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

ROBBS OCD
DEC 10 2019
RECEIVED

Form C-103
Revised August 1, 2011

	WELL API NO. 30-025-32768
	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.) 1. Type of Well: Oil Well ☐ Gas Well ☒ Other Injection	7. Lease Name or Unit Agreement Name West Dollarhide Drinkard Unit
	8. Well Number: 111
2. Name of Operator Chevron USA Inc.	9. OGRID Number 4323
3. Address of Operator 6301 DEAUVILLE BLVD., MIDLAND, TX 79706	10. Pool name or Wildcat Dollarhide; Tubb-Drinkard
4. Well Location Unit Letter K : 1360 feet from the South line and 2055 feet from the West line Section 32 Township 24S Range 38E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3,162' GL, 3,175' KB

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 ☐			
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. **8-5/8" @ 1,210' TOC Surface, 5-1/2" @ 7,475' TOC Surface, Perforations: 6,065'-7,252', CIBP's set at 6,850' (35' cmt cap) and 6,015'.**

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. Pressure test casing to 500 psi f/ 15 min rig-less.
3. MIRU CTU, check well pressures, perform bubble test on surface casing annuli, if bubble test fails Chevron intends to Zonite or cut and pull casing after the well after it is plugged to a certain point agreed upon by the NMOCD and Chevron.
4. TIH w/ coil tubing and tag CIBP at 6,015', spot enough MLF t/ allow it to be between cement plugs, and spot 110 sx CL "C" cmt f/ 6,015' t/ 4,903', WOC & tag only if casing does not pressure test.
   a. Utilize a running plug method for all cement plugs, keeping the end of the CT 100' inside the cement.
   b. TOC must be at 4,946' or shallower.
5. Spot 60 sx CL "C" cmt f/ 4,018' t/ 3,425' (San Andres, Queen).
   a. TOC must be at 3,479' or shallower.
6. Spot 30 sx CL "C" cmt f/ 2,700' t/ 2,404' (Yates, B.Salt).
   a. TOC must be at 2,469' or shallower.
7. Spot 150 sx CL "C" cmt f/ 1,450' t/ surface (T.Salt, FW, Shoe, Surf).
   a. Deepest freshwater in the area is ~340'.
8. 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.

See Attached Conditions of Approval

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE _____ TITLE P&A Engineer, Attorney in fact DATE 12/3/19

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

For State Use Only

APPROVED BY: Kerry Fort TITLE C. O A DATE 12-11-19

Conditions of Approval (if any):

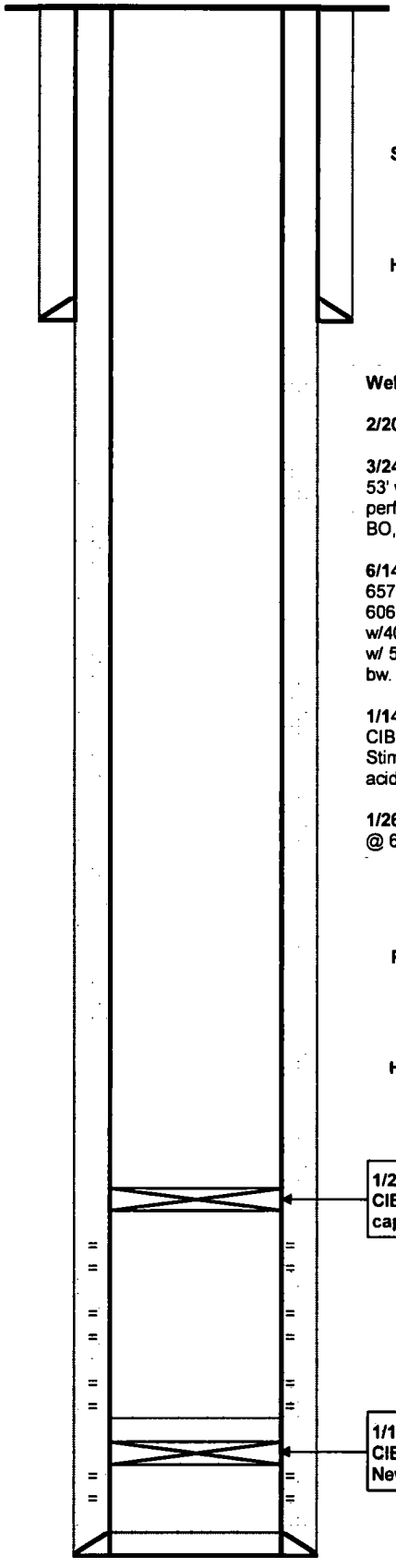
Well: **WDDU #111**

Reservoir: **Tubb/Drinkard**

Location	
1360'-FSL & 2055'-FWL	
Section:	32
Township:	24S
Range:	38E
Unit #:	K
County/St:	Lea/NM

Elevations:	
GL:	3162'
DF:	
KB:	3175'

Current
Wellbore Diagram



Well ID Info	
Refno:	BC1102
API No:	3002532768
Spud Date:	2/20/1995
TD Date:	3/4/1995
Compl. Date:	3/24/1995
Wellbore#	428945

Surf. Csg:
Size 8 5/8
Weight 24#
Set: @ 1210'
With: 525 sxs
Hole Size: 11"
Circ: Yes
TOC @ Surface

Wellwork

2/20/1995 - Spud date.

3/24/1995 - Completion date. Frac stim Abo perfs f/ 6438-53' w/ 47,547 gals 40# gel & 104,800# 20/40 snd. Stim Abo perfs f/ 6572-7252' w/ 11,000 gals 15% NEFE. Pmp'ing 88 BO, 52 mcf, 363 bw.

6/14/1996 - POOH w/ prod equipment. Stim Abo perfs f/ 6572-7252' w/3000 gals 15% NEFE & RS. Perf Tubb f/ 6065-6287' & Drinkard f/ 6389-6540'. Stim Tubb perfs w/4000 gals 15% NEFE & ball sealers. Stim Drinkard perfs w/ 5000 gals 15% NEFE & RS. Pmp'ing 64 BO, 36 mcf, 233 bw.

1/14/1998 - Mill on tight spot in csg f/ 6580-6928'. Ran CIBP & set @ 6850' (capped w/ 35' cmt, TOC @ 6815'). Stim Drinkard perfs f/ 6389-6540' w/ 3500 gals 15% NEFE acid & 1200# RS. Pmp'ing 18 BO, 20 mcf, 0 bw.

1/26/2009 - POOH w/ prod equipment. TIH w/ CIBP & set @ 6015'. No cmt cap. TA'd well.

T. Anhy	1183
T. Salt	1400
B. Salt	2519
T. Yates	2650
T. 7 Rivers	
T. Queen	3579
T. Grayburg	
T. San Andres	3968
T. Glorieta	5046
T. Paddock	
T. Blinebry	
T. Tubb	5972
T. Drinkard	6220
T. Abo	6540

Prod. Csg:
Size 5 1/2"
Weight 15.5# &17#
Set @ 7475'
With: 2200 sxs
Hole Size: 7 7/8"
Circ: Yes
TOC @ Surface

1/26/2009
CIBP @ 6015' w/ no record of cmt cap. New PBTD 6015'.

Tubb	Status
6065-6287'	Below CIBP

Drinkard	Status
6389-6540'	Below CIBP

Abo	Status
6572-6806"	Below CIBP
6858-7252'	Below CIBP

1/14/1998
CIBP @ 6850' w/ 35' cmt cap. New PBTD 6815' (TOC).

PBTD: 7335'
TD: 7475'

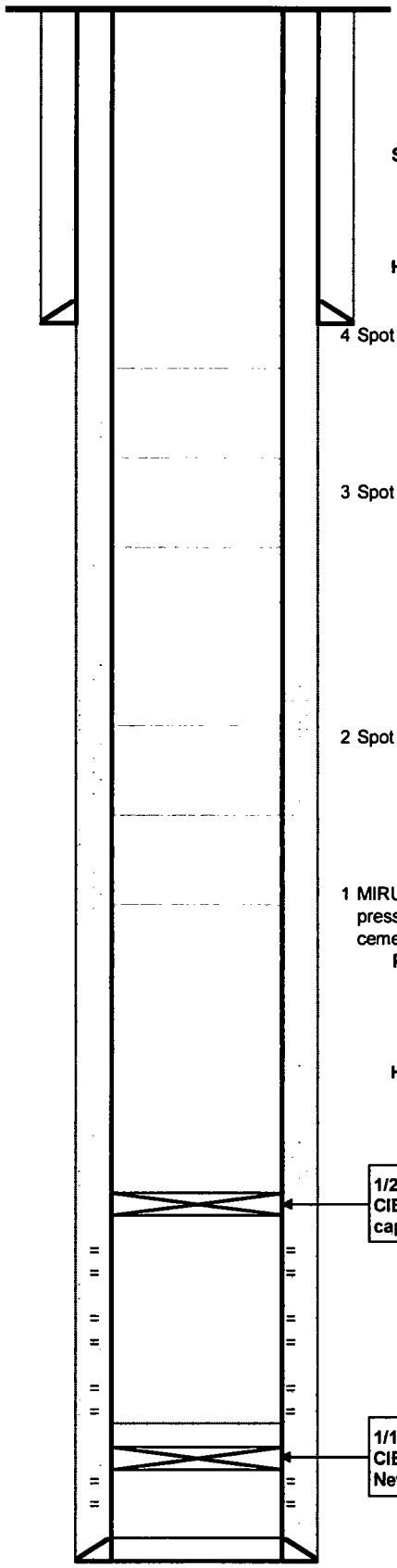
Well: **WDDU #111**

Reservoir: **Tubb/Drinkard**

Location	
1360'-FSL & 2055'-FWL	
Section:	32
Township:	24S
Range:	38E
Unit #:	K
County/St:	Lea/NM

Elevations:	
GL:	3162'
DF:	
KB:	3175'

Proposed
Wellbore Diagram



Well ID Info	
Refno:	BC1102
API No:	3002532768
Spud Date:	2/20/1995
TD Date:	3/4/1995
Compl. Date:	3/24/1995
Wellbore#	428945

Surf. Csg:
Size 8 5/8
Weight 24#
Set: @ 1210'
With: 525 sxs
Hole Size: 11"
Circ: Yes
TOC @ Surface

4 Spot cement from T.Salt to surface

3 Spot cement across Yates and B.Salt

2 Spot cement across San Andres and Queen

1 MIRU CTU, tag CIBP, pressure test casing, spot cement f/ CIBP t/ above Glorieta

Prod. Csg:
Size 5 1/2"
Weight 15.5# &17#
Set @ 7475'
With: 2200 sxs
Hole Size: 7 7/8"
Circ: Yes
TOC @ Surface

1/26/2009
CIBP @ 6015' w/ no record of cmt cap. New PBTD 6015'.

1/14/1998
CIBP @ 6850' w/ 35' cmt cap. New PBTD 6815' (TOC).

T. Anhy	**1163**
T. Salt	**1400**
B. Salt	**2519**
T. Yates	**2650**
T. 7 Rivers	
T. Queen	**3579**
T. Grayburg	
T. San Andres	**3968**
T. Glorieta	**5046**
T. Paddock	
T. Blinebry	
T. Tubb	**5972**
T. Drinkard	**6220**
T. Abo	**6540**

Tubb	Status
6065-6287'	Below CIBP

Drinkard	Status
6389-6540'	Below CIBP

Abo	Status
6572-6806"	Below CIBP
6858-7252'	Below CIBP

PBTD: 7335'
TD: 7475'

CONDITIONS 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)-399-3221 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 REQUIRMENTS

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