Received by OCD: 5/4/2026 7:30:20 AM

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

Sundry Print Report

04/22/2026

Well Name: KINGS LANDING 25/24 FED COM

Well Location: T18S / R32E / SEC 24 / NWNW / 32.7393582 / -103.7269463

County or Parish/State: LEA / NM

Well Number: 511H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM93432

Unit or CA Name:

Unit or CA Number:

US Well Number:

Operator: PBEX OPERATIONS LLC

Notice of Intent

Sundry ID: 2905862

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 04/13/2026

Time Sundry Submitted: 11:42

Date proposed operation will begin: 04/24/2026

Procedure Description: PBEX Operations, LLC requests to move the SHL, KOP, and BHL of the Kings Landing 25-24 Fed Com 511H well to the following: Original: SHL 309 FNL, 451 FWL KOP 473' FSL, 660' FWL FTP 100' FNL, 660' FWL LTP 100' FSL, 660' FWL BHL 100' FSL, 660 FWL New: SHL 298' FNL, 552' FWL KOP 50' FNL, 660' FWL FTP 100' FNL, 660'' FWL LTP 100' FSL, 660' FWL BHL 50' FSL, 660' FWL SHL move remains within approved surface disturbance! There are csg/cmt changes shown in attachment.

NOI Attachments

Procedure Description

Kings_Landing_24_25_Fe_Com_51H_Drill_Plan_Changes_20260413113911.pdf

Prelim_1_WM__02__Kings_Landing_24_25_FED_COM_511H_20260413113907.pdf

Prelim_1__02__Kings_Landing_24_25_FED_COM_511H_20260413113901.pdf

KINGS_LANDING_24_25_FED_COM_511H_C102_FINAL_4_12_2026_20260413113852.pdf

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Released to Imaging: 5/13/2026 1:35:35 PM

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County or Parish/State: LEA / NM

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Lease Number: NMNM93432

Unit or CA Name:

Unit or CA Number:

US Well Number:

Operator: PBEX OPERATIONS LLC

Conditions of Approval

Additional

Kings_Landing_25_24_Fed_Com_511H_Dr_COA_20260421153804.pdf

24_18_32_D_Sundry_ID_2905862_Kings_Landing_25_24_Fed_Com_511H__20260421153804.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: MIKAH THOMAS

Signed on: APR 13, 2026 11:41 AM

Name: PBEX OPERATIONS LLC

Title: Regulatory Manager

Street Address: 223 WEST WALL STREET STE 900

City: MIDLAND **State:** TX

Phone: (432) 661-7106

Email address: MIKAH@PBEX.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: 04/21/2026

Signature: Chris Walls

Released to Imaging: 5/13/2026 1:35:35 PM

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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

Additional Remarks

FTP 100' FNL, 660'' FWL

LTP 100' FSL, 660' FWL

BHL 50' FSL, 660' FWL

SHL move remains within approved surface disturbance!

There are csg/cmt changes shown in attachment.

Location of Well

0. SHL: NWNW / 309 FNL / 451 FWL / TWSP: 18S / RANGE: 32E / SECTION: 24 / LAT: 32.7393582 / LONG: -103.7269463 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 100 FNL / 660 FWL / TWSP: 18S / RANGE: 32E / SECTION: 24 / LAT: 32.7399323 / LONG: -103.7262663 (TVD: 9425 feet, MD: 9810 feet)

PPP: SWNW / 2650 FSL / 663 FWL / TWSP: 18S / RANGE: 32E / SECTION: 24 / LAT: 32.7329419 / LONG: -103.7262558 (TVD: 9474 feet, MD: 12354 feet)

PPP: NWSW / 1325 FSL / 669 FWL / TWSP: 18S / RANGE: 32E / SECTION: 24 / LAT: 32.7293004 / LONG: -103.7262504 (TVD: 9499 feet, MD: 13679 feet)

PPP: SWSW / 0 FNL / 675 FWL / TWSP: 18S / RANGE: 32E / SECTION: 25 / LAT: 32.7256589 / LONG: -103.726245 (TVD: 9525 feet, MD: 15004 feet)

BHL: SWSW / 100 FSL / 660 FWL / TWSP: 18S / RANGE: 32E / SECTION: 25 / LAT: 32.7114342 / LONG: -103.7262238 (TVD: 9624 feet, MD: 20181 feet)

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PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**PBEX Operations LLC**
LOCATION:	Section 24, T.18 S., R.32 E., NMPM
COUNTY:	Lea County, New Mexico

WELL NAME & NO.:	**Kings Landing 25/24 Fed Com 511H**
ATS/API ID:	**ATS-24-1093**
APD ID:	**10400097220**
Sundry ID:	**2905862**

COA

H2S	Yes		
Potash	None	None	
Cave/Karst Potential	Low		
Cave/Karst Potential	☐ Critical		
Variance	☐ None	☐ Flex Hose	☐ Other
Wellhead	Conventional and Multibowl		
Other	☐ 4 String ☐ 5 String	Capitan Reef: None	☐ WIPP
Other	Pilot Hole: None	☐ Open Annulus	
Cementing	Contingency Squeeze: None	Echo-Meter: None	Primary Cement Squeeze: None
Special Requirements	☐ Water Disposal/Injection	☑ COM	☐ Unit
Special Requirements	☐ Batch Sundry	Waste Prevention: None	
Special Requirements Variance	☐ BOPE Break Testing ☐ Offline BOPE Testing	☐ Offline Cementing	☐ Casing Clearance

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated 500 feet prior to drilling into the **Delaware** formation. As a result, the Hydrogen Sulfide area must meet **43 CFR part 3170 Subpart 3176** requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING

1. The **13-3/8** inch surface casing shall be set at approximately **1375 feet** (a minimum of 70 feet into the Rustler Anhydrite and above the salt when present, and below usable fresh water) and cemented to the surface. The surface hole shall be **17 1/2** inch in diameter.

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

    Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:

    - Cement to surface. If cement does not circulate see B.1.a, c-d above.

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

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

C. PRESSURE CONTROL

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'

2.

Option 1:

a. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **3000 (3M)** psi.

b. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the **9-5/8** inch intermediate casing shoe shall be **5000 (5M)** psi.

Option 2:

Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the **13-3/8** inch surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.

a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
c. Manufacturer representative shall install the test plug for the initial BOP test.
d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
e. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.

D. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record),

or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.

- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in **43 CFR part 3170 Subpart 3171**
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

a. Spudding well (minimum of 24 hours)
b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
c. BOPE tests (minimum of 4 hours)

☑ Lea County
Email or Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240,
BLM_NM_CFO_DrillingNotifications@BLM.GOV
(575) 361-2822

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

   a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
   b. When the operator proposes to set surface casing with Spudder Rig
      - Notify the BLM when moving in and removing the Spudder Rig.
      - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
      - BOP/BOPE test to be conducted per **43 CFR part 3170 Subpart 3172** as soon as 2nd Rig is rigged up on well.

2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.

3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.

4. Acceptable Method of Cement Verifications:

    a. Observing cement circulated to surface.
    b. Cement bond log (CBL).
    c. Temperature log within 8-10 hours after completing the cement job.
    d. Echometer (if a second-stage bradenhead squeeze is being used).

5. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

6. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

7. 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. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

8. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

9. Whenever a casing string is cemented in the R-111 potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR part 3170 Subpart 3172** and **API STD 53 Sec. 5.3**.

2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.

4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:

    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
    e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

    a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-

off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).

b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)

c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR part 3170 Subpart 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

e. The results of the test shall be reported to the appropriate BLM office.

f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR part 3170 Subpart 3172**.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

Long Vo (LVO) 4/21/2026

Kings Landing 25-24 Fed Com 511H

13 3/8	surface csg in a	17 1/2	inch hole.		Design Factors			Surface				
Segment	#/ft	Grade	Coupling	Body	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	54.50	j 55	btc	11.39	1.84	1.11	1,375	5	1.91	3.62	74,938
"B"			btc				0				0
	w/8.4#/g mud, 30min Sfc Csg Test psig: 1,311		Tail Cmt	does not	circ to sfc.	Totals:	1,375				74,938

Comparison of Proposed to Minimum Required Cement Volumes

Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd	Min Dist
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE	Hole-Cplg
17 1/2	0.6946	1271	1818	955	90	8.60	1432	2M	1.56

Site plat (pipe racks S or E) as per O.O.1 III.D.4.i not found.

9 5/8	casing inside the	13 3/8			Design Factors			Int 1				
Segment	#/ft	Grade	Coupling	Body	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	40.00	j 55	btc	3.35	1.04	0.83	4,700	2	1.48	1.79	188,000
"B"							0				0
	w/8.4#/g mud, 30min Sfc Csg Test psig: 714					Totals:	4,700				188,000
	The cement volume(s) are intended to achieve a top of			0	ft from surface or a		1375				overlap.

Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd	Min Dist
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE	Hole-Cplg
12 1/4	0.3132	1226	3072	1540	99	10.10	2671	3M	0.81
D V Tool(s):							sum of sx	Σ CuFt	Σ%excess
by stage % :		#VALUE!	#VALUE!				1226	3072	99

Class 'H' tail cmt yld > 1.20

Burst Frac Gradient(s) for Segment(s): A, B, C, D = 0.84, b, c, d All > 0.70, OK.

Tail cmt

5 1/2	casing inside the	9 5/8			Design Factors			Prod 1				
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	20.00	p 110	freedom	3.41	2.34	2.82	19,810	3	5.00	4.16	396,200
"B"							0				0
"C"							0				0
"D"							0				0
	w/8.4#/g mud, 30min Sfc Csg Test psig: 2,070					Totals:	19,810				396,200
	The cement volume(s) are intended to achieve a top of			4500	ft from surface or a		200				overlap.

Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd	Min Dist
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE	Hole-Cplg
8 3/4	0.2526	6334	8475	3869	119	9.70			1.23

Class 'C' tail cmt yld > 1.35

#N/A

0		5 1/2			Design Factors			<Choose Casing>				
Segment	#/ft	Grade	Coupling	#N/A	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"			0.00				0				0
"B"			0.00				0				0
	w/8.4#/g mud, 30min Sfc Csg Test psig:					Totals:	0				0
	Cmt vol calc below includes this csg, TOC intended			#N/A	ft from surface or a		#N/A				overlap.

Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd	Min Dist
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE	Hole-Cplg
0		#N/A	#N/A	0	#N/A				

#N/A Capitan Reef est top XXXX.

Notice of Intent to Change Drill Plan

Kings Landing 25-24 Fed Com 513H

Original Design in Grey
New Design in Blue

Casing Design- ORIGINAL

String Type	Hole Size	Casing Size	Top MD	Btm MD	Top TVD	Btm TVD	Grade	Casing Weight (lbs/ft)	Joint Type	Condition (New/Used)	Standard (API/Non-API)	Tapered String	Collapse Design Safety Factor SF	Burst Design Safety Factor	Joint Tensile Design Safety Factor Type (Dry/Buoyant)	Body Tensile Design Safety Factor Type (Dry/Buoyant)	Joint Tensile Design Safety Factor	Body Tensile Design Safety Factor
Surface	17 1/2	13 3/8	0	1310	0	1310	J-55	54.5	ST&C	New		no	1.93	4.66	Dry	7.2	Dry	11.95
Intermediate 1	12 1/4	9 5/8	0	2900	0	2900	J-55	36	LT&C	New		no	1.32	2.29	Dry	4.34	Dry	5.4
Production	8 3/4	7	0	9127	0	8853	P-110	26	LT&C	New		no	1.4	2.23	Dry	2.92	Dry	3.5
Production	6 1/8	4 1/2	8927	20397	8653	9626	P-110	13.5	LT&C	New		no	1.94	2.25	Dry	2.18	Dry	2.73

Casing Design- NEW

String Type	Hole Size	Casing Size	Top MD	Btm MD	Top TVD	Btm TVD	Grade	Casing Weight (lbs/ft)	Joint Type	Condition (New/Used)	Standard (API/Non-API)	Tapered String	Collapse Design Safety Factor SF	Burst Design Safety Factor	Joint Tensile Design Safety Factor Type (Dry/Buoyant)	Body Tensile Design Safety Factor Type (Dry/Buoyant)	Joint Tensile Design Safety Factor	Body Tensile Design Safety Factor
Surface	17 1/2	13 3/8	0	1310	0	1310	J55	54.5	BTC	New	API	no	2.81	6.79	Dry	Dry	12.73	11.95
Intermediate	12 1/4	9 5/8	0	4700	0	4590	J55	40	BTC	New	API	no	3.47	5.34	Dry	Dry	3.79	3.35
Production	8 3/4	5 1/2	0	19810	0	9410	P110	20	Freedom	New	API	no	6.47	7.22	Dry	Dry	3.41	3.41

Alternate Grades and or higher weights could be subsituted to meet maximum stimulation pressures or due to coupling avaliability

Cement Details- ORIGINAL

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Sacks	Yield (cu.ft/sk)	Density (lbs/gal)	Volume (cu. Ft.)	Excess	Cement	Additives
Surface	Lead		0	1119	740	2.12	12.5	1570	100%	Class C	Salt, Gel, Extender,LCM
Surface	Tail		1119	1310	200	1.34	14.8	268	100%	Class C	Retarder
Intermediate	Lead		0	2205	400	2.12	12.5	850	25%	Class C	Salt, Gel, Extender,LCM
Intermediate	Tail		2205	2900	200	1.34	14.8	268	25%	Class C	Retarder
Produciton	Lead	6200	2700	5494	250	2.12	12.5	530	25%	Class C	Salt, Gel, Extender,LCM, Defoamer
Produciton	Tail		5494	6200	100	1.34	14.8	134	25%	Class C	Retarder, Fluid Loss,Defoamer
Produciton	Lead	6200	6200	7322	110	2.12	12.5	220	25%	Class C	GEL, SALT,EXTENDER LCM,DEFOAMER
Produciton	Tail		7322	9127	300	1.18	15.6	353	25%	Class H	RETARDER, FLUIDLOSS, DEFOAMER
Liner	Lead		8927	20397	730	1.85	13.5	1360	25%	Class C	Salt, Gel, Fluid Loss,Retarder, Dispersant,Defoamer, Anti-settlingAgent

Cement Details- NEW

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Sacks	Yield (cu.ft/sk)	Density (lbs/gal)	Volume (cu. Ft.)	Excess	Cement	Additives
Surface	Lead		0	1200	1157.729	1.44	12.8	1667.13	100%	C	Gel, Accleerator, LCM
	Tail		1200	1310	114.9024	1.33	14.8	152.8202	100%	C	Gel, Accleerator, LCM
Intermediate	Lead		0	3785	753.1692	3.32	10.5	2500.522	100%	C	Fluid Loss, Retarder, LCM, Possibly Beads
	Tail		3785	4700	473.664	1.21	13.2	573.1335	100%	C	Fluid Loss, Retarder, LCM
Production	Lead		4035	7820	380.7902	3.03	10.5	1153.794	20%	H	Fluid Loss, Retarder, LCM
	Tail		7820	19810	2954.751	1.23	13.2	3634.343	20%	H	Fluid Loss, Retarder, LCM

Mud Program- ORIGINAL

Name	Top	Bottom	Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)
Surface	0	1310	Spud Mud	8.4	8.6
Intermediate	1310	2900	Salt Saturated	10	10.2
Production	2900	9127	Salt Saturated	8.6	9.7
Production	9127	20397	Oil Based Mud	10	11

Mud Program- NEW

Name	Top	Bottom	Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)
Surface	0	1310	Water Based Mud	8.3	8.6
Intermediate	1310	4700	Brine Based Mud	9.8	10.1
Production	4700	19810	Oil Based Mud	9.3	9.7
Production					

Received by OCD: 5/4/2026 7:30:20 AM

Site: Kings Landing Pad
Well: (02) Kings Landing 24-25 FED COM 511H
Wellbore: 511H
Plan: Prelim 1

PROJECT DETAILS: Lea County, NM (N83 - NME)
Well Name: (02) Kings Landing 24-25 FED COM 511H
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid
KB Elevation: 30.5' RKB @ 3830.50usft
Elevation: 3800.00
To convert a Magnetic Direction to a Grid Direction, Add 5.970°

G
T M

Azimuths to Grid North
True North: -0.33°
Magnetic North: 5.97°

Magnetic Field
Strength: 47215.3nT
Dip Angle: 60.17°
Date: 3/26/2026
Model: IGRF2025

DIXON

WELL DETAILS: (02) Kings Landing 24-25 FED COM 511H

Northing	Easting	Latittude	Longitude
633278.15	727906.24	32.73945075	-103.72656008

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00
2	2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.000	0.00
3	2804.28	6.09	23.74	2803.71	14.78	6.50	2.00	23.742	-14.75
4	5044.49	6.09	23.74	5031.29	232.17	102.12	0.00	0.000	-231.72
5	5348.77	0.00	0.00	5335.00	246.95	108.62	2.00	180.000	-246.47
6	8850.81	0.00	0.00	8837.04	246.95	108.62	0.00	0.000	-246.47
7	9750.81	90.00	180.09	9410.00	-326.01	107.69	10.00	180.093	326.47
8	11792.23	90.00	180.09	9410.00	-2367.43	104.36	0.00	0.000	2367.86
9	11804.44	90.00	179.85	9410.00	-2379.63	104.37	2.00	-89.985	2380.06
10	13117.89	90.00	179.85	9410.00	-3693.08	107.82	0.00	0.000	3693.52
11	14443.55	90.00	179.85	9410.00	-5018.74	111.28	0.00	0.000	5019.18
12	14464.06	90.00	179.44	9410.00	-5039.25	111.41	2.00	-90.000	5039.69
13	17074.26	90.00	179.44	9410.00	-7649.32	136.96	0.00	0.000	7649.84
14	17084.35	90.00	179.64	9410.00	-7659.41	137.04	2.00	90.000	7659.94
15	19616.90	90.00	179.64	9410.00	-10191.91	152.91	0.00	0.000	10192.48
16	19666.90	90.00	179.64	9410.00	-10241.91	153.22	0.00	0.000	10242.48

DESIGN TARGET DETAILS

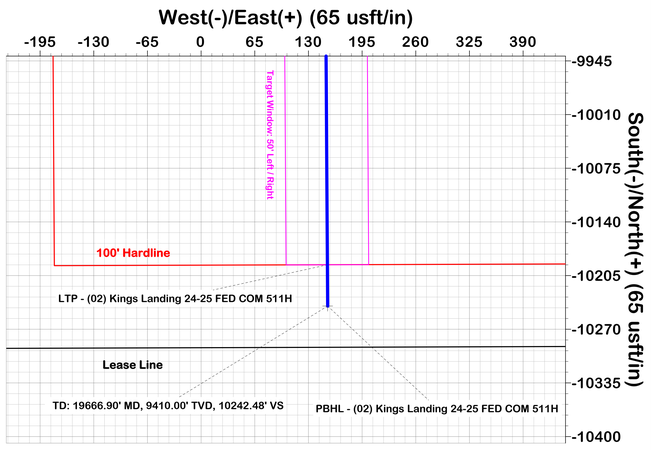
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LTP - (02) Kings Landing 24-25 FED COM 511H	9410.00	-10191.91	152.91	623086.24	728059.15	32.71143554	-103.72625267
PBHL - (02) Kings Landing 24-25 FED COM 511H	9410.00	-10241.91	153.22	623036.24	728059.46	32.71129811	-103.72625259
PP/FTP - (02) Kings Landing 24-25 FED COM 511H	9410.00	196.95	108.26	633475.10	728014.50	32.73999037	-103.72620434
PP2 - (02) Kings Landing 24-25 FED COM 511H	9410.00	-2367.43	104.36	630910.72	728010.60	32.73294216	-103.72626481
PP3 - (02) Kings Landing 24-25 FED COM 511H	9410.00	-3693.08	107.82	629585.07	728014.06	32.72929851	-103.72627825
PP4 - (02) Kings Landing 24-25 FED COM 511H	9410.00	-5018.74	111.28	628259.41	728017.52	32.72565484	-103.72629169
PP5 - (02) Kings Landing 24-25 FED COM 511H	9410.00	-7649.32	136.96	625628.83	728043.20	32.71842420	-103.72625718

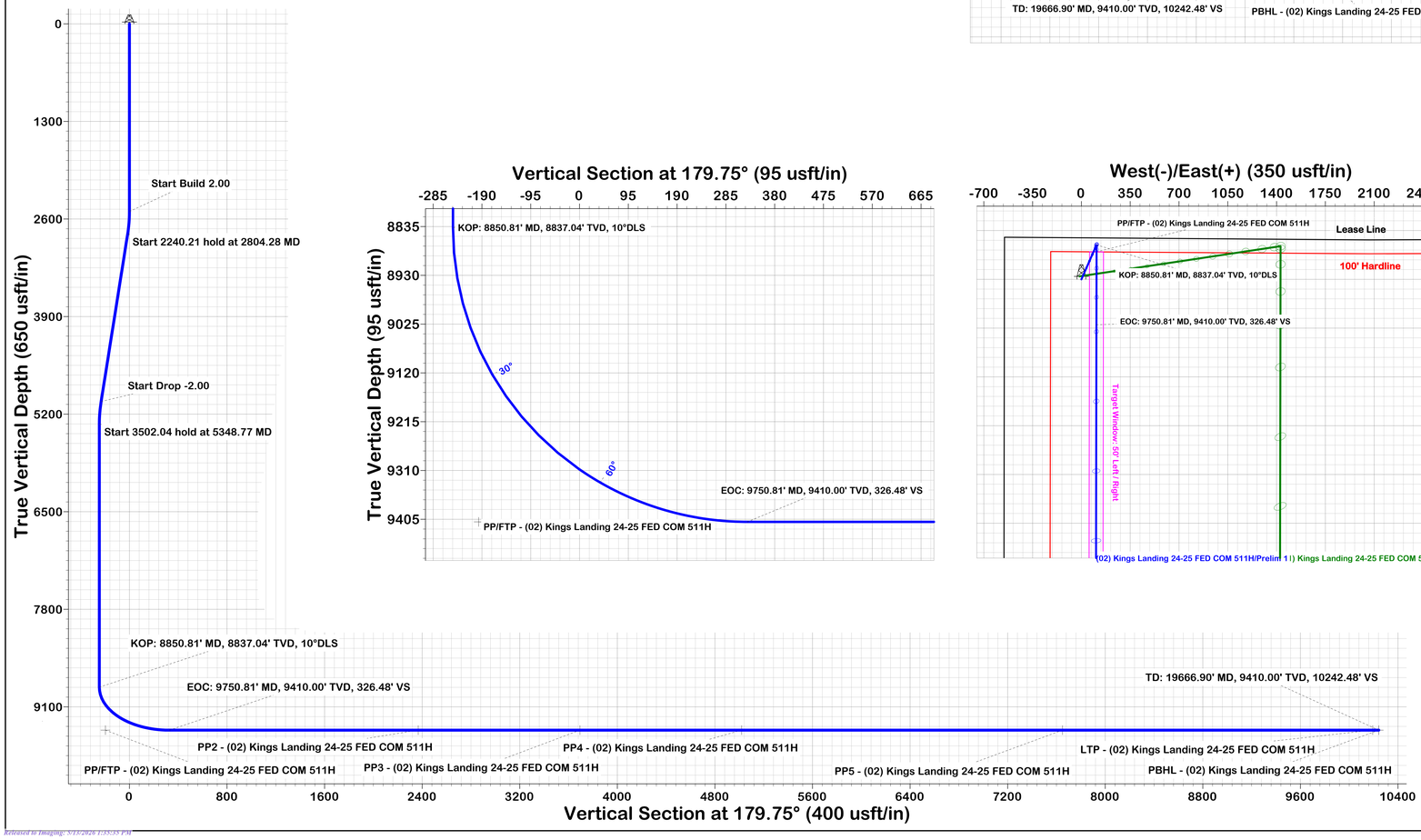
Well Color Legend

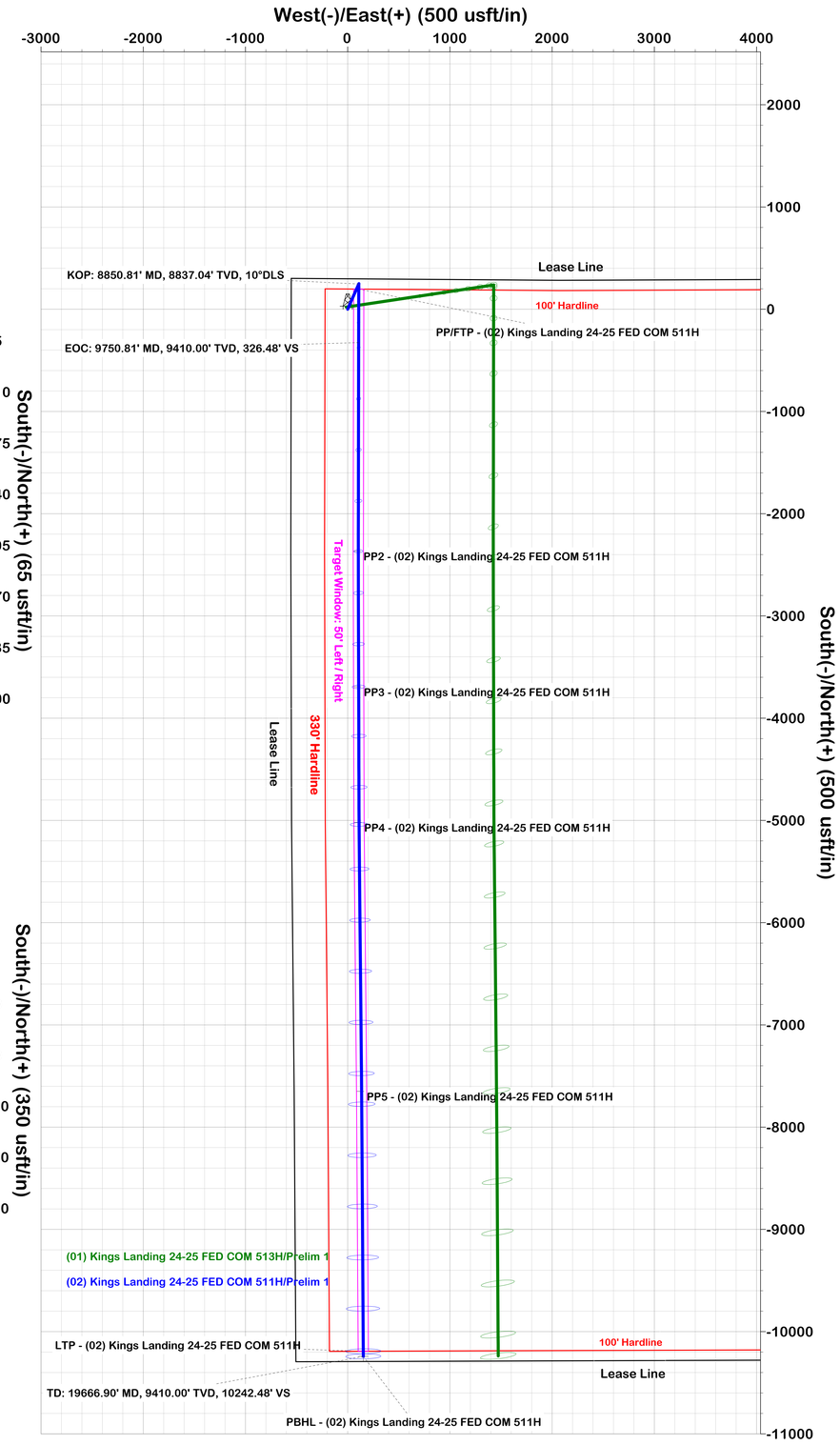
- Current Plan
- Pad Offset Plans
- Pad Dixon Surveys
- Offset AC Concern
- Offset NO AC Concern

FORMATION TOP DETAILS

No formation data is available







Prelim 1 (02) Kings Landing 24-25 FED COM 511H

Created By: Todd Broderick Date: 16:31, March 26 2026

Released to Imaging: 5/13/2026 1:33:35 PM

PBEX

Lea County, NM (N83 - NME)
Kings Landing Pad
(02) Kings Landing 24-25 FED COM 511H
30-025-54732
511H

Plan: Prelim 1

Standard Planning Report

26 March, 2026

Dixon Directional
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well (02) Kings Landing 24-25 FED COM 511H
Company:	PBEX	**TVD Reference:**	30.5' RKB @ 3830.50usft
Project:	Lea County, NM (N83 - NME)	**MD Reference:**	30.5' RKB @ 3830.50usft
Site:	Kings Landing Pad	**North Reference:**	Grid
Well:	(02) Kings Landing 24-25 FED COM 511H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	511H		
Design:	Prelim 1		

Project Lea County, NM (N83 - 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 Kings Landing Pad

Site Position:		**Northing:**	633,299.17 usft	**Latitude:**	32.73950873
From:	Map	**Easting:**	727,892.70 usft	**Longitude:**	-103.72660372
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "		

Well (02) Kings Landing 24-25 FED COM 511H

Well Position	**+N/-S**	0.00 usft	**Northing:**	633,278.15 usft	**Latitude:**	32.73945075
	+E/-W	0.00 usft	**Easting:**	727,906.24 usft	**Longitude:**	-103.72656008
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,800.00 usft
Grid Convergence:		0.328 °				

Wellbore 511H

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2025	3/26/2026	6.299	60.171	47,215.30736586

Design Prelim 1

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	179.75

Plan Survey Tool Program **Date** 3/26/2026

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	19,666.90	Prelim 1 (511H)	MWD OWSG MWD - Standard	

Dixon Directional
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well (02) Kings Landing 24-25 FED COM 511H
Company:	PBEX	**TVD Reference:**	30.5' RKB @ 3830.50usft
Project:	Lea County, NM (N83 - NME)	**MD Reference:**	30.5' RKB @ 3830.50usft
Site:	Kings Landing Pad	**North Reference:**	Grid
Well:	(02) Kings Landing 24-25 FED COM 511H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	511H		
Design:	Prelim 1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.000	
2,804.28	6.09	23.74	2,803.71	14.78	6.50	2.00	2.00	0.00	23.742	
5,044.49	6.09	23.74	5,031.29	232.17	102.12	0.00	0.00	0.00	0.000	
5,348.77	0.00	0.00	5,335.00	246.95	108.62	2.00	-2.00	0.00	180.000	
8,850.81	0.00	0.00	8,837.04	246.95	108.62	0.00	0.00	0.00	0.000	
9,750.81	90.00	180.09	9,410.00	-326.01	107.69	10.00	10.00	-19.99	180.093	
11,792.23	90.00	180.09	9,410.00	-2,367.43	104.36	0.00	0.00	0.00	0.000	PP2 - (02) Kings Lanc
11,804.44	90.00	179.85	9,410.00	-2,379.63	104.37	2.00	0.00	-2.00	-89.985	
13,117.89	90.00	179.85	9,410.00	-3,693.08	107.82	0.00	0.00	0.00	0.000	PP3 - (02) Kings Lanc
14,443.55	90.00	179.85	9,410.00	-5,018.74	111.28	0.00	0.00	0.00	0.000	PP4 - (02) Kings Lanc
14,464.07	90.00	179.44	9,410.00	-5,039.25	111.41	2.00	0.00	-2.00	-90.000	
17,074.26	90.00	179.44	9,410.00	-7,649.32	136.96	0.00	0.00	0.00	0.000	PP5 - (02) Kings Lanc
17,084.35	90.00	179.64	9,410.00	-7,659.41	137.04	2.00	0.00	2.00	90.000	
19,616.90	90.00	179.64	9,410.00	-10,191.91	152.91	0.00	0.00	0.00	0.000	LTP - (02) Kings Land
19,666.90	90.00	179.64	9,410.00	-10,241.91	153.22	0.00	0.00	0.00	0.000	PBHL - (02) Kings Lar

Dixon Directional

Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well (02) Kings Landing 24-25 FED COM 511H
Company:	PBEX	**TVD Reference:**	30.5' RKB @ 3830.50usft
Project:	Lea County, NM (N83 - NME)	**MD Reference:**	30.5' RKB @ 3830.50usft
Site:	Kings Landing Pad	**North Reference:**	Grid
Well:	(02) Kings Landing 24-25 FED COM 511H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	511H		
Design:	Prelim 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
2,600.00	2.00	23.74	2,599.98	1.60	0.70	-1.59	2.00	2.00	0.00
2,700.00	4.00	23.74	2,699.84	6.39	2.81	-6.38	2.00	2.00	0.00
2,804.28	6.09	23.74	2,803.71	14.78	6.50	-14.75	2.00	2.00	0.00
Start 2240.21 hold at 2804.28 MD									
2,900.00	6.09	23.74	2,898.89	24.07	10.59	-24.02	0.00	0.00	0.00
3,000.00	6.09	23.74	2,998.33	33.77	14.85	-33.71	0.00	0.00	0.00
3,100.00	6.09	23.74	3,097.76	43.48	19.12	-43.39	0.00	0.00	0.00
3,200.00	6.09	23.74	3,197.20	53.18	23.39	-53.08	0.00	0.00	0.00
3,300.00	6.09	23.74	3,296.63	62.88	27.66	-62.76	0.00	0.00	0.00
3,400.00	6.09	23.74	3,396.07	72.59	31.93	-72.45	0.00	0.00	0.00
3,500.00	6.09	23.74	3,495.51	82.29	36.20	-82.13	0.00	0.00	0.00
3,600.00	6.09	23.74	3,594.94	92.00	40.46	-91.82	0.00	0.00	0.00
3,700.00	6.09	23.74	3,694.38	101.70	44.73	-101.50	0.00	0.00	0.00
3,800.00	6.09	23.74	3,793.82	111.40	49.00	-111.19	0.00	0.00	0.00
3,900.00	6.09	23.74	3,893.25	121.11	53.27	-120.88	0.00	0.00	0.00
4,000.00	6.09	23.74	3,992.69	130.81	57.54	-130.56	0.00	0.00	0.00
4,100.00	6.09	23.74	4,092.13	140.52	61.81	-140.25	0.00	0.00	0.00
4,200.00	6.09	23.74	4,191.56	150.22	66.07	-149.93	0.00	0.00	0.00
4,300.00	6.09	23.74	4,291.00	159.93	70.34	-159.62	0.00	0.00	0.00
4,400.00	6.09	23.74	4,390.44	169.63	74.61	-169.30	0.00	0.00	0.00
4,500.00	6.09	23.74	4,489.87	179.33	78.88	-178.99	0.00	0.00	0.00
4,600.00	6.09	23.74	4,589.31	189.04	83.15	-188.67	0.00	0.00	0.00
4,700.00	6.09	23.74	4,688.75	198.74	87.42	-198.36	0.00	0.00	0.00
4,800.00	6.09	23.74	4,788.18	208.45	91.68	-208.04	0.00	0.00	0.00
4,900.00	6.09	23.74	4,887.62	218.15	95.95	-217.73	0.00	0.00	0.00
5,000.00	6.09	23.74	4,987.05	227.85	100.22	-227.42	0.00	0.00	0.00

Dixon Directional
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well (02) Kings Landing 24-25 FED COM 511H
Company:	PBEX	**TVD Reference:**	30.5' RKB @ 3830.50usft
Project:	Lea County, NM (N83 - NME)	**MD Reference:**	30.5' RKB @ 3830.50usft
Site:	Kings Landing Pad	**North Reference:**	Grid
Well:	(02) Kings Landing 24-25 FED COM 511H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	511H		
Design:	Prelim 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,044.49	6.09	23.74	5,031.29	232.17	102.12	-231.72	0.00	0.00	0.00
Start Drop -2.00									
5,100.00	4.98	23.74	5,086.54	237.07	104.27	-236.61	2.00	-2.00	0.00
5,200.00	2.98	23.74	5,186.30	243.41	107.07	-242.95	2.00	-2.00	0.00
5,300.00	0.98	23.74	5,286.23	246.57	108.45	-246.09	2.00	-2.00	0.00
5,348.77	0.00	0.00	5,335.00	246.95	108.62	-246.47	2.00	-2.00	0.00
Start 3502.04 hold at 5348.77 MD									
5,400.00	0.00	0.00	5,386.23	246.95	108.62	-246.47	0.00	0.00	0.00
5,500.00	0.00	0.00	5,486.23	246.95	108.62	-246.47	0.00	0.00	0.00
5,600.00	0.00	0.00	5,586.23	246.95	108.62	-246.47	0.00	0.00	0.00
5,700.00	0.00	0.00	5,686.23	246.95	108.62	-246.47	0.00	0.00	0.00
5,800.00	0.00	0.00	5,786.23	246.95	108.62	-246.47	0.00	0.00	0.00
5,900.00	0.00	0.00	5,886.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,000.00	0.00	0.00	5,986.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,100.00	0.00	0.00	6,086.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,200.00	0.00	0.00	6,186.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,300.00	0.00	0.00	6,286.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,400.00	0.00	0.00	6,386.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,500.00	0.00	0.00	6,486.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,600.00	0.00	0.00	6,586.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,700.00	0.00	0.00	6,686.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,800.00	0.00	0.00	6,786.23	246.95	108.62	-246.47	0.00	0.00	0.00
6,900.00	0.00	0.00	6,886.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,000.00	0.00	0.00	6,986.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,100.00	0.00	0.00	7,086.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,200.00	0.00	0.00	7,186.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,300.00	0.00	0.00	7,286.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,400.00	0.00	0.00	7,386.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,500.00	0.00	0.00	7,486.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,600.00	0.00	0.00	7,586.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,700.00	0.00	0.00	7,686.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,800.00	0.00	0.00	7,786.23	246.95	108.62	-246.47	0.00	0.00	0.00
7,900.00	0.00	0.00	7,886.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,000.00	0.00	0.00	7,986.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,100.00	0.00	0.00	8,086.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,200.00	0.00	0.00	8,186.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,300.00	0.00	0.00	8,286.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,400.00	0.00	0.00	8,386.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,500.00	0.00	0.00	8,486.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,600.00	0.00	0.00	8,586.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,700.00	0.00	0.00	8,686.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,800.00	0.00	0.00	8,786.23	246.95	108.62	-246.47	0.00	0.00	0.00
8,850.81	0.00	0.00	8,837.04	246.95	108.62	-246.47	0.00	0.00	0.00
KOP: 8850.81' MD, 8837.04' TVD, 10°DLS									
8,900.00	4.92	180.09	8,886.17	244.84	108.62	-244.36	10.00	10.00	0.00
8,950.00	9.92	180.09	8,935.74	238.39	108.61	-237.91	10.00	10.00	0.00
9,000.00	14.92	180.09	8,984.55	227.64	108.59	-227.16	10.00	10.00	0.00
9,050.00	19.92	180.09	9,032.24	212.67	108.56	-212.20	10.00	10.00	0.00
9,100.00	24.92	180.09	9,078.45	193.61	108.53	-193.13	10.00	10.00	0.00
9,150.00	29.92	180.09	9,122.82	170.59	108.50	-170.12	10.00	10.00	0.00
9,200.00	34.92	180.09	9,165.01	143.79	108.45	-143.32	10.00	10.00	0.00
9,250.00	39.92	180.09	9,204.71	113.42	108.40	-112.95	10.00	10.00	0.00

Dixon Directional
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well (02) Kings Landing 24-25 FED COM 511H
Company:	PBEX	**TVD Reference:**	30.5' RKB @ 3830.50usft
Project:	Lea County, NM (N83 - NME)	**MD Reference:**	30.5' RKB @ 3830.50usft
Site:	Kings Landing Pad	**North Reference:**	Grid
Well:	(02) Kings Landing 24-25 FED COM 511H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	511H		
Design:	Prelim 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,300.00	44.92	180.09	9,241.61	79.71	108.35	-79.23	10.00	10.00	0.00
9,350.00	49.92	180.09	9,275.43	42.90	108.29	-42.43	10.00	10.00	0.00
9,400.00	54.92	180.09	9,305.92	3.29	108.22	-2.82	10.00	10.00	0.00
9,450.00	59.92	180.09	9,332.83	-38.83	108.15	39.30	10.00	10.00	0.00
9,500.00	64.92	180.09	9,355.97	-83.13	108.08	83.60	10.00	10.00	0.00
9,550.00	69.92	180.09	9,375.17	-129.28	108.01	129.76	10.00	10.00	0.00
9,600.00	74.92	180.09	9,390.27	-176.93	107.93	177.40	10.00	10.00	0.00
9,650.00	79.92	180.09	9,401.15	-225.72	107.85	226.19	10.00	10.00	0.00
9,700.00	84.92	180.09	9,407.75	-275.27	107.77	275.73	10.00	10.00	0.00
9,750.81	90.00	180.09	9,410.00	-326.01	107.69	326.47	10.00	10.00	0.00
EOC: 9750.81' MD, 9410.00' TVD, 326.48' VS									
9,800.00	90.00	180.09	9,410.00	-375.20	107.61	375.66	0.00	0.00	0.00
9,900.00	90.00	180.09	9,410.00	-475.20	107.44	475.66	0.00	0.00	0.00
10,000.00	90.00	180.09	9,410.00	-575.20	107.28	575.66	0.00	0.00	0.00
10,100.00	90.00	180.09	9,410.00	-675.20	107.12	675.66	0.00	0.00	0.00
10,200.00	90.00	180.09	9,410.00	-775.20	106.95	775.66	0.00	0.00	0.00
10,300.00	90.00	180.09	9,410.00	-875.20	106.79	875.66	0.00	0.00	0.00
10,400.00	90.00	180.09	9,410.00	-975.20	106.63	975.65	0.00	0.00	0.00
10,500.00	90.00	180.09	9,410.00	-1,075.20	106.47	1,075.65	0.00	0.00	0.00
10,600.00	90.00	180.09	9,410.00	-1,175.20	106.30	1,175.65	0.00	0.00	0.00
10,700.00	90.00	180.09	9,410.00	-1,275.20	106.14	1,275.65	0.00	0.00	0.00
10,800.00	90.00	180.09	9,410.00	-1,375.20	105.98	1,375.65	0.00	0.00	0.00
10,900.00	90.00	180.09	9,410.00	-1,475.20	105.81	1,475.65	0.00	0.00	0.00
11,000.00	90.00	180.09	9,410.00	-1,575.20	105.65	1,575.64	0.00	0.00	0.00
11,100.00	90.00	180.09	9,410.00	-1,675.20	105.49	1,675.64	0.00	0.00	0.00
11,200.00	90.00	180.09	9,410.00	-1,775.20	105.33	1,775.64	0.00	0.00	0.00
11,300.00	90.00	180.09	9,410.00	-1,875.20	105.16	1,875.64	0.00	0.00	0.00
11,400.00	90.00	180.09	9,410.00	-1,975.20	105.00	1,975.64	0.00	0.00	0.00
11,500.00	90.00	180.09	9,410.00	-2,075.20	104.84	2,075.63	0.00	0.00	0.00
11,600.00	90.00	180.09	9,410.00	-2,175.20	104.67	2,175.63	0.00	0.00	0.00
11,700.00	90.00	180.09	9,410.00	-2,275.20	104.51	2,275.63	0.00	0.00	0.00
11,792.23	90.00	180.09	9,410.00	-2,367.43	104.36	2,367.86	0.00	0.00	0.00
11,804.44	90.00	179.85	9,410.00	-2,379.63	104.37	2,380.06	2.00	0.00	-2.00
11,900.00	90.00	179.85	9,410.00	-2,475.20	104.62	2,475.63	0.00	0.00	0.00
12,000.00	90.00	179.85	9,410.00	-2,575.20	104.88	2,575.63	0.00	0.00	0.00
12,100.00	90.00	179.85	9,410.00	-2,675.20	105.14	2,675.63	0.00	0.00	0.00
12,200.00	90.00	179.85	9,410.00	-2,775.19	105.41	2,775.63	0.00	0.00	0.00
12,300.00	90.00	179.85	9,410.00	-2,875.19	105.67	2,875.63	0.00	0.00	0.00
12,400.00	90.00	179.85	9,410.00	-2,975.19	105.93	2,975.63	0.00	0.00	0.00
12,500.00	90.00	179.85	9,410.00	-3,075.19	106.20	3,075.63	0.00	0.00	0.00
12,600.00	90.00	179.85	9,410.00	-3,175.19	106.46	3,175.63	0.00	0.00	0.00
12,700.00	90.00	179.85	9,410.00	-3,275.19	106.72	3,275.63	0.00	0.00	0.00
12,800.00	90.00	179.85	9,410.00	-3,375.19	106.98	3,375.63	0.00	0.00	0.00
12,900.00	90.00	179.85	9,410.00	-3,475.19	107.25	3,475.63	0.00	0.00	0.00
13,000.00	90.00	179.85	9,410.00	-3,575.19	107.51	3,575.63	0.00	0.00	0.00
13,100.00	90.00	179.85	9,410.00	-3,675.19	107.77	3,675.63	0.00	0.00	0.00
13,117.89	90.00	179.85	9,410.00	-3,693.08	107.82	3,693.52	0.00	0.00	0.00
13,200.00	90.00	179.85	9,410.00	-3,775.19	108.04	3,775.63	0.00	0.00	0.00
13,300.00	90.00	179.85	9,410.00	-3,875.19	108.30	3,875.63	0.00	0.00	0.00
13,400.00	90.00	179.85	9,410.00	-3,975.19	108.56	3,975.63	0.00	0.00	0.00
13,500.00	90.00	179.85	9,410.00	-4,075.19	108.82	4,075.63	0.00	0.00	0.00
13,600.00	90.00	179.85	9,410.00	-4,175.19	109.09	4,175.63	0.00	0.00	0.00
13,700.00	90.00	179.85	9,410.00	-4,275.19	109.35	4,275.63	0.00	0.00	0.00

Dixon Directional
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well (02) Kings Landing 24-25 FED COM 511H
Company:	PBEX	**TVD Reference:**	30.5' RKB @ 3830.50usft
Project:	Lea County, NM (N83 - NME)	**MD Reference:**	30.5' RKB @ 3830.50usft
Site:	Kings Landing Pad	**North Reference:**	Grid
Well:	(02) Kings Landing 24-25 FED COM 511H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	511H		
Design:	Prelim 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,800.00	90.00	179.85	9,410.00	-4,375.19	109.61	4,375.63	0.00	0.00	0.00
13,900.00	90.00	179.85	9,410.00	-4,475.19	109.88	4,475.63	0.00	0.00	0.00
14,000.00	90.00	179.85	9,410.00	-4,575.19	110.14	4,575.63	0.00	0.00	0.00
14,100.00	90.00	179.85	9,410.00	-4,675.19	110.40	4,675.63	0.00	0.00	0.00
14,200.00	90.00	179.85	9,410.00	-4,775.19	110.67	4,775.63	0.00	0.00	0.00
14,300.00	90.00	179.85	9,410.00	-4,875.19	110.93	4,875.63	0.00	0.00	0.00
14,400.00	90.00	179.85	9,410.00	-4,975.19	111.19	4,975.63	0.00	0.00	0.00
14,443.55	90.00	179.85	9,410.00	-5,018.74	111.28	5,019.18	0.00	0.00	0.00
14,464.07	90.00	179.44	9,410.00	-5,039.25	111.41	5,039.69	2.00	0.00	-2.00
14,500.00	90.00	179.44	9,410.00	-5,075.19	111.76	5,075.62	0.00	0.00	0.00
14,600.00	90.00	179.44	9,410.00	-5,175.18	112.74	5,175.62	0.00	0.00	0.00
14,700.00	90.00	179.44	9,410.00	-5,275.18	113.72	5,275.62	0.00	0.00	0.00
14,800.00	90.00	179.44	9,410.00	-5,375.17	114.70	5,375.62	0.00	0.00	0.00
14,900.00	90.00	179.44	9,410.00	-5,475.17	115.67	5,475.62	0.00	0.00	0.00
15,000.00	90.00	179.44	9,410.00	-5,575.16	116.65	5,575.62	0.00	0.00	0.00
15,100.00	90.00	179.44	9,410.00	-5,675.16	117.63	5,675.62	0.00	0.00	0.00
15,200.00	90.00	179.44	9,410.00	-5,775.15	118.61	5,775.61	0.00	0.00	0.00
15,300.00	90.00	179.44	9,410.00	-5,875.15	119.59	5,875.61	0.00	0.00	0.00
15,400.00	90.00	179.44	9,410.00	-5,975.14	120.57	5,975.61	0.00	0.00	0.00
15,500.00	90.00	179.44	9,410.00	-6,075.14	121.55	6,075.61	0.00	0.00	0.00
15,600.00	90.00	179.44	9,410.00	-6,175.13	122.53	6,175.61	0.00	0.00	0.00
15,700.00	90.00	179.44	9,410.00	-6,275.13	123.51	6,275.61	0.00	0.00	0.00
15,800.00	90.00	179.44	9,410.00	-6,375.12	124.49	6,375.61	0.00	0.00	0.00
15,900.00	90.00	179.44	9,410.00	-6,475.12	125.46	6,475.60	0.00	0.00	0.00
16,000.00	90.00	179.44	9,410.00	-6,575.11	126.44	6,575.60	0.00	0.00	0.00
16,100.00	90.00	179.44	9,410.00	-6,675.11	127.42	6,675.60	0.00	0.00	0.00
16,200.00	90.00	179.44	9,410.00	-6,775.10	128.40	6,775.60	0.00	0.00	0.00
16,300.00	90.00	179.44	9,410.00	-6,875.10	129.38	6,875.60	0.00	0.00	0.00
16,400.00	90.00	179.44	9,410.00	-6,975.09	130.36	6,975.60	0.00	0.00	0.00
16,500.00	90.00	179.44	9,410.00	-7,075.09	131.34	7,075.60	0.00	0.00	0.00
16,600.00	90.00	179.44	9,410.00	-7,175.08	132.32	7,175.59	0.00	0.00	0.00
16,700.00	90.00	179.44	9,410.00	-7,275.08	133.30	7,275.59	0.00	0.00	0.00
16,800.00	90.00	179.44	9,410.00	-7,375.07	134.28	7,375.59	0.00	0.00	0.00
16,900.00	90.00	179.44	9,410.00	-7,475.07	135.25	7,475.59	0.00	0.00	0.00
17,000.00	90.00	179.44	9,410.00	-7,575.07	136.23	7,575.59	0.00	0.00	0.00
17,074.26	90.00	179.44	9,410.00	-7,649.32	136.96	7,649.84	0.00	0.00	0.00
17,084.35	90.00	179.64	9,410.00	-7,659.41	137.04	7,659.94	2.00	0.00	2.00
17,100.00	90.00	179.64	9,410.00	-7,675.06	137.14	7,675.59	0.00	0.00	0.00
17,200.00	90.00	179.64	9,410.00	-7,775.06	137.77	7,775.59	0.00	0.00	0.00
17,300.00	90.00	179.64	9,410.00	-7,875.06	138.39	7,875.59	0.00	0.00	0.00
17,400.00	90.00	179.64	9,410.00	-7,975.06	139.02	7,975.59	0.00	0.00	0.00
17,500.00	90.00	179.64	9,410.00	-8,075.05	139.65	8,075.59	0.00	0.00	0.00
17,600.00	90.00	179.64	9,410.00	-8,175.05	140.27	8,175.59	0.00	0.00	0.00
17,700.00	90.00	179.64	9,410.00	-8,275.05	140.90	8,275.59	0.00	0.00	0.00
17,800.00	90.00	179.64	9,410.00	-8,375.05	141.53	8,375.59	0.00	0.00	0.00
17,900.00	90.00	179.64	9,410.00	-8,475.05	142.15	8,475.59	0.00	0.00	0.00
18,000.00	90.00	179.64	9,410.00	-8,575.04	142.78	8,575.58	0.00	0.00	0.00
18,100.00	90.00	179.64	9,410.00	-8,675.04	143.41	8,675.58	0.00	0.00	0.00
18,200.00	90.00	179.64	9,410.00	-8,775.04	144.03	8,775.58	0.00	0.00	0.00
18,300.00	90.00	179.64	9,410.00	-8,875.04	144.66	8,875.58	0.00	0.00	0.00
18,400.00	90.00	179.64	9,410.00	-8,975.04	145.28	8,975.58	0.00	0.00	0.00
18,500.00	90.00	179.64	9,410.00	-9,075.03	145.91	9,075.58	0.00	0.00	0.00
18,600.00	90.00	179.64	9,410.00	-9,175.03	146.54	9,175.58	0.00	0.00	0.00

Dixon Directional
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well (02) Kings Landing 24-25 FED COM 511H
Company:	PBEX	**TVD Reference:**	30.5' RKB @ 3830.50usft
Project:	Lea County, NM (N83 - NME)	**MD Reference:**	30.5' RKB @ 3830.50usft
Site:	Kings Landing Pad	**North Reference:**	Grid
Well:	(02) Kings Landing 24-25 FED COM 511H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	511H		
Design:	Prelim 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,700.00	90.00	179.64	9,410.00	-9,275.03	147.16	9,275.58	0.00	0.00	0.00
18,800.00	90.00	179.64	9,410.00	-9,375.03	147.79	9,375.58	0.00	0.00	0.00
18,900.00	90.00	179.64	9,410.00	-9,475.03	148.42	9,475.58	0.00	0.00	0.00
19,000.00	90.00	179.64	9,410.00	-9,575.02	149.04	9,575.58	0.00	0.00	0.00
19,100.00	90.00	179.64	9,410.00	-9,675.02	149.67	9,675.58	0.00	0.00	0.00
19,200.00	90.00	179.64	9,410.00	-9,775.02	150.30	9,775.58	0.00	0.00	0.00
19,300.00	90.00	179.64	9,410.00	-9,875.02	150.92	9,875.58	0.00	0.00	0.00
19,400.00	90.00	179.64	9,410.00	-9,975.02	151.55	9,975.58	0.00	0.00	0.00
19,500.00	90.00	179.64	9,410.00	-10,075.01	152.18	10,075.58	0.00	0.00	0.00
19,600.00	90.00	179.64	9,410.00	-10,175.01	152.80	10,175.58	0.00	0.00	0.00
19,616.90	90.00	179.64	9,410.00	-10,191.91	152.91	10,192.48	0.00	0.00	0.00
19,666.90	90.00	179.64	9,410.00	-10,241.91	153.22	10,242.48	0.00	0.00	0.00
TD: 19666.90' MD, 9410.00' TVD, 10242.48' VS									

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
PP2 - (02) Kings Landin - plan hits target center - Point	0.00	0.00	9,410.00	-2,367.43	104.36	630,910.72	728,010.60	32.73294216	-103.72626481
PP/FTP - (02) Kings Lan - plan misses target center by 202.78usft at 9327.62usft MD (9260.69 TVD, 59.74 N, 108.31 E) - Point	0.00	0.01	9,410.00	196.95	108.26	633,475.10	728,014.50	32.73999036	-103.72620434
LTP - (02) Kings Landing - plan hits target center - Point	0.00	0.00	9,410.00	-10,191.91	152.91	623,086.24	728,059.15	32.71143554	-103.72625267
PP5 - (02) Kings Landin - plan hits target center - Point	0.00	0.00	9,410.00	-7,649.32	136.96	625,628.83	728,043.20	32.71842419	-103.72625719
PBHL - (02) Kings Landi - plan hits target center - Point	0.00	0.00	9,410.00	-10,241.91	153.22	623,036.24	728,059.46	32.71129811	-103.72625259
PP3 - (02) Kings Landin - plan hits target center - Point	0.00	0.01	9,410.00	-3,693.08	107.82	629,585.07	728,014.06	32.72929851	-103.72627825
PP4 - (02) Kings Landin - plan hits target center - Point	0.00	0.00	9,410.00	-5,018.74	111.28	628,259.41	728,017.52	32.72565484	-103.72629169

Released to Imaging: 5/13/2026 1:35:35 PM

Dixon Directional
Planning Report

Database:	EDM	**Local Co-ordinate Reference:**	Well (02) Kings Landing 24-25 FED COM 511H
Company:	PBEX	**TVD Reference:**	30.5' RKB @ 3830.50usft
Project:	Lea County, NM (N83 - NME)	**MD Reference:**	30.5' RKB @ 3830.50usft
Site:	Kings Landing Pad	**North Reference:**	Grid
Well:	(02) Kings Landing 24-25 FED COM 511H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	511H		
Design:	Prelim 1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2,500.00	2,500.00	0.00	0.00	Start Build 2.00
2,804.28	2,803.71	14.78	6.50	Start 2240.21 hold at 2804.28 MD
5,044.49	5,031.29	232.17	102.12	Start Drop -2.00
5,348.77	5,335.00	246.95	108.62	Start 3502.04 hold at 5348.77 MD
8,850.81	8,837.04	246.95	108.62	KOP: 8850.81' MD, 8837.04' TVD, 10°DLS
9,750.81	9,410.00	-326.01	107.69	EOC: 9750.81' MD, 9410.00' TVD, 326.48' VS
19,666.90	9,410.00	-10,241.91	153.22	TD: 19666.90' MD, 9410.00' TVD, 10242.48' VS

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☑ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
30-025-54732	50510	QUERECHO PLAINS; LOWER BONE SPRING	
Property Code	Property Name		Well Number
338917	**KINGS LANDING 24-25 FED COM**		**511H**
OGRID No.	Operator Name		Ground Level Elevation
332544	**PBEX OPERATIONS, LLC**		**3,800'**
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	Longitude	County
D	**24**	**18S**	**32E**		**298' FNL**	**552' FWL**	**32.739451°**	**-103.726560°**	**LEA**

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	**25**	**18S**	**32E**		**50' FSL**	**660' FWL**	**32.711298°**	**-103.726253°**	**LEA**

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
640	Infill	30-025-54733	Y	F
Order Numbers. R-23233			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	Longitude	County
D	**24**	**18S**	**32E**		**50' FNL**	**660' FWL**	**32.740128°**	**-103.726203°**	**LEA**

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	**24**	**18S**	**32E**		**100' FNL**	**660' FWL**	**32.739990°**	**-103.726204°**	**LEA**

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	**25**	**18S**	**32E**		**100' FSL**	**660' FWL**	**32.711436°**	**-103.726253°**	**LEA**

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☑ Horizontal ☐ Vertical	Ground Floor Elevation:
comm pending		3,800'

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.

Signature 4/13/26 Date

Mikah Thomas

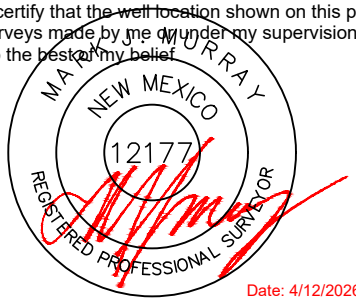
Printed Name

mikah@pbex.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.



Date: 4/12/2026

Signature and Seal of Professional Surveyor

Certificate Number	Date of Survey	Revision Number
12177	4/12/2026	1

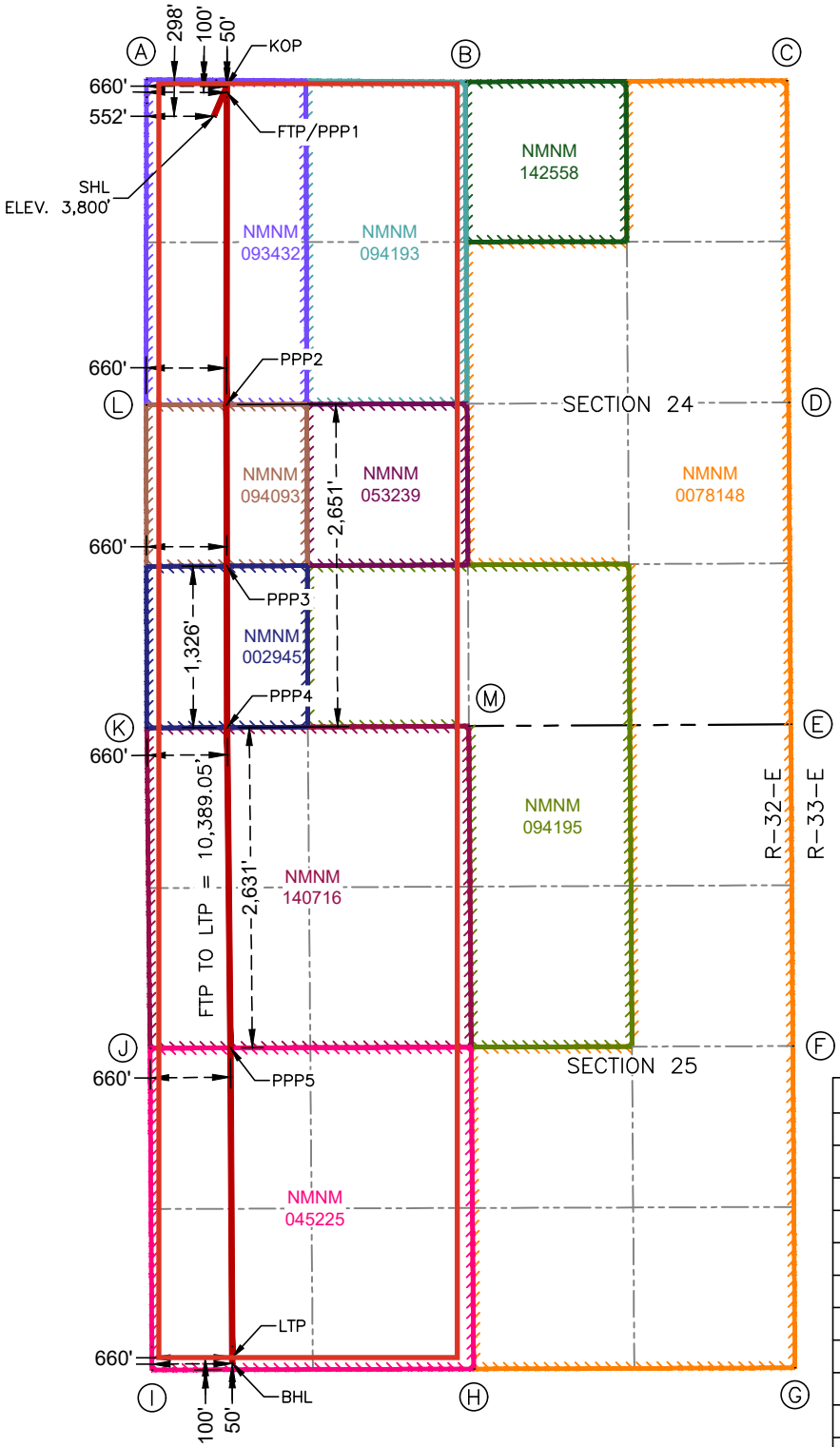
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

KINGS LANDING 24-25 FED COM 511H



SURFACE HOLE LOCATION
298' FNL & 552' FWL
ELEV. = 3,800'

NAD 83 X = 727,906.24'
NAD 83 Y = 633,278.15'
NAD 83 LAT = 32.739451°
NAD 83 LONG = -103.726560°

KICK-OFF POINT
50' FNL & 660' FWL

NAD 83 X = 728,014.57'
NAD 83 Y = 633,525.11'
NAD 83 LAT = 32.740128°
NAD 83 LONG = -103.726203°

FIRST TAKE POINT &
PENETRATION POINT 1
100' FNL & 660' FWL

NAD 83 X = 728,014.50'
NAD 83 Y = 633,475.10'
NAD 83 LAT = 32.739990°
NAD 83 LONG = -103.726204°

PENETRATION POINT 2
2,651' FSL & 660' FWL

NAD 83 X = 728,010.60'
NAD 83 Y = 630,910.72'
NAD 83 LAT = 32.732942°
NAD 83 LONG = -103.726265°

PENETRATION POINT 3
1,326' FSL & 660' FWL

NAD 83 X = 728,014.06'
NAD 83 Y = 629,585.07'
NAD 83 LAT = 32.729299°
NAD 83 LONG = -103.726278°

PENETRATION POINT 4
0' FSL & 660' FWL

NAD 83 X = 728,017.52'
NAD 83 Y = 628,259.41'
NAD 83 LAT = 32.725655°
NAD 83 LONG = -103.726292°

PENETRATION POINT 5
2,631' FNL & 660' FWL

NAD 83 X = 728,043.20'
NAD 83 Y = 625,628.83'
NAD 83 LAT = 32.718424°
NAD 83 LONG = -103.726257°

LAST TAKE POINT
100' FSL & 660' FWL

NAD 83 X = 728,059.15'
NAD 83 Y = 623,086.24'
NAD 83 LAT = 32.711436°
NAD 83 LONG = -103.726253°

BOTTOM HOLE LOCATION
50' FSL & 660' FWL

NAD 83 X = 728,059.46'
NAD 83 Y = 623,036.24'
NAD 83 LAT = 32.711298°
NAD 83 LONG = -103.726253°

CORNER COORDINATES NEW MEXICO EAST - NAD 83	
A	N:633,579.81' E:727,354.66'
B	N:633,561.15' E:729,972.58'
C	N:633,571.39' E:732,610.74'
D	N:630,928.76' E:732,627.68'
E	N:628,286.58' E:732,645.20'
F	N:625,643.80' E:732,661.88'
G	N:623,001.57' E:732,679.31'
H	N:622,992.53' E:730,040.82'
I	N:622,984.14' E:727,399.78'
J	N:625,626.70' E:727,383.20'
K	N:628,255.53' E:727,357.53'
L	N:630,908.15' E:727,350.61'
M	N:628,271.06' E:730,001.36'

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

Action 579111

CONDITIONS

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 579111
	Action Type: [C-103A] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	5/7/2026
matthew.gomez	If cement does not circulate to surface on any string, a Cement Bond Log (CBL) is required for that string of casing. If strata isolation is not achieved, remediation will be required before further operations may commence.	5/7/2026
matthew.gomez	All conducted logs must be submitted to the OCD.	5/7/2026
matthew.gomez	Cement must be in place for at least eight hours AND achieve a minimum compressive strength of 500 PSI before performing any further operations on the well.	5/7/2026
matthew.gomez	Administrative order required for non-standard spacing unit prior to production.	5/7/2026
matthew.gomez	All decreases of casing grade or weight must be approved by the OCD prior to utilization.	5/7/2026
matthew.gomez	All previous COA's still apply.	5/7/2026