

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 July 18, 2013

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

WELL API NO. 30-025-38216
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 KELLER 11 STATE
8. Well Number 1Y
9. OGRID Number 4323
10. Pool name or Wildcat [2205] ANTELOPE RIDGE, BONE SPRING, NORTH [2210] ANTELOPE RIDGE, CHERRY CANYON

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.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator CHEVRON U S A INC	
3. Address of Operator 6301 Deauville BLVD, Midland TX 79706	
4. Well Location Unit Letter E : 1880 feet from the NORTH line and 330 feet from the WEST line Section 11 Township 23S Range 34E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3368 GR	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>	
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

CIBP set at 7550' on 6/12/2017. TA status per well records.
 Pressure test to 500 psi. Tag CIBP/cmt and upgrade w/ 25 sacks Class H cement.
 Spot 25 sacks Class C cement from 5863' to 5613'. (Isolate Delaware)
 Perforate 5-1/2" & squeeze 31 sacks Class C cement from 4375' to 4225'.
 (Isolate Salt Bottom, 7-5/8" shoe) WOC and tag.
 Cut and pull 5-1/2" from 2347'. Perforate 7-5/8" at 2347'. Spot cement from 2397' to 2347', squeeze from 2347' to 2197'. 5 sacks Class C in csg stub, 41 sacks for squeeze. (Isolate Salt Top). WOC and tag.
 Cut and pull 7-5/8" from 2043'. Perforate 9-5/8" at 2043'. Spot cmt from 2093' to 2043', squeeze from 2043 to 1643'. 10 sacks Class C in csg stub, 176 sacks Class C for circulate. WOC and tag.
 Perforate 9-5/8" at 250'. Circulate 150 sacks Class C cement to surface.
 Verify cement to surface. Rig down move off location.

Spud Date: Rig Release Date: SEE ATTACHED CONDITIONS OF APPROVAL

4" diameter 4' tall Above Ground Marker

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

SIGNATURE Hayes Thibodeaux TITLE Engineer DATE 10/17/2022
 Type or print name Hayes Thibodeaux E-mail address: Hayes.Thibodeaux@chevron.com PHONE: 281-726-9683
For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 10/20/22
 Conditions of Approval (if any): 575-263-6633

**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 50' 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 50' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQUIREMENTS

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

KELLER 11 STATE 001Y**30-025-38216****Notes:**

- Well was temporarily abandoned on 6/12/2017
- CIBP set at 7550' and passed multiple MIT's performed during TA status
- Well was circulated with 200 bbls of packer fluid on 6/14/2017
- Cut & pull of 5-1/2", 7-5/8" planned

Offline:

- **MIRU Apollo wireline and run CBL from CIBP tag depth until TOC is identified behind 5-1/2"**
- R/U and pressure test lubricator to 500 psi or MASP (whichever is larger) for 10 minutes.
- Conduct CBL run with 0 psi on initial pass. If TOC cannot be clearly determined, plan to run CBL under 1000 psi pressure.
- Report results to office and NMOCD if proposed forward plan is changed due to CBL results

All cement plugs are based on 1.18 yield for Class H and 1.32 yield for Class C

1. Call and notify NMOCD 24 hrs. before operations begin.
2. MIRU pulling unit.
3. Check well pressures, kill well as necessary following The Chevron Initial Well Kill Operating Guidelines.
 - a. Bubble test should be at least 30 minutes and follow the bubble test SOP. On all casing annuli, if bubble test fails Chevron intends to add contingency perforation/squeezes, 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.
 - b. Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
 - c. Perform a final bubble test after cement has hardened at surface.
4. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test, 250 psi low and 1,000 psi or MASP (per Chevron operating guidelines) for 5 minutes each.
 - a. On a chart, no bleed off allotted.
5. Pressure test casing to 1,000 psi for 15 minutes.
 - a. Confirm burst pressure of each casing string and ensure the bottomhole pressure during a pressure test does not exceed burst.
 - b. 5% bleed off allotted.
 - c. Contact the engineer if pressure test fails to discuss upgrading existing cement plugs to isolate holes, document test results.
6. Perform 30-minute bubble test on all casing strings. Record results. Adjust forward plan as necessary to address SCP.
7. TIH and tag CIBP.
8. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first Perf and Squeezes. If casing pressure test failed in previous job steps, Chevron requires all casing holes/damage to be covered with cement.

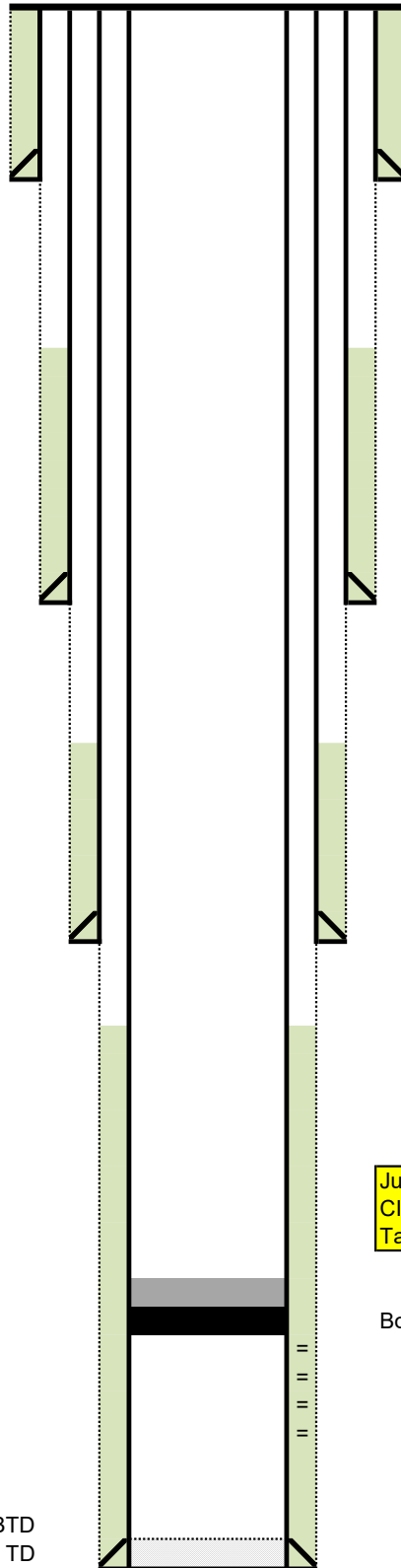
9. Upgrade cement plug on top of CIBP. Spot 25 sacks Class H cement from tag depth 7520'.
10. Spot 25 sacks Class C cement from 5863' to 5613'. (Isolate Delaware)
11. Perforate 5-1/2" & squeeze 31 sacks Class C cement from 4375' to 4225'. (Isolate Salt Bottom, 7-5/8" shoe). WOC and tag.
12. Cut and pull 5-1/2" from 2347'. Perforate 7-5/8" at 2347'. Spot cement from 2397' to 2347', squeeze from 2347' to 2197'.
 - a. 5 sacks Class C in csg stub
 - b. 41 sacks for squeeze. (Isolate Salt Top).
 - c. WOC and tag.
13. Cut and pull 7-5/8" from 2043'. Perforate 9-5/8" at 2043'. Spot cmt from 2093' to 2043', squeeze from 2043 to 1643'.
 - a. 10 sacks Class C in csg stub
 - b. 176 sacks Class C for circulate.
 - c. WOC and tag.
14. Conduct 30 minute bubble test on all annuli. If bubble test fails, plan to cut & pull casing a minimum of 100' below final cement plug. Discuss forward plan with and obtain approval from NMOCD.
15. Proceed to next job steps only after verifying a passing bubble test
16. Perforate 9-5/8" at 250'. Circulate 150 sacks Class C cement to surface.
17. While RDMO, perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent.
18. 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.

FIELD: Antelope Ridge
 LEASE/UNIT: Keller 11 State
 WELL NO.: 1Y
 COUNTY: Lea ST: New Mexico
 LOCATION: 1880' FNL & 330' FWL, Sec. 11, T-23S, R-34E

API NO.: 30-025-38216
 CHEVNO: JY6415
 PROD FORMATION: Bone Springs
 STATUS: SI Gas Well

Spud Date: 12/20/2006
 TD Date: 3/14/2007
 Comp Date: 4/17/2007



13-3/8" 54.5# csg @ 1500'
 1300sx cmt (TOC @ surface - circ)
 17-1/2" hole

GL: 3368'
 KB: 3386'
 DF:

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

TOC @ 2000'

TOC @ 2500'

9-5/8" 40# csg @ 3429'
 100sx cmt (TOC @ 2500')
 11" hole

TOC @ 4020'

7-5/8" 33.7# csg @ 4325'
 200sx cmt (TOC @ 4020')
 8-3/4" hole

June 2017 temporary abandonment
 CIBP set at 7550' with 30' of cement
 Tag cement at 7520'.

Bone Spring Perfs (2007)
 2 spf f/ 7622-7642'
 1700 gals 15% NEFE acid
 Frac'd w/ 19,000 gals Medallion 3000 pad & 32,000 gals 30# linear gel
 71,054# 20/40 white sand & 21,790# 20/40 super LC

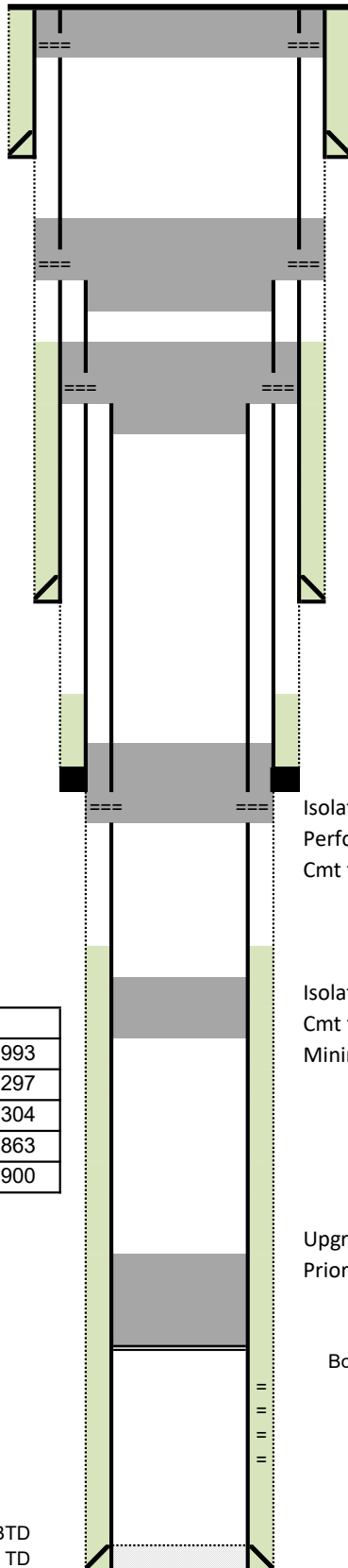
5-1/2" 17# csg @ 8900'
 370sx cmt (TOC @ 2000')
 7-1/2" hole

8571' PBTD
 8900' TD

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 1300sx cmt (TOC @ surface - circ)
 17-1/2" hole

GL: 3368'
 KB: 3386'
 DF:

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

Isolate Rustler
 Cut and pull 7-5/8" f/ 2043'
 Perforate at 2043'. Circ 500' cmt.

Isolate Salt Top
 Cut and pull 5-1/2" from 2347'
 Perforate 7-5/8" at 2347', squeeze 150' of cement
 Spot cement 50' into casing stub

9-5/8" 40# csg @ 3429'
 100sx cmt (TOC @ 2500')
 11" hole

TOC @ 4020'
 7-5/8" 33.7# csg @ 4325'
 200sx cmt (TOC @ 4020')
 8-3/4" hole

Isolate Salt Bottom, 7-5/8" shoe
 Perforate at 4375'
 Cmt from 4375' to 4225'

Isolate Delaware
 Cmt from 5863'
 Minimum 25 sacks Class C cement

Upgrade cmt on top of existing CIBP + cmt
 Prior tag depth at 7520'. Spot 25 sacks f/ 7520'

Bone Spring Perfs (2007)
 2 spf f/ 7622-7642'
 1700 gals 15% NEFE acid
 Frac'd w/ 19,000 gals Medallion 3000 pad & 32,000 gals 30# linear gel
 71,054# 20/40 white sand & 21,790# 20/40 super LC

5-1/2" 17# csg @ 8900'
 370sx cmt (TOC @ 2000')
 7-1/2" hole

Formation	Top
Rustler	1,993
Salt Top	2,297
Salt Bottom	4,304
Delaware	5,863
TD	8,900

8571' PBTD
 8900' TD

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

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 151409

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 151409
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	10/20/2022

District I
1625 N. French Dr., Hobbs, NM 88240
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CONDITIONS

Action 151409

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 151409
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	10/20/2022