.66	11,659.09	6,770.76	91.97	6,771.34	0.00	0.00	0.00
17,900.00	90.60	359.66	11,658.04	6,870.75	91.39	6,871.32	0.00	0.00	0.00
18,000.00	90.60	359.66	11,656.99	6,970.75	90.80	6,971.31	0.00	0.00	0.00
18,100.00	90.60	359.66	11,655.95	7,070.74	90.21	7,071.29	0.00	0.00	0.00
18,200.00	90.60	359.66	11,654.90	7,170.73	89.63	7,171.27	0.00	0.00	0.00
18,300.00	90.60	359.66	11,653.85	7,270.73	89.04	7,271.25	0.00	0.00	0.00
18,400.00	90.60	359.66	11,652.81	7,370.72	88.46	7,371.23	0.00	0.00	0.00
18,500.00	90.60	359.66	11,651.76	7,470.71	87.87	7,471.22	0.00	0.00	0.00
18,600.00	90.60	359.66	11,650.71	7,570.70	87.29	7,571.20	0.00	0.00	0.00
18,700.00	90.60	359.66	11,649.66	7,670.70	86.70	7,671.18	0.00	0.00	0.00
18,800.00	90.60	359.66	11,648.62	7,770.69	86.11	7,771.16	0.00	0.00	0.00
18,900.00	90.60	359.66	11,647.57	7,870.68	85.53	7,871.14	0.00	0.00	0.00
19,000.00	90.60	359.66	11,646.52	7,970.67	84.94	7,971.13	0.00	0.00	0.00
19,100.00	90.60	359.66	11,645.48	8,070.67	84.36	8,071.11	0.00	0.00	0.00
19,200.00	90.60	359.66	11,644.43	8,170.66	83.77	8,171.09	0.00	0.00	0.00
19,246.96	90.60	359.66	11,643.94	8,217.62	83.50	8,218.04	0.00	0.00	0.00
LTP: 19246.96' MD									
19,300.00	90.60	359.66	11,643.38	8,270.65	83.19	8,271.07	0.00	0.00	0.00
19,326.59	90.60	359.66	11,643.10	8,297.24	83.03	8,297.66	0.00	0.00	0.00
TD at 19326.59									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
BHL - OLVWN 235H - plan hits target center - Rectangle (sides W100.00 H7,795.02 D30.00)	-0.60	359.66	11,643.10	8,297.24	83.03	503,998.51	722,641.78	32° 23' 3.093490 N	3° 44' 45.601594 W
LTP - OLVWN 235H - plan misses target center by 0.04usft at 19246.58usft MD (11643.94 TVD, 8217.24 N, 83.50 E) - Point	0.00	0.00	11,643.94	8,217.24	83.54	503,918.51	722,642.29	32° 23' 2.301839 N	3° 44' 45.600769 W
FTP - OLVWN 235H - plan misses target center by 266.43usft at 11684.25usft MD (11566.59 TVD, 702.26 N, 207.31 E) - Point	0.00	0.00	11,724.72	502.78	128.64	496,204.05	722,687.39	32° 21' 45.962424 N	3° 44' 45.568634 W
KOP - OLVWN 235H - plan misses target center by 590.16usft at 11513.70usft MD (11442.95 TVD, 601.20 N, 265.56 E) - Circle (radius 50.00)	0.00	0.00	11,728.91	102.63	131.64	495,803.90	722,690.39	32° 21' 42.002646 N	3° 44' 45.559257 W

PHOENIX TECHNOLOGY SERVICES

Phoenix
Planning Report

OXY

Database:	USAEDMDB	**Local Co-ordinate Reference:**	Well Olive Won Unit 235H
Company:	OXY USA INC.	**TVD Reference:**	RKB @ 3539.00usft (Citadel 2)
Project:	Eddy County, NM (NAD83-NME)	**MD Reference:**	RKB @ 3539.00usft (Citadel 2)
Site:	Olive Won Unit	**North Reference:**	Grid
Well:	Olive Won Unit 235H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 3 09-23-25		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
842.00	842.00	RUSTLER		-0.600	0.57
1,129.00	1,129.00	SALADO		-0.600	0.57
3,032.00	3,032.00	CASTILE		-0.600	0.57
4,434.13	4,434.00	DELAWARE		-0.600	0.57
4,482.14	4,482.00	BELL CANYON		-0.600	0.57
5,369.12	5,364.41	CHERRY CANYON		-0.600	0.57
6,581.62	6,558.49	BRUSHY CANYON		-0.600	0.57
8,384.36	8,335.75	BONE SPRING		-0.600	0.57
9,522.70	9,473.61	BONE SPRING 1ST		-0.600	0.57
9,694.70	9,645.61	Second Bone Spring Limestone		-0.600	0.57
10,061.70	10,012.61	BONE SPRING 2ND		-0.600	0.57
10,416.70	10,367.61	Second Bone Spring Lower Sandstc		-0.600	0.57
10,503.70	10,454.61	Third Bone Spring Limestone		-0.600	0.57
11,179.70	11,130.60	BONE SPRING 3RD		-0.600	0.57
11,405.50	11,349.15	Third Bone Spring Sandstone_C		-0.600	0.57
11,458.01	11,395.94	Third Bone Spring Sandstone_B		-0.600	0.57
11,590.02	11,502.25	Third Bone Spring Sandstone_A		-0.600	0.57
11,757.68	11,610.06	WOLFCAMP		-0.600	0.57
11,777.89	11,620.89	WOLFCAMP		-0.600	0.57
11,940.65	11,688.39	Wolfcamp Y		-0.600	0.57

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
3,500.00	3,500.00	0.00	0.00	KOP, Begin 1.00°/100' Build
3,600.00	3,600.00	0.00	0.87	Hold 1.00° Inc at 90.00° Azm
4,763.18	4,763.00	0.00	21.17	KOP2, Begin 2.00°/100' Build
5,240.20	5,237.45	35.98	46.05	Hold 10.00° Inc at 29.92° Azm
7,686.98	7,647.07	404.23	257.98	LL: 7686.98' MD, 10.00° Inc
8,068.83	8,023.11	461.70	291.05	Begin 1.50°/100' Drop
8,479.98	8,431.08	504.60	315.74	FTP: 8479.98' MD, 3.83° Inc
8,735.50	8,686.40	512.00	320.00	Begin Vertical Hold
11,162.16	11,113.06	512.00	320.00	KOP3, Begin 10.00°/100' Build
11,612.16	11,518.20	655.25	232.58	Begin 10.00°/100' Build & Turn
12,144.67	11,718.30	1,115.84	125.10	LP, Hold 90.60° Inc at 359.66° Azm
19,246.96	11,643.94	8,217.62	83.50	LTP: 19246.96' MD
19,326.59	11,643.10	8,297.24	83.03	TD at 19326.59

C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals, & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024
PAGE 1 OF 2

Submittal Type: [X] Initial Submittal [ ] Amended Report [ ] As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-015-57294	98123	WC-015 G-08 S233102C; WOLFCAMP

Property Code	Property Name	Well Number
336102	OLIVE WON UNIT	235H

OGRID No.	Operator Name	Ground Level Elevation
16696	OXY USA INC.	3515'

Surface Owner: [ ] State [ ] Fee [ ] Tribal [✓] Federal
Mineral Owner: [ ] State [ ] Fee [ ] Tribal [✓] Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
J	26	22S	31E		2237' FSL	1962' FEL	32.36138729	-103.74641683	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
B	23	22S	31E		20' FNL	1830' FEL	32.38419262	-103.74600044	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
480.00	INFILL	30-015-56522	N	U

Order Numbers: N/A
Well setbacks are under Common Ownership: [ ] Yes [✓] No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
J	26	22S	31E		2339' FSL	1830' FEL	32.36166741	-103.74598868	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
G	26	22S	31E		2539' FNL	1830' FEL	32.36276734	-103.74599128	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
B	23	22S	31E		100' FNL	1830' FEL	32.38397272	-103.74600022	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type:	Ground Floor Elevation
Y	[X] Horizontal [ ] Vertical	3515'

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Leslie T. Reeves 9/23/2025
Signature Date

LESLIE REEVES
Printed Name

LESLIE_REEVES@OXY.COM
Email Address

SURVEYOR CERTIFICATIONS

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.

Signature and Seal of Professional Surveyor

Certificate Number	Date of Survey
29049	SEPTEMBER 22, 2025

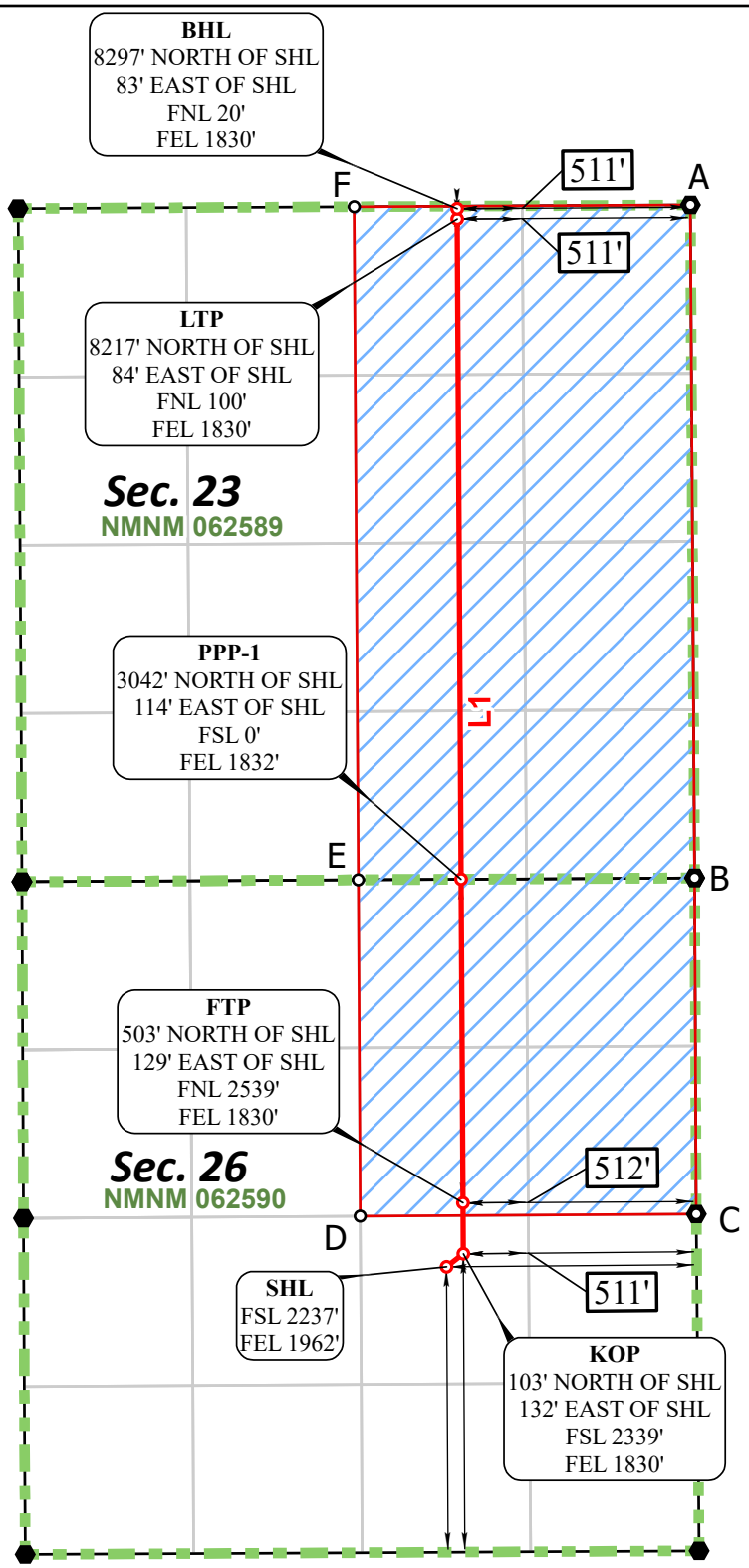
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

OLIVE WON UNIT 235H

PAGE 2 OF 2

BHL (NAD83)	X:722641.78' / Y:503998.51'
	LAT:32.38419262 / LON:-103.74600044
BHL (NAD27)	X:681459.45' / Y:503938.09'
	LAT:32.38407005 / LON:-103.74551125
LTP (NAD83)	X:722642.29' / Y:503918.51'
	LAT:32.38397272 / LON:-103.74600022
LTP (NAD27)	X:681459.95' / Y:503858.10'
	LAT:32.38385015 / LON:-103.74551105
PPP-1 (NAD83)	X:722672.55' / Y:498743.01'
	LAT:32.36974639 / LON:-103.74599423
PPP-1 (NAD27)	X:681490.06' / Y:498682.73'
	LAT:32.36962374 / LON:-103.74550563
FTP (NAD83)	X:722687.39' / Y:496204.05'
	LAT:32.36276734 / LON:-103.74599128
FTP (NAD27)	X:681504.83' / Y:496143.84'
	LAT:32.36264465 / LON:-103.74550296
KOP (NAD83)	X:722690.39' / Y:495803.90'
	LAT:32.36166741 / LON:-103.74598868
KOP (NAD27)	X:681507.81' / Y:495743.71'
	LAT:32.36154472 / LON:-103.74550040
SHL (NAD83)	X:722558.75' / Y:495701.27'
	LAT:32.36138729 / LON:-103.74641683
SHL (NAD27)	X:681376.17' / Y:495641.08'
	LAT:32.36126459 / LON:-103.74592855



CORNER COORDINATES NAD 83, SPCS NM EAST	CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 724471.63' / Y:504028.35'	A - X: 683289.28' / Y:503967.93'
B - X: 724504.95' / Y:498753.54'	B - X: 683322.45' / Y:498693.27'
C - X: 724517.84' / Y:496116.14'	C - X: 683335.27' / Y:496055.94'
D - X: 721881.57' / Y:496099.59'	D - X: 680699.00' / Y:496039.39'
E - X: 721866.30' / Y:498738.37'	E - X: 680683.81' / Y:498678.10'
F - X: 721834.60' / Y:504014.16'	F - X: 680652.27' / Y:503953.75'

*FTP TO LTP LINE BEARINGS

LINE	BEARING
L1	N 00°20'06" W ~ 7714.59'

*FTP TO LTP LEASE DISTANCES

TRACT	DISTANCE
NMNM 062590	2539.00'
NMNM 062589	5175.59'
TOTAL	7714.59'

Drill Line Events | Section Corners | Drill Line | Dimension Lines | Federal Leases | HSU | HSU Corners

JOB No. 20251068_OW01_16122
REV 1 NDS 9/22/2025

All bearings and coordinates refer to New Mexico State Plane Coordinate System, East Zone, U.S. Survey Feet.

Distances/areas relative to NAD 83 grid measurements. Combined Scale Factor: 0.99978405 and a Convergence Angle: 0.31759444°

Form 3160-3
(October 2024)

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: NMNM62590

6. If Indian, Allotee or Tribe Name:

1a. Type of work: ☑ DRILL ☐ REENTER

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other

1c. Type of Completion: ☑ Hydraulic Fracturing ☐ Single Zone ☐ Multiple Zone

7. If Unit or CA Agreement, Name and No.:

8. Lease Name and Well No.: OLIVE WON UNIT #235H

2. Name of Operator: OXY USA INCORPORATED

9. API Well No.: 30-015-

3a. Address: 5 GREENWAY PLAZA, SUITE 110, HOUSTON TX 77046

3b. Phone No. *(include area code)*: (713) 497-2492

10. Field and Pool, or Exploratory: WC-015 G-08 S233102C; WOLFCAMP

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: NWSE / 2237'FSL / 1962'FEL / LAT 32.36138729 / LONG -103.74641683

At proposed prod. zone: NWNE / 20'FNL / 1830'FEL / LAT 32.38419262 / LONG -103.74600044

11. Sec., T. R. M. or Blk. and Survey or Area: SEC 26/T22S/R31E/NMP

14. Distance in miles and direction from nearest town or post office*: 17 MILES

12. County or Parish: EDDY

13. State: NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 20 feet

16. No of acres in lease:

17. Spacing Unit dedicated to this well: 480.0

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 30 feet

19. Proposed Depth:

20. BLM/BIA Bond No. in file: FED : NMB001508

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 3515 feet

22. Approximate date work will start*: 09/25/2025

23. Estimated duration: 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

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

25. Signature: Leslie T. Reeves

Name *(Printed/Typed)*: LESLIE REEVES

Date: 09/23/2025

Title: REGULATORY MANAGER

Approved by *(Signature)*:

Name *(Printed/Typed)*:

Date:

Title:

Office:

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

Conditions of approval, if any, are attached.

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

(Continued on page 2)

*(Instructions on page 2)

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws 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, either are shown below or will be issued by, or may be obtained from local Federal offices. As of May 13, 2017, and pursuant to 43 CFR § 3171.5, operators must file this form and associated documents using the Bureau of Land Management's electronic commerce application, the Automated Fluid Minerals Support System (AFMSS). *https://afmss.blm.gov/afmss-gateway-ui/*

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the wen, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been direction any drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICES

The Privacy Act of 1974 and 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., 25 U.S.C. 396; 43 CFR 3160
PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service wen or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.
ROUTINE USE: Information from the record and/or the record win be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.
EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM conects this information to anow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. 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 of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Conection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Form 3160-3
(October 2024)

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: NMNM62590

6. If Indian, Allotee or Tribe Name:

1a. Type of work: ☑ DRILL ☐ REENTER

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other

1c. Type of Completion: ☑ Hydraulic Fracturing ☐ Single Zone ☐ Multiple Zone

7. If Unit or CA Agreement, Name and No.:

8. Lease Name and Well No.: OLIVE WON UNIT #235H

2. Name of Operator: OXY USA INCORPORATED

9. API Well No.: 30-015-

3a. Address: 5 GREENWAY PLAZA, SUITE 110, HOUSTON TX 77046

3b. Phone No. *(include area code)*: (713) 497-2492

10. Field and Pool, or Exploratory: WC-015 G-08 S233102C; WOLFCAMP

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: NWSE / 2237'FSL / 1962'FEL / LAT 32.36138729 / LONG -103.74641683

At proposed prod. zone: NWNE / 20'FNL / 1830'FEL / LAT 32.38419262 / LONG -103.74600044

11. Sec., T. R. M. or Blk. and Survey or Area: SEC 26/T22S/R31E/NMP

14. Distance in miles and direction from nearest town or post office*: 17 MILES

12. County or Parish: EDDY

13. State: NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 20 feet

16. No of acres in lease:

17. Spacing Unit dedicated to this well: 480.0

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 30 feet

19. Proposed Depth:

20. BLM/BIA Bond No. in file: FED : NMB001508

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 3515 feet

22. Approximate date work will start*: 09/25/2025

23. Estimated duration: 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

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

25. Signature: Leslie T. Reeves

Name *(Printed/Typed)*: LESLIE REEVES

Date: 09/23/2025

Title: REGULATORY MANAGER

Approved by *(Signature)*:

Name *(Printed/Typed)*:

Date: 9/25/2025

Title: Sup. PE

Office: CFO

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

Conditions of approval, if any, are attached.

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

(Continued on page 2)

*(Instructions on page 2)

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws 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, either are shown below or will be issued by, or may be obtained from local Federal offices. As of May 13, 2017, and pursuant to 43 CFR § 3171.5, operators must file this form and associated documents using the Bureau of Land Management's electronic commerce application, the Automated Fluid Minerals Support System (AFMSS). *https://afmss.blm.gov/afmss-gateway-ui/*

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the wen, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been direction any drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICES

The Privacy Act of 1974 and 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., 25 U.S.C. 396; 43 CFR 3160
PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service wen or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.
ROUTINE USE: Information from the record and/or the record win be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.
EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM conects this information to anow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. 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 of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Conection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 509544
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	9/26/2025
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	9/26/2025