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

HOBBS OCD
NOV 07 2019
RECEIVED

Form C-103
Revised August 1, 2011

	WELL API NO. 30-025-29094
	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 HT Mattern NCT-B
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	8. Well Number: 23
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 Blineberry/Drinkard
4. Well Location Unit Letter G : 1650 feet from the North line and 1650 feet from the East line Section 31 Township 21S Range 37E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3,485' GL, 3,498' 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. **11-3/4" @ 398' TOC Surface, 8-5/8" @ 2,720' TOC surface, 5-1/2" @ 6,823' TOC 2,747' via temp survey, Perforations: 5,480'-6,634', Fish at 6,000' (tubing and rods, see WBD).**

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU pulling unit.
3. Kill well, N/D WH, N/U & test BOP.
4. 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.
5. TOH & L/D remainder of production tubing.
6. R/U wireline & lubricator, pressure test t/ 500 psi f/ 10 min.
7. Run gauge ring, then set CIBP at 5,420'.
8. TIH w/ tubing (fill well w/ fresh water while tripping).
9. Tag CIBP and test casing t/ 1,000 psi f/ 15 minutes.
   a. Contact NMOCD t/ discuss waiving WOC on plugs spotted if casing passes a pressure test.
10. Spot 40 sx CL "C" cmt f/ 5,420' t/ 5,025' (Perfs, Glorieta).
    a. TOC must be at 5,052' or higher. – circ MLF
11. Spot 80 sx CL "C" cmt f/ 4,116' t/ 3,277' (DV Tool, San Andres, Queen).
    a. TOC must be at 3,344' or higher.
12. Perforate at 2,770' and squeeze 140 sx CL "C" cmt f/ 2,182' t/ 2,770', WOC & tag (Yates, B.Salt).
    a. Must tag at 2,214' or higher.
    b. If no injection rate is observed at 2,770' (possible due to temp survey). Re-perforate at 2,720', if circulation/injection exists, need to spot cement 50' below shoe, then squeeze above, contact engineer to discuss if no injection is observed.
13. Perforate at 1,374' and squeeze 330 sx CL "C" cmt f/ Surface t/ 1,374', WOC & tag (Shoe, FW, T.Salt).

See Attached Conditions of Approval

a. Deepest FW in this area ~100'

14. 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 [signature] TITLE P&A Engineer, Attorney in fact DATE 11/4/19

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

For State Use Only

APPROVED BY: Kerry Fortner TITLE C. O. A DATE 11-4-19

Conditions of Approval (if any):

Well: **H. T. Mattern (NCT-B) # 23**

Field: **Brinebry Oil & Gas**

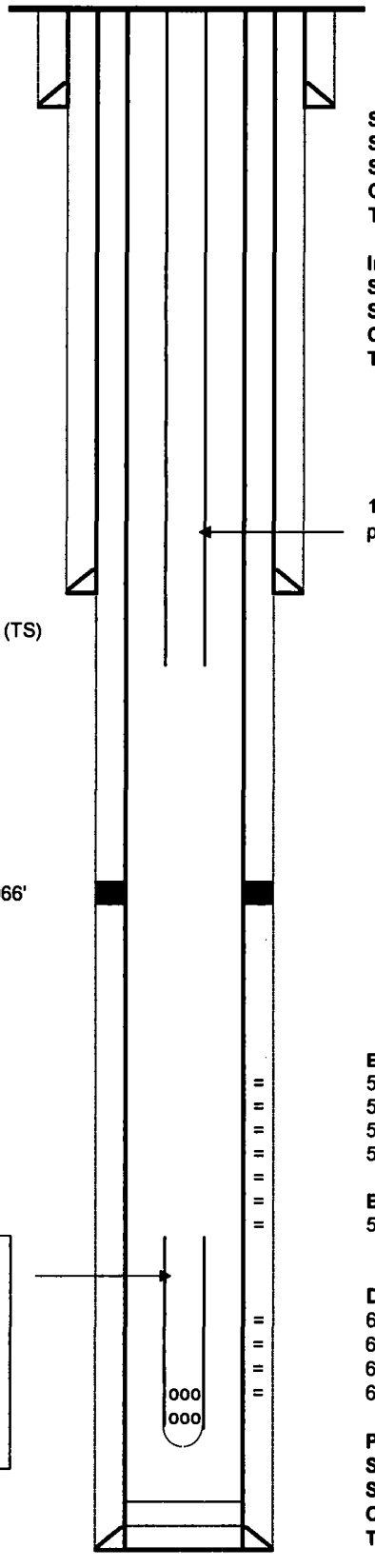
Reservoir: **Blinebry**

Location:
1650' FNL & 1650' FEL
Section: 31
Township: 21S
Range: 37E Unit: G
County: Lea State: NM

Elevations:
GL: 3485'
KB:
DF:

Current
Wellbore Diagram

Well ID Info:
Chevno: FM2854
API No: 30-025-29094
Spud Date: 1/23/85
Compl. Date: 2/25/85



Surf. Csg: 11-3/4", 42#, H-40
Set: @ 398' w/275 sx cmt
Size of hole: 14-3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated 94 sxs

Interm. Csg: 8-5/8", 32# & 24#, K-55
Set: @ 2720' w/750 sx cmt
Size of hole: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated 134 sxs

10/18/2018
perf joint, plug and 100 jts 2-7/8" J-55 tbg @ 3168.45'

TOC @ 2747' (TS)

DV Tool @ 4066'

FORMATIONS	
T. Anhy	1194
T. Salt	1324
B. Salt	2700
T. Yates	2714
T. 7 Rivers	2940
T. Queen	3444
T. San Andres	3920
T. Glorieta	5152
T. Blinebry	5466
T. Tubb	6150
T. Drinkard	6447

10/18/18
TOF @ 6000' w/ 2-7/8" tbg collar looking up (next collar @ 6031'). Top of rods @ 6055' (next collar @ 6062'). SN @ 6640' and EOT @ 6697'. Fish in tbg: 5 rods (3/4"), 12 sinker bars (1-1/2"), 1 stabilized pony rod (7/8") & rod insert pump (2").

PBTD: 6719' (5/23/14)
PBTD: 6780'
TD: 6829'

Blinebry Perfs (2014) @ 2 SPF

5480-84	5551-55	5660-75	5883-92
5493-96	5578-86	5683-88	5911-19
5503-18	5624-33	5696-5707	
5528-36	5639-46	5807-24	

Blinebry Perfs (2014) @ 3 SPF

5931-47	5959-65	5970-76	5991-97

Drinkard Perfs (1985) @ 1 JHPF

6570'	6584'	6620'	6638'
6572'	6587'	6622'	
6574'	6606'	6630'	
6580'	6607'	6634'	

Prod. Csg: 5-1/2", 15.5# , K-55
Set: @ 6823' w/1200 sx cmt
Size of hole: 7-7/8"
Circ: No **TOC:** 2747'
TOC By: Temperature Survey

Well: **H. T. Mattern (NCT-B) # 23**

Field: **Brinebry Oil & Gas**

Reservoir: **Blinebry**

Proposed
Wellbore Diagram

Location:
1650' FNL & 1650' FEL
Section: 31
Township: 21S
Range: 37E Unit: G
County: Lea State: NM

Elevations:
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Well ID Info:
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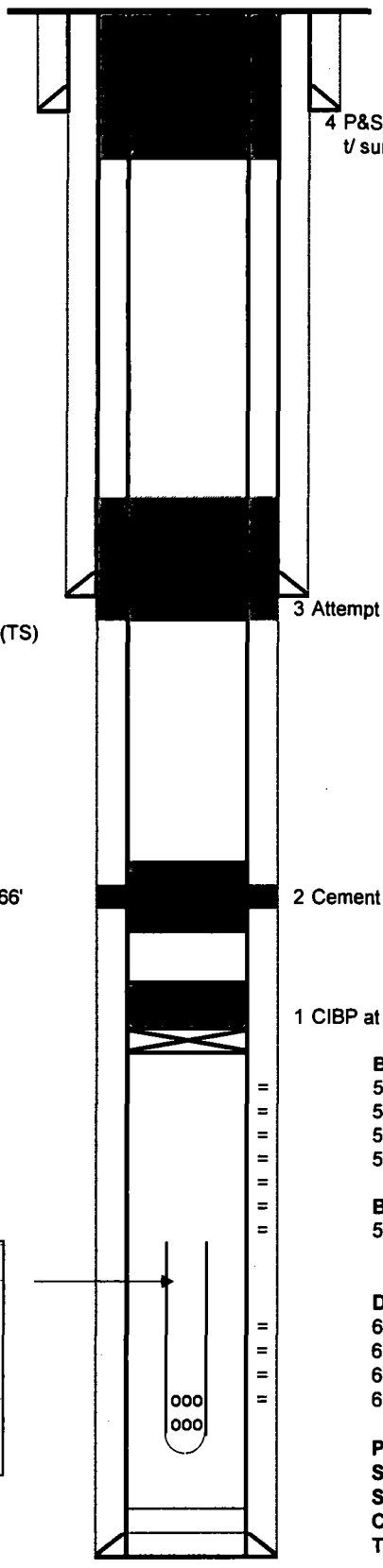

4 P&S f/ T.Salt t/ surface

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Set: @ 398' w/275 sx cmt
Size of hole: 14-3/4"
Circ: Yes **TOC:** Surface
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Interm. Csg: 8-5/8", 32# & 24#, K-55
Set: @ 2720' w/750 sx cmt
Size of hole: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated 134 sxs

3 Attempt to P&S across shoe, Yates, and B.Salt

TOC @ 2747' (TS)

DV Tool @ 4066'

2 Cement plug across DV tool, San Andres, and Queen

FORMATIONS	
T. Anhy	1194
T. Salt	1324
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T. San Andres	3920
T. Glorieta	5152
T. Blinebry	5466
T. Tubb	6150
T. Drinkard	6447

1 CIBP at 5,420' w/ cement t/ above the Glorieta

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TOF @ 6000' w/ 2-7/8" tbg collar looking up (next collar @ 6031'). Top of rods @ 6055' (next collar @ 6062'). SN @ 6640' and EOT @ 6697'. Fish in tbg: 5 rods (3/4"), 12 sinker bars (1-1/2"), 1 stabilized pony rod (7/8") & rod insert pump (2").

PBTD: 6719' (5/23/14)
PBTD: 6780'
TD: 6829'

GENERAL CONDITIONS OF APPROVAL:

1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.

2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.

3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of **one year** from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.

4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.

5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.

6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.

7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.

8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart

9) Site remediation due within one year of well plugging completion.