Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-26221

5. Indicate Type of Lease STATE ☑ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Quail Queen Unit

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

8. Well Number 3Y

2. Name of Operator: Chevron U.S.A. Inc.

9. OGRID Number: 4323

3. Address of Operator: 6301 Deauville Blvd Midland, Texas 79706

10. Pool name or Wildcat: Quail Queen

4. Well Location
Unit Letter I : 1841 feet from the South line and 759 feet from the East line
Section 11 Township 19-S Range 34-E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 3960' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☑	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Move in, RU rig.
Establish Mech. barrier at +/- 4,940' packer depth (CITP or CIBP), pull production tubing from well.
RDMO rig.

MIRU Coiled tubing unit, RIH and tag mech. barrier.
~~Isolate 7 Rivers~~ Spot 25 Sx Class C 4060'
Spot 28 sx Class C f/ 4940 - 4540'
Spot 25 sx Class C f/ 3574' - 3214'
Perf & Squeeze 121 sx Class C f/ 1962' - 1462'
Perf & Squeeze 97 sx Class C f/ 400' - 0'
Confirm cement returns to surface, RDMO.

NOTE CHANGES TO PROCEDURE

Spud Date: 2/14/1979 Rig Release Date:

SEE ATTACHED CONDITIONS OF APPROVAL

LPC Area Below ground marker send pics before backfilling hole

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mark Torres TITLE P&A Engineer DATE 1/3/2023

Type or print name Mark Torres E-mail address: MarkTorres@chevron.com PHONE: 989-264-2525

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 1/10/23

Conditions of Approval (if any): 575-263-6633

PROPOSED WELLBORE DIAGRAM

FIELD: Quail (AL5) **WELL NAME: Quail Queen #3Y**

LOC: 1841' FSL & 759' FEL SEC: 11 GL: 3960' CURRENT STATUS: SI Injector
TOWNSHIP: 19S COUNTY: Lea KB: 3970' API NO: 30-025-26221
RANGE: 34E STATE: NM DF: CHEVNO: EZ4533

Isolate Fresh Water
Perf & Circ. 97 sx Class C
f/ 400' - 0'

8-5/8" 24# & 32# csg set @ 1850' w/ 575sx; circ cmt to surface. 11" hole size.

Spud Date: 2/14/79	Initial: Production
Initial Completion Date: 3/11/79	35 BOPD
Initial Formation: Queen	20 MCFPD
From: 5002' To: 5040'	10 BWPD

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

Isolate Salt top, 8-5/8" shoe, Rustler
Perf & Squeeze 121 sx Class C f/ 1,962' - 1,462'

TOC @ 3426'

Isolate Yates
Spot 25 sx Class C f/ 3,574' - 3,214'

Formation	Top (MD, ft)
Rustler	1,847'
Salt Top	1,962'
Salt Bottom	3,294'
Yates	3,574'
Seven Rivers	4,064'
Queen	4,725'
Grayburg	5,382'

Isolate 7 Rivers
Spot 25 Sx Class C 4060'

Isolate Perfs, Queen
Set CITP in packer profile and release on/off tool
Spot 28 sx Class C f/ 4,940' - 4,540'
WOC & tag plug

4-1/2" 10.5# csg set @ 5600' w/550sx; TOC @ 3426'. 7-7/8" hole size.

Added Queen Perforations (3spf, 162 holes) - 2009
5002-08', 5012-34', 5042-50', 5058-60', 5070-80' & 5090-96'.
Acidize w/ 5000 gals 15% NE/FE HCl in 4 stages + 1500# GRS to divert.

Original Queen Perforations (2spf) - 1979
5002-5008' (12 holes)
5090-5096' (12 holes)
} 750 gals 15% NE acid each zone & 30,000 gals gel w/ 34,500# 20/40 snd.

TOC @ 5455' (not tagged)
4-1/2" CIBP @ 5490' w/ 35' cmt cap (3sx)

Queen f/ 5532-5540' (16 holes) 1000 gals 15% NE acid & 25,700 gals gel w/ 16,500# 20/40 snd.

PBTD: 5580'
TD @ 5600'

CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.

2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.

3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.

4. Filing a subsequent C-103 will serve as notification that the well has been plugged.

5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can +be released.

6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.

7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.

8. Produced water will not be used during any part of the plugging operation.

9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.

10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.

11. Class 'C' cement will be used above 7500 feet.

12. Class 'H' cement will be used below 7500 feet.

13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged

14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set

17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.

18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.

20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops

A) **Fusselman**

B) **Devonian**

C) **Morrow**

D) **Wolfcamp**

E) **Bone Springs**

F) **Delaware**

G) **Any salt sections**

H) **Abo**

I) **Glorieta**

J) **Yates.**

K) **Potash---(In the R-111-P Area (Potash Mine Area),**
A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 5O' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 5O' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQ.UIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name

2. Lease and Well Number

3. API Number

4. Unit letter

5. Quarter Section (feet from the North, South, East or West)

6. Section, Township and Range

7. Plugging Date

8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

Quail Queen Unit #3Y

API: 30-025-26221

Notes:

- Oil well converted to injection in 2009 and has been shut-in since 2014.
- Well is on the NMOCD ACOI list with a deadline of 6/26/23.
- Reference Onshore Operating Guidelines and Business Partner SOPs for detailed guidance.
- Summary of Well History attached.
- WSR to assess crew competency and utilize SWA and contact Superintendent with any concerns.
- Proposed procedure – Lay down rig + CTU

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 NMOCD at least 24 hours prior to performing any work.
3. MIRU pulling unit.
4. Verify well pressures and if necessary, kill well as per Chevron Global Well Control Document. Ensure all annuli are bled off. If H2S is present, call out scavenger and fans.
5. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test, 250 psi low and MASP + 500 psi high (per Chevron operating guidelines) for 5 minutes each.
    a. On a chart, no bleed off allotted.
6. MIRU wireline and lubricator.
7. Pressure test lubricator to MASP + 500 psi (whichever is larger) for 10 minutes.
    a. If MASP is greater than 1,000 psi, contact the engineer to discuss running grease injection.
8. Perform gauge ring run, M/U and set CITP in packer profile at +/- 4,940'.
    a. Contact engineer if unable to get down with gauge ring due to IPC pipe. Consider bullheading cement down tubing.
9. RDMO wireline unit.
10. Attempt to pressure test tubing and casing t/ 1,500 psi, MASP + 500 psi, or max anticipated pressure (whichever is larger) for 15 minutes.
11. Release on/off tool and TOH w/ production string.
12. RDMO.

Coil Tubing Unit

1. Contact NMOCD at least 24 hours prior to performing any work.
2. MIRU CTU
3. N/U BOPE and pressure test, 250 psi low and MASP + 500 psi high (per Chevron operating guidelines) for 5 minutes each.
    a. On a chart, no bleed off allotted.
4. Verify well pressures and if necessary, kill well as per Chevron Global Well Control Document. Ensure all annuli are bled off.
5. RIH w/ coiled tubing to tag existing mechanical barrier in wellbore.
6. Spot 28 sx Class C f/ 4,940' – 4,540'. WOC & tag plug.

7. Spot 25 sx Class C f/ 3,574' – 3,214'.
8. Perf & Squeeze 121 sx Class C f/ 1,962' – 1,462'. WOC, tag & pressure test plug.
9. Conduct bubble test for 30 minutes
    a. If bubble test fails, plan to run a CBL to confirm cement quality behind pipe
    b. Adjust forward plan for a perforate and squeeze contingency cement plug or identify any opportunity to cut & pull casing, or R/D and monitor well.
    c. Ultimate goal is to address failed test prior to fresh water depths.
    d. Confirm forward plan with engineer and request forward plan approval from TRRC
13. If bubble test passes, proceed with approved C-103.
14. Perf & Circulate 97 sx Class C f/ 400' – 0'
15. Verify cement to surface.
16. RDMO

CURRENT WELLBORE DIAGRAM

FIELD: Quail (AL5) **WELL NAME: Quail Queen #3Y**

LOC: 1841' FSL & 759' FEL SEC: 11 GL: 3960' CURRENT STATUS: SI Injector

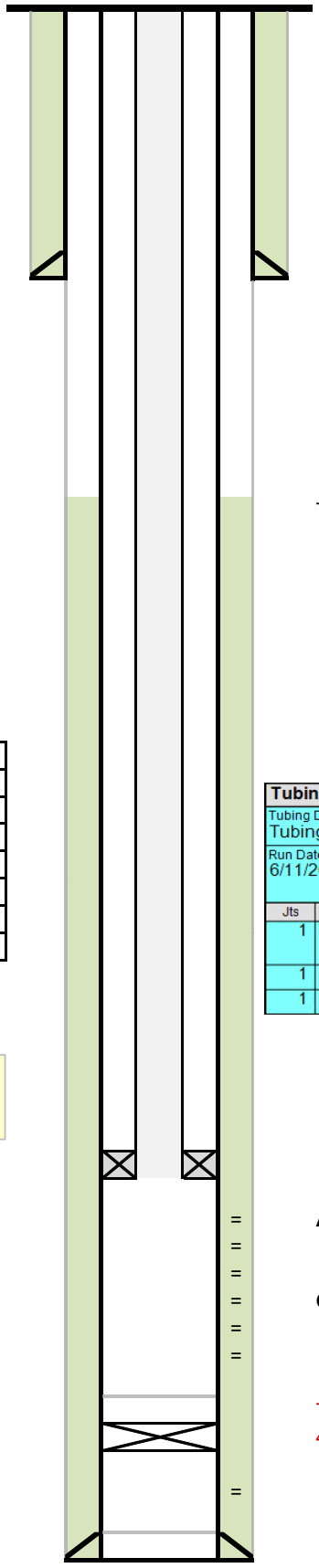
TOWNSHIP: 19S COUNTY: Lea KB: 3970' API NO: 30-025-26221

RANGE: 34E STATE: NM DF: CHEVNO: EZ4533

Spud Date: 2/14/79	Initial: Production
Initial Completion Date: 3/11/79	35 BOPD
Initial Formation: Queen	20 MCFPD
From: 5002' To: 5040'	10 BWPD

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

8-5/8" 24# & 32# csg set @ 1850' w/ 575sx; circ cmt to surface. 11" hole size.



TOC @ 3426'

Formation	Top (MD, ft)
Rustler	1,847'
Salt Top	1,962'
Salt Bottom	3,294'
Yates	3,574'
Seven Rivers	4,064'
Queen	4,725'
Grayburg	5,382'

Tubing Strings

Tubing Description	Planned Run?	Set Depth (MD) (ftOTH)	Set Depth (TVD) (ftOTH)
Tubing	N	4,942.1	
Run Date	**Run Job**	**Pull Date**	**Pull Job**
6/11/2013	Tubing Repair, 6/10/2013 04:00		

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftOTH)	Btm (ftOTH)
1	Tubing	2 3/8		4.70	J-55		4,924.10	10.0	4,934.1
1	Packer	2 3/8					6.00	4,934.1	4,940.1
1	On-Off Tool	2 3/8					2.00	4,940.1	4,942.1

4-1/2" 10.5# csg set @ 5600' w/550sx; TOC @ 3426'. 7-7/8" hole size.

Added Queen Perforations (3spf, 162 holes) - 2009
5002-08', 5012-34', 5042-50', 5058-60', 5070-80' & 5090-96'.
Acidize w/ 5000 gals 15% NE/FE HCl in 4 stages + 1500# GRS to divert.

Original Queen Perforations (2spf) - 1979
5002-5008' (12 holes)
5090-5096' (12 holes)
} 750 gals 15% NE acid each zone & 30,000 gals gel w/ 34,500# 20/40 snd.

TOC @ 5455' (not tagged)
4-1/2" CIBP @ 5490' w/ 35' cmt cap (3sx)

Queen f/ 5532-5540' (16 holes) 1000 gals 15% NE acid & 25,700 gals gel w/ 16,500# 20/40 snd.

PBTD: 5580'
TD @ 5600'

PROPOSED WELLBORE DIAGRAM

FIELD: Quail (AL5) **WELL NAME: Quail Queen #3Y**

LOC: 1841' FSL & 759' FEL SEC: 11 GL: 3960' CURRENT STATUS: SI Injector
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From: 5002' To: 5040'	10 BWPD

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NORM Present in Area? YES

Isolate Fresh Water
Perf & Circ. 97 sx Class C
f/ 400' - 0'

8-5/8" 24# & 32# csg set @ 1850' w/ 575sx; circ cmt to surface. 11" hole size.

Isolate Salt top, 8-5/8" shoe, Rustler
Perf & Squeeze 121 sx Class C f/ 1,962' - 1,462'

TOC @ 3426'

Isolate Yates
Spot 25 sx Class C f/ 3,574' - 3,214'

Formation	Top (MD, ft)
Rustler	1,847'
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Seven Rivers	4,064'
Queen	4,725'
Grayburg	5,382'

Isolate Perfs, Queen
Set CITP in packer profile and release on/off tool
Spot 28 sx Class C f/ 4,940' - 4,540'
WOC & tag plug

4-1/2" 10.5# csg set @ 5600' w/550sx; TOC @ 3426'. 7-7/8" hole size.

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5002-08', 5012-34', 5042-50', 5058-60', 5070-80' & 5090-96'.
Acidize w/ 5000 gals 15% NE/FE HCl in 4 stages + 1500# GRS to divert.

Original Queen Perforations (2spf) - 1979
5002-5008' (12 holes)
5090-5096' (12 holes)
} 750 gals 15% NE acid each zone & 30,000 gals gel w/ 34,500# 20/40 snd.

TOC @ 5455' (not tagged)
4-1/2" CIBP @ 5490' w/ 35' cmt cap (3sx)

Queen f/ 5532-5540' (16 holes) 1000 gals 15% NE acid & 25,700 gals gel w/ 16,500# 20/40 snd.

PBTD: 5580'
TD @ 5600'

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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 172506

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 172506
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	1/11/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 172506

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 172506
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA Note changes to procedure	1/10/2023