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

Sundry Print Report
08/26/2023

Well Name: QUERECHO PLAINS	**Well Location:** T18S / R32E / SEC 22 / SESW /	**County or Parish/State:** LEA / NM
Well Number: 03	**Type of Well:** OIL WELL	**Allottee or Tribe Name:**
Lease Number: NMNM94190	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 300253672400S1	**Well Status:** Producing Oil Well	**Operator:** CHEVRON USA INCORPORATED

Accepted for record –NMOCD gc9/13/2023

LONG VO Digitally signed by LONG VO Date: 2023.08.26 13:57:40 -05'00'

Notice of Intent

Sundry ID: 2745820

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/11/2023

Time Sundry Submitted: 01:24

Date proposed operation will begin: 08/21/2023

Procedure Description: Please see attached current wellbore diagram and proposed wellbore diagram with plugging plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Approval Subject to
General Requirements and
Special Stipulations
Attached

NOI Attachments

Procedure Description

Proposed_WBD_20230811132349.pdf

Current_WBD_20230811132338.pdf

Well Name: QUEEN HORSE PLAINS	**Well Location:** T18S / R32E / SEC 22 / SESW /	**County or Parish/State:** LEA / NM
Well Number: 03	**Type of Well:** OIL WELL	**Allottee or Tribe Name:**
Lease Number: NMNM94190	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 300253672400S1	**Well Status:** Producing Oil Well	**Operator:** CHEVRON USA INCORPORATED

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: MARK TORRES

Signed on: AUG 11, 2023 01:23 PM

Name: CHEVRON USA INCORPORATED

Title: Well Abandonment Engineer

Street Address: 6301 DEAUVILLE BLVD

City: MIDLAND **State:** TX

Phone: (989) 264-2525

Email address: MARKTORRES@CHEVRON.COM

Field

Representative Name:

Street Address:

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

Phone:

Email address:

Querecho Plains Federal Com #003 - Proposed Wellbore Diagram

Created:	04/11/23	By:	GJPU	Well #:	3	Fd./St. #:	N/A	KB:	3775.5'
Updated:	04/11/23	By:	GJPU	API	30-025-36724			DF:	
Lease:	QUERECHO PLAINS FED COM 3			Surface	Tshp/Rng:	S-18 & E-32		GL:	3,757'
Field:	Querecho Plain			Unit Ltr.:	N	Section:	22	Ini. Spud:	06/17/04
Surf. Loc.:	760' FSL & 1,930' FWL			Bottom hole	Tshp/Rng:			Ini. Comp.:	08/25/04
Bot. Loc.:				Unit Ltr.:		Section:		**Base of FW:**	**450'**
County:	Lea	St.:	NM	Cost Code:	UCKY42410			**Potash:**	**NO**
Status:	Shut-in			Chevno:	HP6205				

Surface Casing

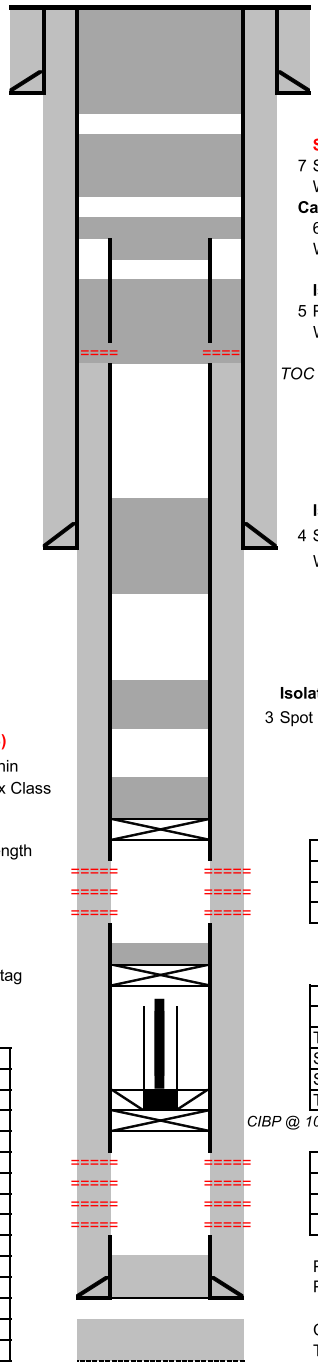
Size:	13 3/8
Wt., Grd.:	48# H-40
Depth:	727'
Sxs Cmt:	600
Circulate:	Yes - 25 bbls
TOC:	Surface
Hole Size:	17 1/2

Intermediate Casing

Size:	8 5/8
Wt., Grd.:	32# J55
Depth:	4,500'
Sxs Cmt:	1,450
Circulate:	Yes - 250 sx
TOC:	Surface
Hole Size:	11

Production Casing

Size:	5 1/2
Wt., Grd.:	17# N80
Depth:	10,820'
Sxs Cmt:	1,120
Circulate:	No
TOC:	2,700' via CBL 8/9/04
Hole Size:	7-7/8"
DV Tool:	N/A



Isolate 13-3/8" Shoe, Fresh Water (WSEA 10-E)
8 Spot 26 sx Class C f/ 100' - 0'
Visually confirm cement to surface

H2S Concentration >100 PPM? NO
NORM Present in Area? YES

Surface Shoe
7 Spot 28 sx Class C f/ 777' - 669'
WOC, tag, pressure test plug (min. tag depth 1,000') **Cut/Pull 5-1/2"**
Casing from 1,500'; set stub plug, Top of Salt
6 Spot 41 sx Class C f/ 1,550' - 1362'
WOC, tag, pressure test plug (min. tag depth 50' above cut depth)

Isolate Yates, Salt Bottom (WSEA 10-D)
5 Perf & Circulate 117 sx Class C f/ 2750' to 2407' (In 34 sxs/Out 47 sxs)
WOC, tag, pressure test plug (min. tag depth 2,382')

TOC @ 2,700'

Isolate 8-5/8" Int. csg shoe, Delaware (WSEA 10-C)
4 Spot 50 sx Class C f/ 4814' to 4405'
WOC, tag, pressure test (min. tag depth 4,450')

Isolate Bone Spring
3 Spot 30 sx Class C f/ 6825' - 6756'

Isolate Perfs (WSEA 10-B)
2 Set CIBP @ +/- 8,560' (within 100' of top perf); Spot 30 sx Class H f/ 8,560' - 8,295'
WOC, tag, pressure test
Min. tag depth: 100' plug length

Isolate Wolfcamp
1 Set CIBP @ 9,600'
Dump bail 35' cement and tag

Bone Spring Perforations

8,660'-8,687'	2SPF, .43" holes	Acidize w/ 2,500 gals acid + BS. (8,660' to 8,687')
8,801'-8,818'	2SPF, .43" holes	Acidize w/ 4,000 gals acid + BS. (8,801' to 8,842')
8,836'-8,842'	2SPF, .43" holes	

Top of Fish @ 9,788' (2/23/2005)

Tubing Components				Rod Components			
Item Des	Jts	OD (in)	Len (ft)	Item Des	Jts	OD (in)	Len (ft)
Tubing	21	2 7/8	661.5	Sinker Bars	18	1 1/2	450
Seat Nipple	1	2 7/8	1	Pump	1	1 1/2	30
Slotted Joint	1	2 7/8	4				
TAC	1	2 7/8	3				

CIBP @ 10,495'

Wolfcamp Perforations

10,556' to 10,558'	2SPF, .43" holes	Acidize w/ 4,000 gals acid + BS. (10,556' to 10,604')
10,567' to 10,569'	2SPF, .43" holes	
10,587' to 10,589'	2SPF, .43" holes	
10,601' to 10,604'	2SPF, .43" holes	

PBTD:	10,685'
PC Shoe @	10,820'
Cement	11,300' to 11,540'
TD:	11,900'

Formation	Top (MD)
Rustler	1,100'
Salt Top	1,427'
Salt Bottom	2,482'
Yates	2,700'
Seven Rivers	3,069'
Queen	3,860'
Grayburg	4,330'
Delaware	4,764'
Top of Bone Spring	6,875'
1st Bone Spring	8,330'
2nd Bone Spring	9,010'
3rd Bone Spring	9,885'
Wolfcamp	10,186'
Strawn	11,540'

Querecho Plains Federal Com #003 - Current Wellbore Diagram

Created:	04/11/23	By:	GJPU	Well #:	3	Fd./St. #:	N/A	KB:	3775.5'
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Lease:	QUERECHO PLAINS FED COM 3			Surface	Tshp/Rng:	S-18 & E-32		GL:	3,757'
Field:	Querecho Plain			Unit Ltr.:	N	Section:	22	Ini. Spud:	06/17/04
Surf. Loc.:	760' FSL & 1,930' FWL			Bottom hole	Tshp/Rng:			Ini. Comp.:	08/25/04
Bot. Loc.:				Unit Ltr.:		Section:		**Base of FW:**	**450'**
County:	Lea	St.:	NM	Cost Code:		UCKY42410		**Potash:**	**NO**
Status:	Shut-in			Chevno:		HP6205			

H2S Concentration >100 PPM? NO
NORM Present in Area? YES

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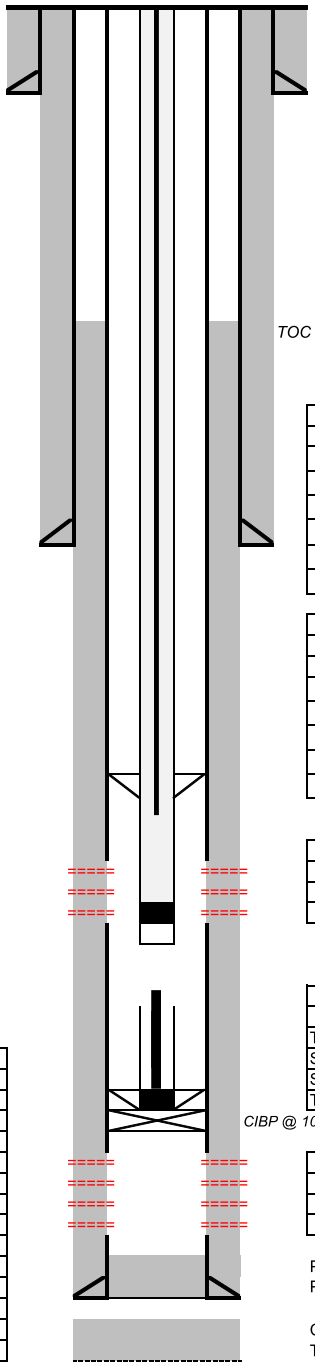

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Wolfcamp	10,186'
Strawn	11,540'

Tubing Components (4/7/2005)

Item Des	Jts	OD (in)	Len (ft)
Tubing	260	2 7/8	8,506.45
Anchor/catcher	1	2 7/8	2.70
Tubing	10	2 7/8	327.57
Seat Nipple	1	2 7/8	1.10
Perforated Joint	1	2 7/8	4.10
Tubing	1	2 7/8	29.15

Rod Components (12/12/2007)

Item Des	Jts	OD (in)	Len (ft)
Polished Rod	1	1 1/2	26.00
Rod Sub	1	1	10.00
Sucker Rod	103	7/8	2,575.00
Sucker Rod	216	3/4	5,400.00
Sucker Rod	33	7/8	825.00
Rod Insert Pump	1	1 1/4	30.00

Bone Spring Perforations

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TAC	1	2 7/8	3				

Wolfcamp Perforations

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BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads**. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
575-234-2229

Doris Lauger Martinez
Environmental Protection Specialist
575-234-5926

Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

Sundry ID **2745820**

Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify	26.00	C	Spot cement from 100' to surface.
Shoe Plug	669.73	777.00	107.27	Tag/Verify	28.00	C	Spot cement from 777' to 669'. WOC and Tag.
Top of Salt @ 1427	1362.73	1477.00	114.27	Tag/Verify	41.00	C	Cut and pull casing at 1500'. Spot cement from 1550' to 1362'. WOC and Tag.
Base of Salt @ 2482	2407.18	2532.00	124.82	Tag/Verify			
Yates @ 2700	2623.00	2750.00	127.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	81.00	C	Perf and squeeze from 2750' to 2407'. WOC and Tag. (In 34 sxs/Out 47 sxs)
Shoe Plug	4405.00	4550.00	145.00	Tag/Verify			
Delaware @ 4764	4666.36	4814.00	147.64	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	41.00	C	Spot cement from 4814' to 4405'. WOC and Tag.

Bonesprings @ 6875	6756.25	6925.00	168.75	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	25.00	C	Spot cement from 6925' to 6756'.
CIBP Plug	8525.00	8560.00	35.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	30.00	H	Set CIBP at 8560'. Leak Test CIBP. Spot 30 sxs on top.
Perforations Plug (If No CIBP)	8610.00	8892.00	282.00	Tag/Verify			
CIBP Plug	9565.00	9600.00	35.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	5.00	H	Set CIBP at 9600'. Dump bail 35' on top. WOC and Tag.

Shoe Plug	10661.80	10870.00	208.20	Tag/Verify			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
Class H >7500'
Class C<7500'
Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater
R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx
Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement	**Low**		
Shoe @	**727.00**		
Shoe @	**4500.00**		
Shoe @	**10820.00**	**TOC @**	**2700.00**
Perforatons Top @	**8660.00**	**Perforations**	**8842.00**
		CIBP @	**9600.00**
		CIBP @	**8560.00**

Chevron USA Inc.

Mid-Continent Business Unit

P&A Procedure – Querecho Plains Fed Com #3

Basic Well Info:
API: 30-025-36724
Base of Fresh Water: 450'
Potash: No

Notes:

- Additional well history available in Wellview and Electronic Well File. Contact engineer for more info.
- **Cement volumes are subject to change pending any cut/pull decisions – WSR to confirm all cement calculations. Notify BLM of all changes to cement volumes and deviations from the procedure.**
- WSR to assess crew competency and utilize SWA and contact Superintendent with any concerns.
- If program requires change of scope, do not proceed before contacting an engineer or Superintendent.
- Reference Well Intervention Standard Procedure and Business Partner SOPs for additional guidance.

Rig Work

1. Prior to rig arrival, verify well prep and confirm if any special or welded flanges are present that will require further intervention.
2. Contact **BLM at least 24 hours** prior to performing any work.
    a. Place job number in WellView, note the time you contacted the agency and the engineer's name.
3. Perform pre-job meeting. Review JSA's, fill out PTW, review SIF hazards and mitigations, reinforce SWA, review potential well control issues and mitigation per the phase 3 risk assessment (WSEA 2-A).
4. MIRU pulling unit.
5. Verify pressures and kill well as per Chevron Global Well Control Document.

   a. Bubble test intermediate and surface casings for 30 minutes each and share results in WellView under daily pressure.
6. Attempt to pressure test tubing to at least 1,000 psi for 15 minutes or the highest pressure expected while plugging the well.
   a. If test passes, utilize tubing for work string.
   b. If test fails, pick up a work string provided by Chevron.
7. Install hydraulic rod BOP and function test.
8. Pull and lay down rods.
   a. If paraffin is encountered or rods are stuck contact engineer.
   b. Stop work and contact Superintendent if stripping operations are required.
   c. Rod stripping – if unable to back off rods and forced to cut rods, a hydraulic sheering tool or hacksaw, or other verified, intrinsically safe devices SHALL be used to cut.
9. Perform flow check for 15 minutes (WSEA 10-A).
10. N/D tree and N/U 7-1/16" Class II BOPE: 5M pipe rams, blind rams (WSEA 8-A).
11. Pressure test BOPs to 250-350 psi low for 5 min / MASP + 500 psi for 5 min. Perform accumulator drawdown test (WSEA 9-A).
   a. On a chart, no bleed off allotted.
   b. Minimum 1,000 psi high pressure test.
12. TOH w/ production string. If TAC removed from wellbore, will serve as gauge ring run for CIBP.
   a. Stop work and contact Superintendent if tubing is pulling wet.
   b. Contact engineer if unable to unset TAC, do not shear TAC without the BOP N/U first to mitigate any risks of well control events.
13. If unable to pull TAC or alternatively want to leave TAC in place:
   a. Plan to set CITP adjacent to TAC or set in profile plug per tubing tally.
   b. Jet cut tubing above CITP.
14. Isolate Wolfcamp: Run and set CIBP above TOF at +/- 9,600' ensuring to perform gauge ring run through Bone Spring perforations prior to RIH w/ CIBP.
   a. Dump bail 35' cement on top of CIBP and tag plug.
15. Run and set CIBP within 100' of top Bone Spring perf at +/- 8,560' **or as per approved permit.**
16. Fill well with fresh water and pressure test CIBP/well to 500 psi for 15 minutes per EAR checklist (WSEA 10-B).
   a. 5% bleed off allotted, document test results.
   b. Contact engineer if concerned about casing integrity and wish to reduce test pressure.
   c. If pressure test fails re-test after spotting cement plug on top of CIBP. Record WSEA 10-B upon passing pressure test.
17. TIH and tag CIBP.
18. Isolate Perfs: Spot 30 sx Class H f/ 8,560' – 8,295'.
   a. WOC, tag plug with max 80% of available weight.
   b. **NOTE:** Per barrier standard, WOC/tag not required if passing pressure test: Contact agency to discuss waiving requirement.
19. Isolate Bone Spring: Spot 30 sx Class C f/ 6,925' – 6,756'.
   a. Minimum plug length 100' above formation top; regulatory plug – no WOC/tag required unless indicated in approved permit.

20. Isolate Delaware, 8-5/8" Intermediate Casing Shoe: Spot 50 sx Class C f/ 4,814' – 4,405' (WSEA 10-C).
    a. WOC, tag plug with max 80% of available weight, pressure test plug to 1,500 psi for 15 minutes, 5% allowable pressure drop.
    b. Minimum tag depth 4,450'.
21. Isolate Yates, Bottom of Salt: Perf & Circulate 117 sx Class C f/ 2,750' – 2,250' (WSEA 10-D).
    a. WOC, tag plug with max 80% of available weight, pressure test plug to 1,500 psi for 15 minutes, 5% allowable pressure drop.
    b. Minimum tag depth 2,382'.
22. Cut/pull production casing from 1,500' per steps below for cutting/pulling casing strings.
23. Isolate Casing stub: Spot min. 18 sx Class C f/ 1,550' – 1,450'.
    a. WOC, tag plug with max 80% of available weight, pressure test plug to 1,500 psi for 15 minutes, 5% allowable pressure drop.
    b. Minimum tag depth 50' above exact cut/pull depth.
24. Isolate Top of Salt, Rustler: Spot 130 sx Class C f/ 1,427' – 927'.
    a. WOC, tag plug with max 80% of available weight, pressure test plug to 1,500 psi for 15 minutes, 5% allowable pressure drop.
    b. Minimum tag depth 1,000'.
25. Conduct bubble test for 30 minutes on all casing annuli.
    a. If bubble test fails, contact engineer to discuss adjusting forward plan for additional perforate and squeeze contingency, cement plug or identify any opportunity to cut & pull casing, or R/D and monitor well.
    b. Goal is to address failed test prior to freshwater depths.
    c. Confirm forward plan with engineer and request forward plan approval from the agency.
26. If bubble test passes, proceed to isolate to surface.
27. Isolate fresh water: Perf/Circulate 215 sx Class C f/ 827' – 0'.
    a. Visually confirm cement to surface (WSEA 10-E).
28. RDMO.
    a. While RDMO, perform final 30-minute bubble test on surface and production casings.

Contingent Procedure for Cutting/Pulling Casing Strings

1. MIRU WL unit w/ 5k lubricator system w/ pack-off and pressure test lubricator to MASP + 500 psi for 5 minutes.
    a. Check for visible leaks of lubricator.
2. RIH w/ jet cutter and cut casing at depth agreed upon with agency.
3. RDMO WL unit.
4. Establish circulation and clean up annulus.
    a. If circulation is not established, contact the engineer.
5. N/D BOPs.
6. Spear casing and pull free.
    a. If casing does no pull free, rig up casing jacks and pull free.

b. Contact engineer if unable to pull free with casing jacks.

7. Set casing back down on stub.
8. N/U 3k Class II BOPs to next wellhead section (WSEA 8-B Contingent).
    a. Pipe rams required for size of casing to be laid down and blind rams.
    b. NOTE: For WellSafe certified wells, reference EAR checklist and/or well folder for BOP schematic. Document in WellView per EAR checklist.
9. Pressure test BOP to 250-350 psi low for 5 min / 1,000 psi for 5 min. Perform full accumulator drawdown test (WSEA 9-B Contingent).
10. Spear and L/D casing.
    a. Ensure swage joint w/ crossover to TIW is present w/ sling and ready to shut in.
11. Isolate casing stump.
    a. RIH and set CIBP above casing stump pending approval from agency.
    b. Alternatively, TIH and set cement plug min. 50' above and below stump and WOC/tag plug.
    c. Pressure test CIBP or cement plug to 1,000 psi.
12. Continue to plug well out per procedure adjusting cement calculations as necessary to achieve desired plug lengths.

WSEA	Component	Description
2-A	Pre-Spud	Review JSAs, fill out PTW, review SIF hazards and mitigations, reinforce SWA, review potential well control issues and mitigation per the phase 3 RA.
8-A	BOP Configuration	7-1/16" 5M BOPE: 2-7/8" pipe rams, blind rams
8-B	BOP Configuration (Contingent)	XX" 3M BOPE: 5-1/2" pipe rams, blind rams
9-A	BOP Test	Pressure test BOP to 250-350 psi low for 5 min / MASP + 500 psi high for 10 min. Minimum 1,000 psi high pressure test.
9-B	BOP Test (Contingent)	Pressure test BOP to 250-350 psi low for 5 min / 1,000 psi high for 10 min.
10-A	Flow Check	Perform flow check for 15 minutes
10-B	CIBP (1st barrier to perforations)	Test CIBP to 500 psi for 15 minutes with 5% maximum pressure drop with a decreasing rate of change. Acceptable fluid weight range 8.4 – 10 ppg. Contingent if fail: Spot min. 100' cement on top of CIBP, WOC/tag and re-pressure test.
10-C	Cement Plug #2 (2nd barrier to perforations)	Test cement plug to 1,500 psi for 15 minutes with 5% maximum pressure drop with a decreasing rate of change. Acceptable fluid weight range 8.4 - 10 ppg.

		Document cement plug bottom, tag depth (min. 100' plug length, 50’ above Int. csg shoe), tag weight (maximum 80% available weight), starting pressure, ending pressure and percent decline.
10-D	Cement Plug (Shallowest HC Bearing Formation)	Test cement plug to 1,500 psi for 15 minutes with 5% maximum pressure drop with a decreasing rate of change. Acceptable fluid weight range 8.4 - 10 ppg. Document cement plug bottom, tag depth (Plug must be at least 100’ to satisfy barrier standard), tag weight (maximum 80% available weight), starting pressure, ending pressure and percent decline.
10-E	Cement Plug – surface / freshwater plug	Visually confirm surface plug.

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

COMMENTS

Action 258167

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 258167
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	9/13/2023

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gcordero	None	9/13/2023