

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

Form C-103
 Revised August 1, 2011

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

WELL API NO. 30-025-25506	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Quail Queen Unit	
8. Well Number: 15	
9. OGRID Number 4323	
10. Pool name or Wildcat Quail Queen	

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 PROPOSALS.)

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

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

3. Address of Operator
6301 DEAUVILLE BLVD., MIDLAND, TX 79706

4. Well Location
 Unit Letter B : 660 feet from the North line and 1980 feet from the East line
 Section 14 Township 19S Range 34E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3,967' GL, 3,977' KB

HOBBS OCD

JUL 20 2020

RECEIVED

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐ OTHER: TEMPORARILY ABANDON ☐

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. 9-5/8" @ 423' TOC Surface, 4-1/2" @ 5,548' TOC Surface. Perforations: 5,136'-5142' (open), 4,574'-4,716' (squeezed), 4,040'-4,061' (squeezed). CIBP at 5,015' w/ 28' of cement.

Chevron USA INC respectfully requests to abandon this well as follows:

All Cement sack volumes are calculated using 1.32 yield for Class C and 1.18 yield for Class H. Adjust volumes to match footage as necessary based on the yield used at the time of execution.

- Call and notify NMOCD 24 hrs before operations begin.
- Pressure test casing to 500 psi for 15 minutes rig-less (or maximum anticipated pressure).
 - If pressure test fails, contact engineer.
- MIRU CTU.
- Check well pressures, kill well as necessary, perform bubble test on surface casing annuli, if bubble test fails Chevron intends to Zonite, cut and pull casing, or eliminate SCP with another means after the well is plugged to a certain point agreed upon by the NMOCD and Chevron.
 - Bubble test should be at least 30 minutes and follow the bubble test SOP.
 - Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
 - Perform final bubble test after cement has hardened.
- N/U BOP and pressure test as per SOP.
 - 250 psi low for 5 minutes, and MASP or 500 psi, or highest expected pressure (whichever is greater) for the job for 10 minutes each.
- TIH and tag CIBP cement cap at 4,987'.
- Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests.
- Spot 120 sx CL "C" cement f/ 4,987' t/ 3,217' (Queen, 7 Rivers, Yates, B.Salt).
 - TOC must be at 3,280' or shallower.
 - Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
- Spot 135 sx CL "C" cement f/ 1,978' t/ Surface (T.Salt, Shoe, FW).

See Attached
 Conditions of Approval

a. Deepest freshwater zone in the area is ~239'.

10. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used, and MLF spotted between plugs.

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

SIGNATURE ML TITLE P&A Engineer, Attorney in fact DATE 07/14/2020

Type or print name Howie Lucas E-mail address: howie.lucas@chevron.com PHONE: (832)-588-4044

For State Use Only

APPROVED BY: Kerry Int TITLE C O A DATE 7-29-20

Conditions of Approval (if any):

FIELD: Quail (AL5)
LOC: 660' FNL & 1980' FEL
TOWNSHIP: 19S
RANGE: 34E
UNIT LETTER: B

WELL NAME: Quail Queen #15
SEC: 14
COUNTY: Lea
STATE: NM
GL: 3967
KB: 3977
DF:

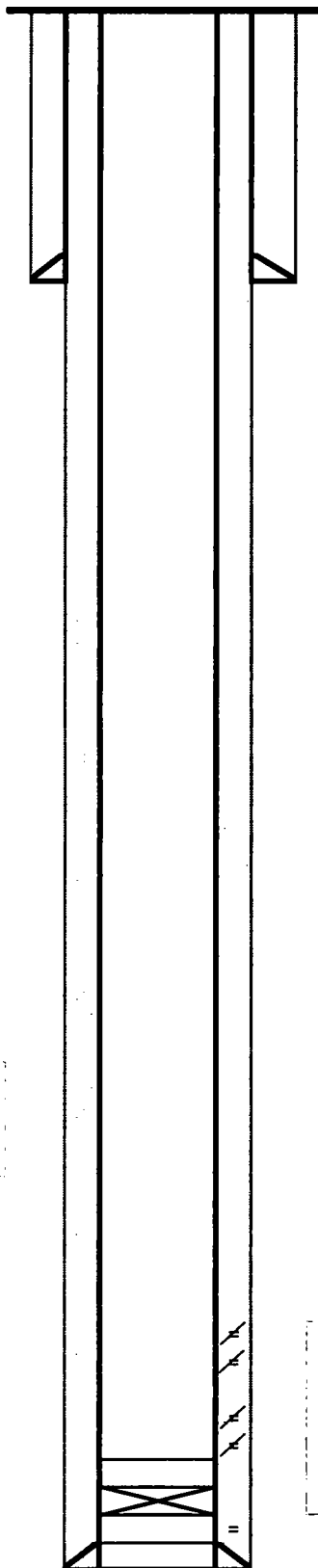
CURRENT STATUS: TA'd Producer
API NO: 30-025-25506

9-5/8" 36# H-40 csg set
@ 423' w/ 240sx; circ
50sx cmt to surface. 12-
3/4" hole size.

4-1/2" 10.5# J-55 csg set
@ 5548' w/1190sx; TOC @
surface (circ 30sx). 7-7/8"
hole size.

TOC @ 4987'
CIBP @ 5015' w/ 28' cmt cap

PBTD: 5506'
TD @ 5548'



Spud Date: 4/28/77

Initial Completion Date: 8/1/77

Initial Formation: Queen

From: 4040'

To: 5142'

Initial: Production

20 BOPD

0 MCFPD

42 BWPD

Completion data:

7/13/77: Seven Rivers FM f/ 4040-44' & 4054-61' w/ 22 (1/2") shots - treated w/ 1000 gals 15% NE acid w/ ball sealers. Frac'd down tbg w/ 12.1k gals gelled wtr and 10k# 20/40 snd.

6/27/77: Seven Rivers FM f/ 4574-80' & 4716-24' w/ 28 (1/2") shots - treated w/ 1000 gals 15% NE acid. Frac'd down csg w/ 20k gals gelled wtr and 16.5k# 20/40 snd.

6/4/77: Queen FM f/ 5136-42' w/ 16 (1/2") shots - treated w/ 1000 gals 15% NE acid w/ ball sealer. Frac'd down csg w/ 20k gals gelled wtr, 15k# 20/40 snd & 21k# 10/20 snd.

Subsequent Wellwork:

12/8/09: POOH w/ production equipment. Sqz'd Seven Rivers perms f/ 4574-80' & 4716-24' w/ 100sx cmt. Sqz'd Seven Rivers perms f/ 4040-44' & 4054-61' w/ 50 sx cmt. D/O cmt and RTP thru Queen perms @ 5136-42'.

6/8/20: MIRU RVWV. POOH laying down 70 7/8" rods, 114 3/4" rods, 8 1-1/4" sinker Bars, 3/4" stabilizer and rod pump. POOH with 160 jts 2-3/8" tbg, 4-1/2" TAC, 3 jts 2-3/8" tbg, 2-3/8" SN, 2-3/8" perf sub, 1 jt 2-3/8" tbg and 2-3/8" Bull plug. RIH with 4-1/2" CIBP and set @ 5015', dump 28' of cement on top CIBP (Top of cement @ 4987'). Circulate 80 bbls packer fluid. Pressure up to 500 psi, had Leak around tubing head adapter, tighten down adapter. Layed down WS. Pressure up with chart Test to 550 psi ran 3 charts and Lost 100# 10 min.

FORMATION TOPS

Rustler	1,893
Salt Top	1,978
Salt Bottom	3,330
Yates	3,598
Seven Rivers	3,961
Queen	4,802
Grayburg	5,445
TD	5,548

Perforations:

7/13/77

Seven Rivers f/ 4040-44' & 4054-61' w/ 22 (1/2") shots - sqz'd w/ 50 sx cmt

6/27/77

Seven Rivers f/ 4574-80' & 4716-24' w/ 28 (1/2") shots - sqz'd w/ 100sx cmt

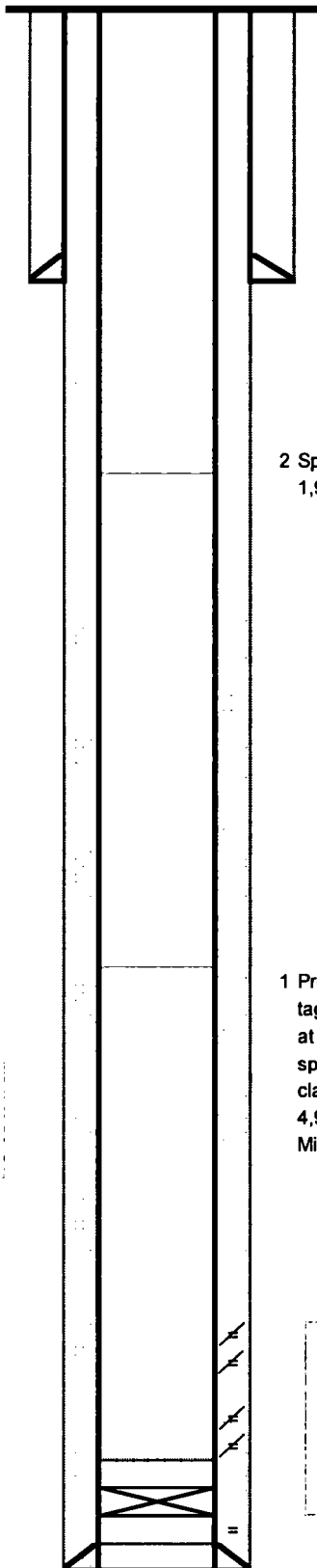
6/4/77

Queen f/ 5136-42' w/ 16 (1/2") shots - Open

FIELD: Quail (AL5)
 LOC: 660' FNL & 1980' FEL
 TOWNSHIP: 19S
 RANGE: 34E
 UNIT LETTER: B

WELL NAME: Quail Queen #15
 SEC: 14
 COUNTY: Lea
 STATE: NM
 GL: 3967'
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CURRENT STATUS: TA'd Producer
 API NO: 30-025-25506



9-5/8" 36# H-40 csg set
 @ 423' w/ 240sx; circ
 50sx cmt to surface. 12-
 3/4" hole size.

Spud Date: 4/28/77	Initial: Production
Initial Completion Date: 8/1/77	20 BOPD
Initial Formation: Queen	0 MCFPD
From: 4040' To: 5142'	42 BWPD

2 Spot 135 sx class c cement:
 1,978'-surface

4-1/2" 10.5# J-55 csg set
 @ 5548' w/1190sx; TOC @
 surface (circ 30sx). 7-7/8"
 hole size.

1 Pressure test casing,
 tag cement
 at 4,987',
 spot 120 sx
 class c cement:
 4,987'-3,217'
 Min: 3,280'

FORMATION TOPS	
Rustler	1,893
Salt Top	1,978
Salt Bottom	3,330
Yates	3,598
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TOC @ 4987'
 CIBP @ 5015' w/ 28' cmt cap

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Queen f/ 5136-42' w/ 16 (1/2") shots - Open

PBTD: 5506'
 TD @ 5548'

**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, woe 4 hours and tag, this plug will be SO' 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, woe and tagged. These plugs will be set SO' 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 1/4" 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