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

RECEIVED
JAN 09 2020
EMNRD-OCD ARTESIA

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-015-26349	
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	7. Lease Name or Unit Agreement Name: Carrasco 14
	8. Well Number: 5
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: Loving; Brushy Canyon East

4. Well Location
Unit Letter I : 1944 feet from the South line and 624 feet from the East line
Section 14 Township 23S Range 28E NMPM County Eddy

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
2,977' GL, KB Unknown

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" @ 565' TOC Surface, 5-1/2" @ 6,310' TOC unknown (CBL only ran t/ 4,000' which showed good cement). Perforations: 6,170'-6,118', 6,042'-6,014', 5,956'-5,922', 5,918'-5,907', 5,868'-5,856', 5832'-5,823', 5,798'-5,780', 4,820'-4,736', CIBP at 4,686' w/ 30' of cmt.**

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU wireline, pressure test lubricator 500 psi f/ 10 minutes, run CBL f/ CIBP cmt cap depth t/ surface.
   a. Share results w/ engineer and NMOCD to discuss cement plug depths and methods.
3. Pressure test casing t/ 1,000 psi f/ 15 minutes rig-less.
4. MIRU CTU.
5. Check well pressures, 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.
6. N/U BOP and pressure test as per SOP.
   a. 250 psi low for 5 minutes, and MASP or 1,500 psi for 10 minutes (whichever is higher).
7. TIH and tag CIBP cmt cap, spot 25 sx CL "C" cmt f/ 4,655' t/ 4,409', WOC & tag (Perfs, Brushy Canyon).
   a. TOC must be at 5,937' or shallower.
8. Spot or P&S depending on CBL results across the Cherry Canyon.
9. Spot or P&S depending on CBL results across the Bell Canyon, Lamar, and B.Salt.
10. Spot or P&S depending on CBL from 616' t/ surface.
    a. Deepest freshwater zone in the area is ~75'.
11. 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.

Notify OCD 24 hrs. prior to any work done.

*** SEE ATTACHED COA'S - Revised

MUST BE PLUGGED BY
1/20/21

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 1/8/2020

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

For State Use Only

APPROVED BY: [signature] TITLE Staff Mgr. DATE 1/20/20

Conditions of Approval (if any):

Carrasco 14 5
API: 30-015-26349
Eddy County, New Mexico
I-14-23S-28E 1944 FSL 624 FEL
Current Completion: TA'd - 10/2017 (Updated by Y. Li on 7/25/2019)

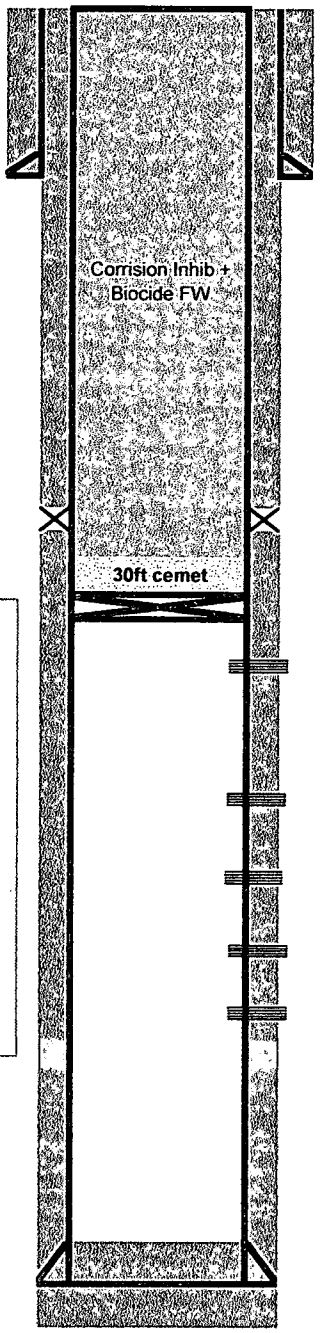
GL: 2,977'
KB: Unknown

12-1/4" Hole
8-5/8" CSG at 565'
TOC @ surf, 37sxs to pit
350 sxs

DV Tool @ 3,550'
TOC @ Surface,
circ 65sxs to pit

Final TA:
1. Pull rods and tubing from well
2. Set 5.5" CIBP @ 4,686'
3. Dump bail 3sxs on top of CIBP, WOC
4. Tag CIBP @ 4,656' / tubing
5. Circ hole with 120bbls FW + Biocide & Corrosion inhib.
6. Psi test to 500psi for 30mins, Artesia OCD witnessed (10-26-17)

7-7/8" Hole
5-1/2" CSG at 6,310'
TOC @ Surface
1,600 sxs



Note: This schematic is not to scale. For display purposes only.

Spud Date: 6/20/1990
TD Date: 6/29/1990
Compl Date: 7/13/1990

CASING DETAIL			
Depth	**Size**	**Weight**	**Grade**
565'	8-5/8"	24#	J-55
6,310'	5-1/2"	15.5	J-55
PRODUCTION TUBING			
All tbgs Pulled out, no details			

05/10/07 CARRASCO 14-5 AFE # 00-04-20-0534
Eddy NM Day 5
Purpose of Wk: Perf and Acidized. Rigged up JSI to perf:
6014-6042
5922-5956
5907-5918
5856-5868
5823-5832
5780-5798
1st perf run - RIH w/ 8 ft loaded gun and 9 ft loaded gun loaded w/ 19 gram charges, tied in w/ CCL log to confirm correct depth and perf 6034-6042 which is the bw 8 ft of interval 6014-6042. (Center CCL to top shot = 16 ft, detonated gun w/ CCL at 6018 ft. This placed top shot at 6034 ft). Repositioned gun assembly for second perf and perf 5823-5832. (Center CCL to top shot = 4 ft, detonated gun w/ CCL at 5818 ft which placed top shot at 5823 ft).
2nd perf run - RIH w/ 20 ft loaded gun, tied in w/ CCL log to confirm correct depth and perf 6014-6034 ft. (Center CCL to top shot = 4 ft, detonated gun w/ CCL at 6010 which placed top shot at 6014 ft) This run completes perf of interval 6014-6042.
3rd perf run - RIH w/ 14 ft loaded gun, tied in w/ CCL log to confirm correct depth and perf 5942-5956 ft which is the bw 14 ft of interval 5922-5956. (Center CCL at 5938 which placed top shot at 5942 ft).
4th perf run - RIH w/ 20 ft loaded gun, tied in w/ CCL log to confirm correct depth and perf 5922-5942 ft. (Center CCL at 5918 which placed top shot at 5922 ft). This run completes perf of interval 5922-5956.
5th perf run - RIH w/ 11 ft loaded gun, tied in w/ CCL log to confirm correct depth and perf 5907 - 5918 ft. (Center CCL at 5903 ft which placed top shot at 5907 ft).
6th perf run - RIH w/ 12 ft loaded gun, tied in w/ CCL log to confirm correct depth and perf 5856 - 5868 ft. (Center CCL at 5852 which placed top shot at 5856 ft).
7th perf run - RIH w/ 18 ft loaded gun, tied in w/ CCL log to confirm correct depth and perf 5780 - 5798 ft. (Center CCL at 5776 which placed top shot at 5780 ft).
Finished perf, all shots fired, RD JSI WL, RIH w/ Lee County Pkr retrievable pkr, bridge plug, and mechanical collar locator to ~ 4600 ft.
Suspended operations.

Pardue Perforations:
4736ft - 4820ft

Brushy Canyon "AA" Perforations:
5780ft - 5798ft - 6 spf (108 holes)
5823ft - 5832ft - 6 spf (54 holes)
5856ft - 5868ft - 6 spf (72 holes)
Brushy Canyon "A" Perforations:
5907ft - 5918ft - 6 spf (270 holes)
5922ft - 5956ft - 6 spf
Brushy Canyon "B" Perforations:
6014ft - 6042ft - 6 spf (168 holes)
Brushy Canyon "C" Perforations:
6118ft - 6170ft - (64 holes)

PBTD = 6,296'

This wellbore diagram is based on most recent information regarding wellbore configuration & equipment that could be found in Midland Office well files & computer / online databases as of above update date.

Formation Name	Depth (MD)
T Salt	566
B Salt	2,402
Lamar LS	2,620
Bell Canyon	2,650
Cherry Canyon	3,460
Brushy Canyon	4,733
Bone Spring	6,202

Carrasco 14 5
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Eddy County, New Mexico
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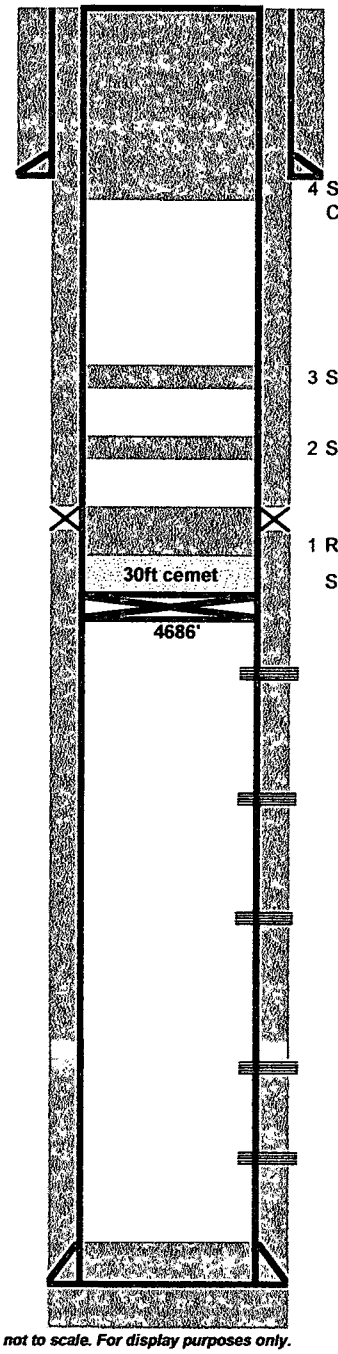
TOC @ Surface
1,600 sxs



Spud Date: 6/20/1990
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CASING DETAIL			
Depth	Size	Weight	Grade
565'	8-5/8"	24#	J-55
6,310'	5-1/2"	15.5	J-55

PRODUCTION TUBING
All tbgs Pulled out, no details

4 Spot or P&S across shoe depending on CBL results

3 Spot or P&S across Bell Canyon, Lamar, and B.Salt depending on CBL results

2 Spot or P&S across Cherry Canyon depending on CBL results

1 Run CBL to confirm TOC

Spot cement across Brushy Canyon and DV Tool

Pardue Perforations:
4736ft - 4820ft

Brushy Canyon "AA" Perforations:
5780ft - 5798ft - 6 spf (108 holes)
5823ft - 5832ft - 6 spf (54 holes)
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Brushy Canyon "A" Perforations:
5907ft - 5918ft - 6 spf
5922ft - 5956ft - 6 spf (270 holes)

Brushy Canyon "B" Perforations:
6014ft - 6042ft - 6 spf (168 holes)

Brushy Canyon "C" Perforations:
6118ft - 6170ft - (64 holes)

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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 II at (575)-748-1283 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