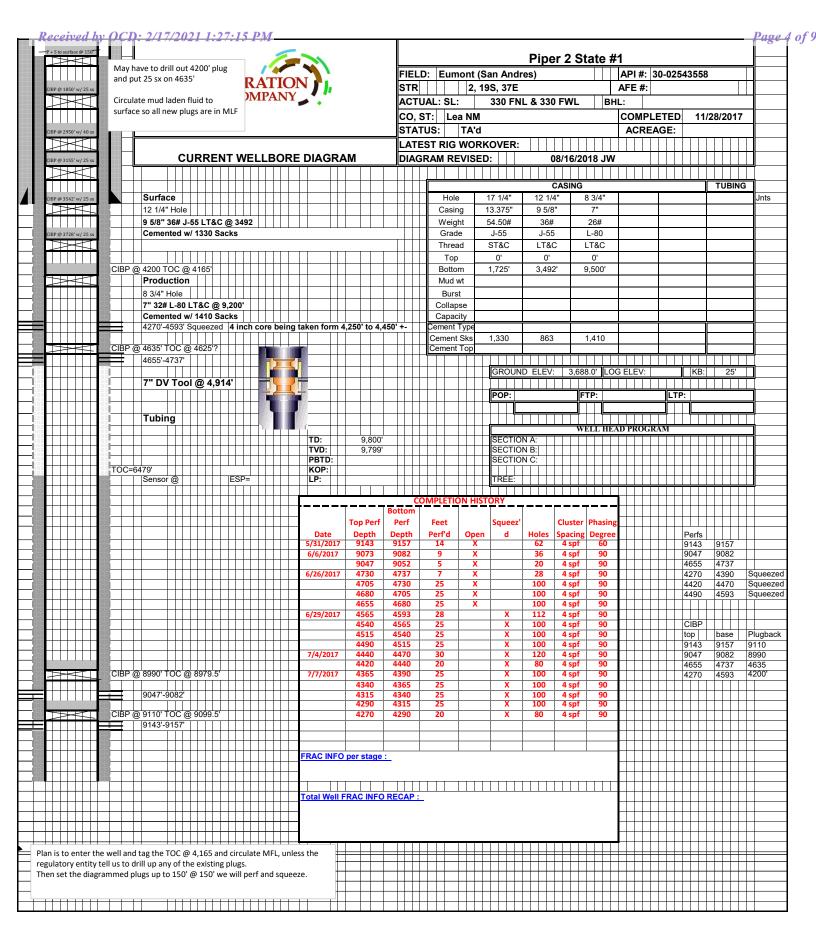
| Office State of New M | l exico | Form C-10. |
|---|------------------------|--|
| District I – (575) 393-6161 Energy, Minerals and Nat | tural Resources | Revised July 18, 201 |
| 1625 N. French Dr., Hobbs, NM 88240 | | WELL API NO. |
| District II – (575) 748-1283 811 S. First St., Artesia, NM 88210 OIL CONSERVATIO | N DIVISION | 30-025-43558 |
| District III – (505) 334-6178 1220 South St. Fra | | 5. Indicate Type of Lease |
| 1000 Rio Brazos Rd., Aztec, NM 87410 | | STATE FEE |
| District IV – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM | 37303 | 6. State Oil & Gas Lease No. |
| 87505 | | 317309 |
| SUNDRY NOTICES AND REPORTS ON WELL | LS | 7. Lease Name or Unit Agreement Name |
| (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR P | | Piper 2 State |
| DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) PROPOSALS.) | FOR SUCH | |
| 1. Type of Well: Oil Well ☐ Gas Well ☐ Other | | 8. Well Number #001 |
| 2. Name of Operator | | 9. OGRID Number |
| Riley Permian Operating Company, LLC | | 371599 |
| 3. Address of Operator | | 10. Pool name or Wildcat |
| 29 E. Reno Avenue, Suite 500 Oklahoma City, Oklahoma 73104 | | WC-025 G-06 S193702D, Devonian |
| 4. Well Location | | |
| | ne and 330 | feet from the W line |
| | Range 37E | NMPM Lea County |
| 11. Elevation (Show whether D. | | 3 |
| 3668' | K, KKD, K1, GK, elc | <i>:.)</i> |
| 3008 | | |
| 12 C1 1 A ' | NI (CNI (| D 4 04 D4 |
| 12. Check Appropriate Box to Indicate | Nature of Notice | , Report or Other Data |
| NOTICE OF INTENTION TO: | SUE | BSEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK PLUG AND ABANDON | REMEDIAL WO | |
| TEMPORARILY ABANDON | | RILLING OPNS. P AND A |
| PULL OR ALTER CASING MULTIPLE COMPL | CASING/CEMEN | |
| DOWNHOLE COMMINGLE | O/ (OII TO/ OEIVIE) | 11 002 |
| CLOSED-LOOP SYSTEM | | |
| OTHER: | OTHER: | Г |
| 13. Describe proposed or completed operations. (Clearly state al. | l pertinent details, a | nd give pertinent dates, including estimated d |
| of starting any proposed work). SEE RULE 19.15.7.14 NMA | | |
| proposed completion or recompletion. | _ | - |
| | | |
| The plan is to enter the well and tag the TOC $@4,165$ and circulate M | | |
| existing plugs. We will then set the diagrammed plugs up to 150' $@$ 1 | | squeeze. Then we reclaim the surface and se |
| he required plaque. We intend to start work prior to March 21, 2021. | | |
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| | | |
| 4" diameter 4' tall Above Ground Marker | | |
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| | SEE AT | TACHED CONDITIONS |
| | OF APP | ROVAL |
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| Spud Date: Rig Release I | Date: | |
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| hereby certify that the information above is true and complete to the | hest of my knowled | ge and helief |
| neredy certify that the information above is true and complete to the | best of my knowled | ge and benef. |
| | | |
| SIGNATURE Benjamin Olszewski TITLE EI | HS Manager | DATE 2/17/2021 |
| signature <i>Benjamin Olszewski</i> title ei | | |
| Type or print name _Benjamin Olszewski E-mail address:ben | | |
| For State Use Only | J 71 | |
| - | | |
| APPROVED BY: TITLE Cor rased to Imaging: 2/26/2021 8,55:28 AM | mpliance Officer A | A DATE 2/23/21 |

- 1) Drill out cement and CIBP at 4165
- 2) Drill out cement and CIBP at 4625
- 3) Spot 25 sx Class H on existing plug at 8979
- 4) Circulate MLF Pressure test casing
- 5) Set CIBP @ 6500 Spot 25 sx Class C
- 6) Spot 40 sx Class C 5000 cover DV tool
- 7) Spot 25 sx Class C 4750
- 8) Spot 25 sx Class C 4250
- 9) Resume with procedure



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 least¼" 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

| May have for diff and 4000 plug and 100 and 100 plug a | S to surface @ 150 | | h 4. 2. 20 | 12001 1 | | | | | | | | | | Pipe | er 2 S | tate # | <u>‡1</u> | | | | | |
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| COLORED TAG COMPLETED 11/28/2015 TAG CORRECT COMPLETED 11/28/2015 TAG CORRECT COMPLETED CO | @ 1850' w/ 25 sx | | data and lada a flo | | MPAN | Y | ŀ | | | | | | | | | | | : | | | | 4 |
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| CURRENT WELLBORE DIAGRAM AFEST RIG WORKOVER: | 2050:/ 40 | | | | | | | | | | | | | | | | | | | 1/28/ | 2017 | ╬ |
| CURRENT WELLBORE DIAGRAM DIAGRAM REVISED: OB/16/2016 W | 2950 W/ 40 S | | | | | | | | _ | | | - | OVER: | | | | HOIL | | | | П | \dashv |
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| CIP @ 400 TOC @ 4165 | | 4 | | | | | ПП | | | + | | | | | | | | | | | | ╁ |
| 0.34* Note 1.05 1.05 2.00* | | CIBP | | 4165' | | | | | | | | | 1,725' | 3,492 | 2' | 9,500' | | | | | | |
| Toches Competent College College Competent College | > < | _ | ++ | | | | | | | | | | | | | | | | | - | | - - |
| Capacity | | | | T&C @ 9,200' | | | | | | | | | | | | | | | | | | + |
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| Tubing Tubing Tubing Top: 9,800 Top: 1,800 Top: 1 | | | 4655'-4737' | | | <u> </u> | | | | | | | CROUN | D ELEV | . 26 | 00 01 11 0 | C EL EV | <u> </u> | | D. | 25' | \dashv |
| Tubing Tip: 9,800 Typ: 9,799 Pstriction A: SECTION A: | | | 7" DV Tool | @ 4,914' | | T ill | | | | | | +++ | GROON | D ELEV | . 3,0 | 00.0 LC | G ELEV. | | | Б. | 23 | ╉ |
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| TO: 9,800' TVD: 9,800' TVD: 9,799' SECTION A SECTION S | | | Tubing | | - 6 | ₩_ | | | | | | | | | | ┦┞ | | \blacksquare | | | | 4 |
| TOC-6479 Completion History Sensor @ ESP= LP: TREE: | | | Tubing | | 7 | | | | | | | +++ | | | V | VELL HE | AD PRO | GRAM | | | | ╅ |
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| FRAC INFO per stage: Total Well FRAC INFO RECAP: to enter the well and tag the TOC @ 4,165 and circulate MFL, unless the | \rightarrow | CIBP | | 9099.5' | | | | | | | | | | | | | | | | | | |
| to enter the well and tag the TOC @ 4,165 and circulate MFL, unless the | | | 9143'-9157' | | | | | | | - | | | | | | | | | | | | |
| to enter the well and tag the TOC @ 4,165 and circulate MFL, unless the | | | | | | | | | | | | | | | | | | | | | | |
| to enter the well and tag the TOC @ 4,165 and circulate MFL, unless the | | | | ++++++ | ++++ | FRAC | INFO p | er stage | _ | | | | | | | | +++ | +H | | | + | + |
| s to enter the well and tag the TOC @ 4,165 and circulate MFL, unless the | | | | | | | | | | | 1 1 | | | | | | | | | | | \vdash |
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| set the diagrammed plugs up to 150' @ 150' we will perf and squeeze. | | | | | rf and sque | eeze. | | | | | | | | | | | | +H | | | | \pm |

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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 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 18231

CONDITIONS OF APPROVAL

| Operator: | | | OGRID: | Action Number: | Action Type: |
|--------------------------------|-----------------------------|------------------------|--------|----------------|--------------|
| RILEY PERMIAN OPERATING COMPAN | 29 E Reno Avenue, Suite 500 | Oklahoma City, OK73104 | 372290 | 18231 | C-103F |

| OCD Reviewer | Condition |
|--------------|---|
| kfortner | See attached conditions of approval Note additions to procedure |