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

Form C-103
Revised August 1, 2011

HOBBS OCD
DEC 18 2019
RECEIVED

WELL API NO. 30-025-38332	
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 VM Henderson
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	8. Well Number: 24
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 Penrose Skelly Grayburg
4. Well Location Unit Letter H : 2300 feet from the North line and 370 feet from the East line Section 30 Township 21S Range 37E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3,438' GL, 3,429' 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. **9-5/8" @ 481' TOC Surface, 7" @ 4,289' TOC 200' via CBL, 4-1/2" liner 3,639'-5,669' (horizontal) TOC 3,639' (calculated), Perforations: 3,931'-5,260', OH 5,669'-5,707'.**

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 as necessary. 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. Pressure test tubing t/ 500 psi f/ 15 minutes.
5. M/U rod BOP and function test. Pull rods and L/D.
6. N/D WH, N/U & test BOP.
7. TOH w/ production tubing.
   a. Discuss with engineer about pressure testing tubing running in the well if pressure test failed.
8. R/U wireline & lubricator, pressure test t/ 500 psi f/ 10 min.
9. Set CIBP at 3,550'.
10. TIH w/ tubing (fill well w/ fresh water while tripping).
11. Tag CIBP and test casing t/ 500 psi f/ 15 minutes.
    a. Contact NMOCD t/ discuss waiving WOC on plugs spotted if casing passes a pressure test.
12. Spot MLF (subtracting cement plug volumes).
    a. Wait to spot MLF if casing failed a pressure test.
13. Spot 180 sx CL "C" cmt f/ 3,550' t/ 2,475' (Perfs, Grayburg, Queen, 7 Rivers, Yates).
    a. TOC must be at 2,529' or shallower.
    b. Perform plug in two stages to prevent sticking issues.
14. Perforate at 175', establish circulation, TIH t/ 531' and spot 60 sx CL "C" cmt t/ 175', TOH and circulate 65 sx CL "C" cmt t/ surface (Shoe, FW, Surf).

See Attached Conditions of Approval

a. Deepest freshwater in the area is ~110'.

15. 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 12/13/19

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

For State Use Only

APPROVED BY: Kenny Fortier TITLE C O A DATE 12-13-19

Conditions of Approval (if any):

VM Henderson 24 Current Wellbore Diagram

Lease-------	BRUNSON, R. L. 1G		
Well #-------	VMHENDERSON24G	Surf. Loc.--	2300' FNL, 370' FEL
Field--------	FLD-PENROSE SKELLY	Bot. Loc.----	
County/TX------	Lea / New Mexico	Lat & Long	Lat: 32.4508247 / Long: -103.194809 NAD83
		Unit Letter	
		Section-TV	Sec 30 - 21S - 37E
API #--------	Chevron		
Status-------	**SI**		
Battery	**VMHENDERSON24G**	Ini. Spud---	04/05/07
		Ini. Comp--	07/28/07

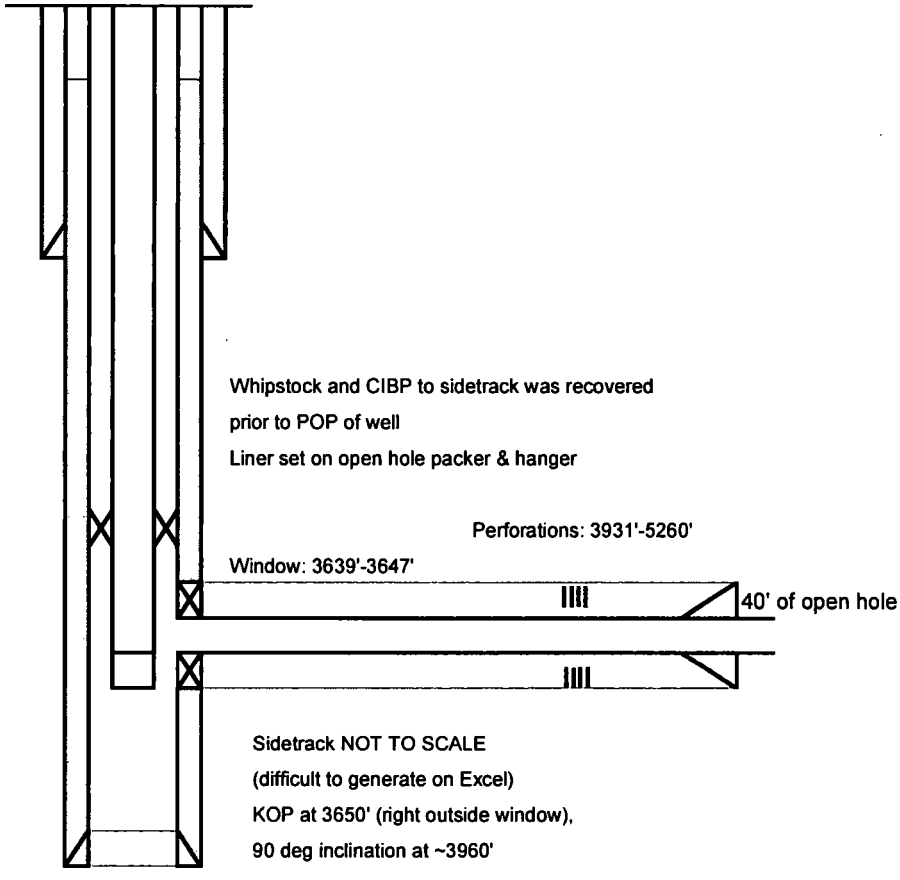
KB-3438'
GR----------
GL-3429'

Please find tubing and rod details on the "Tubulars" tab in the Workbook

Surface Casing
Size-9 5/8
Wt., Grd.-36#
Depth-481'
Sxs Cmt-380SX
Circulate-Yes
TOC-Surface
Hole Size-12 1/4"

Production Casing
Size-7"
Wt., Grd.-23#
Depth-4289'
Sxs Cmt- 1260 sk
Circulate-Yes
TOC-200' via CBL
Hole Size-8 3/4"

Production Liner
Size-4-1/2"
Wt., Grd.-11.6#
Depth-3639'-5669'
Sxs Cmt-250 sx
Circulate-Yes
TOC-3639'
Hole Size-6 1/2"



T. Yates	2,629
7 Rivers	2,868
T. Queen	3,364
T. Grayburg	3,608
T. San Andresa	3,934

VM Henderson 24 Proposed Wellbore Diagram

Lease-------	BRUNSON, R. L. 1G		
Well #-------	VMHENDERSON24G	Surf. Loc.--	2300' FNL, 370' FEL
Field--------	FLD-PENROSE SKELLY	Bot. Loc.----	
County/TX------	Lea / New Mexico	Lat & Long	Lat: 32.4508247 / Long: -103.194809 NAD83
		Unit Letter	
		Section-TWN	Sec 30 - 21S - 37E
API #-------	Chevron		
Status-------	SI		
Battery	VMHENDERSON24G	Ini. Spud---	04/05/07
		Ini. Comp--	07/28/07

KB-3438'
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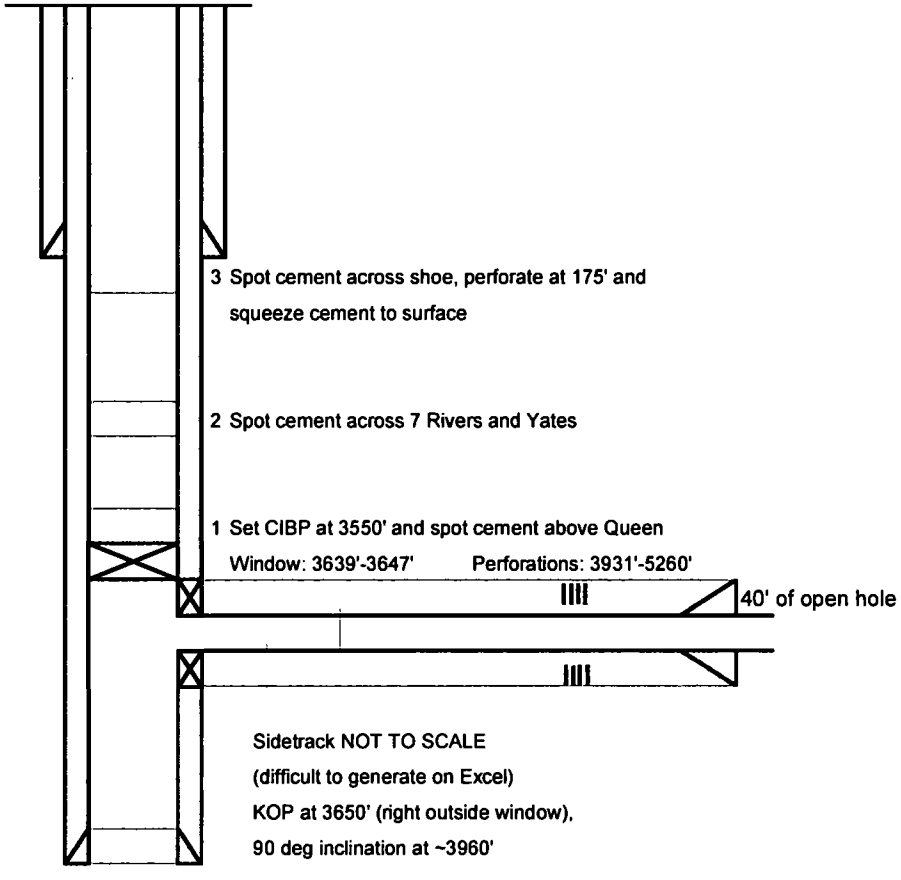

T. Yates	2,629
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CONDITIONS FOR PLUGGING AND ABANDONMENT

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.**