Received by OCP: 5/23/2022 1:03:0	5 PM State of New Mexico	Form C-103 of 15
Office <u>District I</u> – (575) 393-6161	Energy, Minerals and Natural Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	ON GOVERNAL TROUBENIES	WELL API NO. 30-025-05423
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	OIL CONSERVATION DIVISION 1220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	STATE FEE
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa I C, IVIVI 67505	6. State Oil & Gas Lease No.
	TICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPL	OSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ICATION FOR PERMIT" (FORM C-101) FOR SUCH	Lovington San Andres Unit
PROPOSALS.) 1. Type of Well: Oil Well	Gas Well Other Injector	8. Well Number 38
2. Name of Operator Chevron Midcontinent, L.P.		9. OGRID Number 241333
3. Address of Operator		10. Pool name or Wildcat
6301 Deauville Blvd Midland	, Texas 79706	San Andrew
4. Well Location Unit Letter F	1650feet from the North line and _1	1980feet from the Westline
Section 6	Township 17 S Range 37E	NMPM County Lea
	11. Elevation (Show whether DR, RKB, RT, GR, e	
12. Check	Appropriate Box to Indicate Nature of Notic	ee, Report or Other Data
		•
PERFORM REMEDIAL WORK	NTENTION TO: SU PLUG AND ABANDON ☑ REMEDIAL WO	JBSEQUENT REPORT OF: DRK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON		DRILLING OPNS. P AND A
PULL OR ALTER CASING		
DOWNHOLE COMMINGLE		
CLOSED-LOOP SYSTEM OTHER:	□ OTHER:	П
	pleted operations. (Clearly state all pertinent details,	and give pertinent dates, including estimated date
	ork). SEE RULE 19.15.7.14 NMAC. For Multiple (Completions: Attach wellbore diagram of
proposed completion or re	completion.	
Please see atta	ched procedure for well abandonment detai	le.
Please see alla	ched procedure for well abandonment detail	is.
4" diameter 4' tall Abo	ove Ground Marker	
	SEE ATTACHE	CONDITIONS
	OF APPROVAL	
Spud Date:	Rig Release Date:	
L		
Lhereby certify that the information	above is true and complete to the best of my knowle	edge and helief
Thereby certify that the information	above is true and complete to the best of my knowle	age and benef.
SIGNATURE Hayes Th	ibodsaux _{TITLE} Engineer	DATE 5/23/2022
Type or print some Haves Thih	odeaux E-mail address: Hayes.Thibodea	aux@chevron.com PHONE: 281-726-9683
For State Use Only		
APPROVED BY:	TITLE Compliance Officer	A DATE 5/25/22
Conditions of Approval (if any):	575-263-6633	DAIL GLOILE

Plugging Plan – Lovington San Andres Unit #38

API: 30-025-05423

Note:

- Injector well with internally lined plastic tubing
- Loc-set packer at 4511'

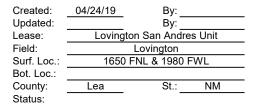
Proposed procedure - Lay down rig + CTU

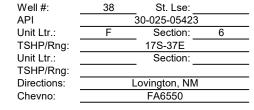
- 1. Move in Axis 34 Lay Down rig package
- 2. N/U BOPE and pressure test same to 250 psi low for 5 minutes / 2500 psi high for 10 minutes.
- 3. Pull 2-3/8" IPC tubing w/ on/off tool
- 4. Gauge ring run will be required unless the packer is removed from the wellbore
- 5. RIH with CIBP and set at proposed depth in C-103 (4511')
- 6. Pressure test mech. barrier + casing to 500 psi for 15 minutes. Document results in WellView.
- 7. Conduct bubble tests on all annuli. If bubble test fails, communicate to coiled tubing WSR for planning purposes.
- 8. Rig down Axis 34 lay down rig

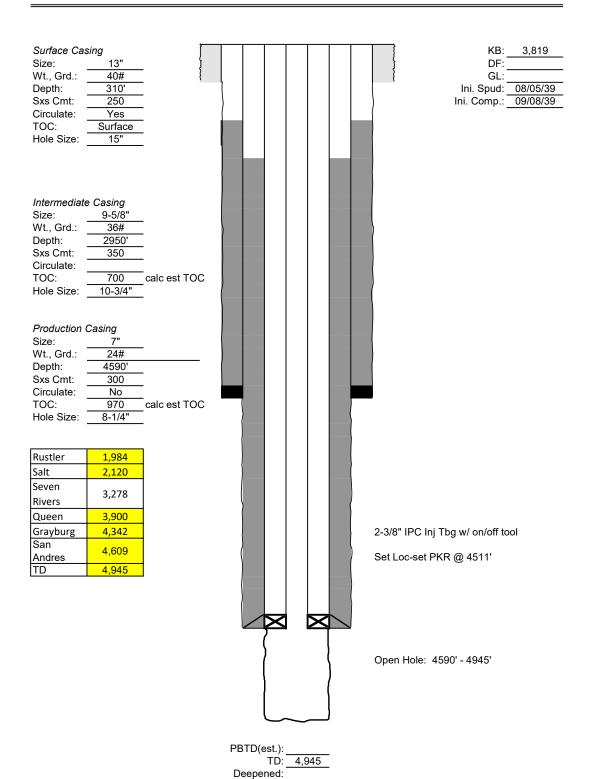
Proposed procedure - Coiled Tubing Unit

- 9. R/U coiled tubing P&A package
- 10. N/U BOPE and pressure test same to 250 psi low for 5 minutes / 2500 psi high for 10 minutes.
- 11. RIH with coiled tubing to tag existing mechanical barrier in wellbore
- 12. Spot 43 sacks Class C cement from 4511' to 4242'.
- 13. Spot 25 sacks Class C cement from 3900' to 3745'.
- 14. Spot 25 sacks Class C cement from 3000' to 2845'.
- 15. Spot 37 sacks Class C cement from 2120' to 1884'.
- 16. Conduct bubble test on 7" x 9-5/8", 9-5/8" x 13"
 - a. If bubble test fails, <u>consider</u> running CBL to confirm TOC (calculated at 970') and identify depth to perforate OR cut/pull casing
- 17. Perforate 7" and 9-5/8" strings with deep penetrating charges from 360'. Establish circulation to surface in both annuli if possible. Conduct bubble test and ensure it's passing prior to bringing cement to surface.
- 18. If bubble test fails, consider transitioning directly to casing cutting & pulling. Discuss forward plan with NMOCD engineer for approval.
 - a. Cut casing will require a stub plug 50' inside of cut casing extending 50' above the cut portion at a minimum. WOC, tag, pressure test barrier. Proceed with approved C-103 if passing bubble test is achieved.
- 19. Circulate 214 sacks Class C cement from 360' to 0' in all strings
- 20. Confirm cement returns at surface
- 21. Rig down move off location

Wellbore Diagram



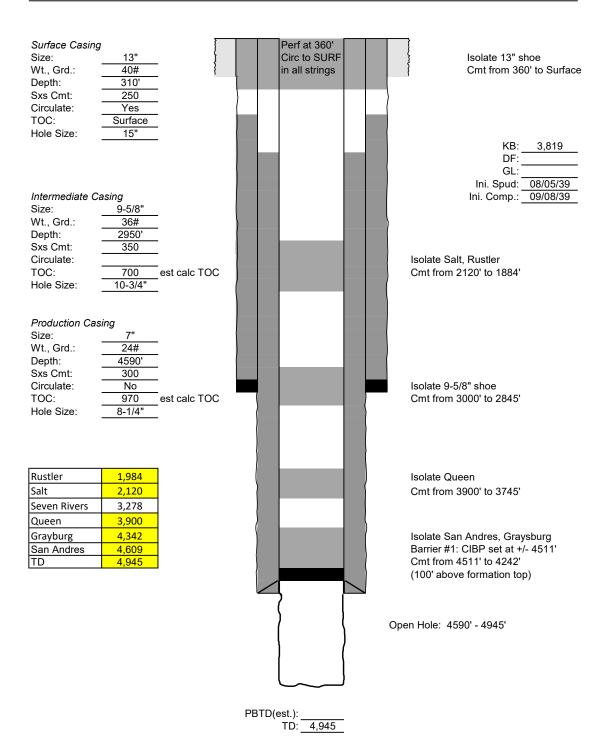




Proposed Wellbore Diagram

04/24/19 Created: By: Updated: By: Lease: Lovington San Andres Unit Field: Lovington Surf. Loc.: 1650 FNL & 1980 FWL Bot. Loc.: County: NM Lea St.: Status:

Well #: 38 St. Lse: API 30-025-05423 Unit Ltr.: Section: TSHP/Rng: 17S-37E Unit Ltr.: Section: TSHP/Rng: Directions: Lovington, NM FA6550 Chevno:



Deepened:

106.74419 213.48837 320.23256 426.97674 533.72093 640.46512 747.2093 853.95349 960.69767 1067.4419 1174.186 1280.9302 1387.6744 1494.4186 1601.1628 1707.907 1814.6512 1921.3953 2028.1395 2134.8837 2241.6279 2348.3721 2455.1163 2561.8605 2668.6047 2775.3488 2882.093 2988.8372 3095.5814 3202.3256 3309.0698 3415.814 3522.5581 3629.3023 3736.0465 3842.7907 3949.5349 4056.2791 4163.0233 4269.7674 4376.5116 4483.2558 4590

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, 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 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 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

Plugging Plan - Lovington San Andres Unit #38

API: 30-025-05423

Note:

- Injector well with internally lined plastic tubing
- Loc-set packer at 4511'

Proposed procedure - Lay down rig + CTU

- 1. Move in Axis 34 Lay Down rig package
- 2. N/U BOPE and pressure test same to 250 psi low for 5 minutes / 2500 psi high for 10 minutes.
- 3. Pull 2-3/8" IPC tubing w/ on/off tool
- 4. Gauge ring run will be required unless the packer is removed from the wellbore
- 5. RIH with CIBP and set at proposed depth in C-103 (4511')
- 6. Pressure test mech. barrier + casing to 500 psi for 15 minutes. Document results in WellView.
- 7. Conduct bubble tests on all annuli. If bubble test fails, communicate to coiled tubing WSR for planning purposes.
- 8. Rig down Axis 34 lay down rig

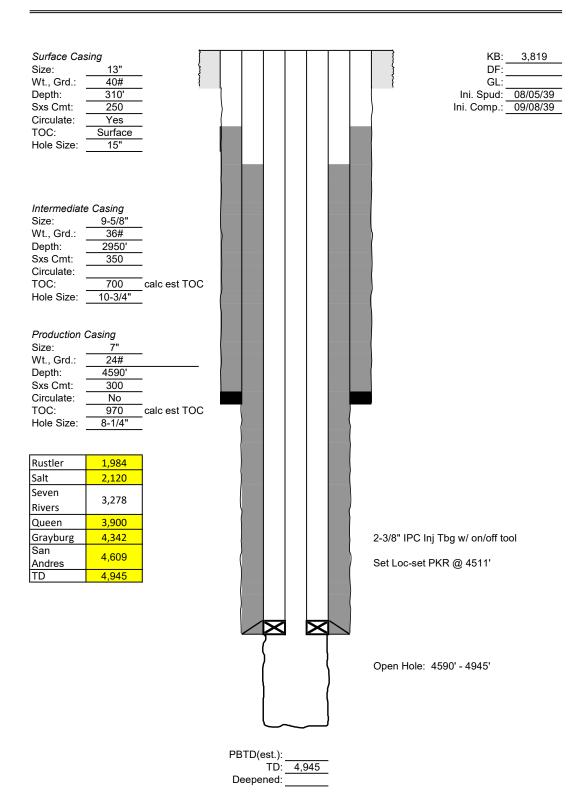
Proposed procedure - Coiled Tubing Unit

- 9. R/U coiled tubing P&A package
- 10. N/U BOPE and pressure test same to 250 psi low for 5 minutes / 2500 psi high for 10 minutes.
- 11. RIH with coiled tubing to tag existing mechanical barrier in wellbore
- 12. Spot 43 sacks Class C cement from 4511' to 4242'.
- 13. Spot 25 sacks Class C cement from 3900' to 3745'.
- 14. Spot 25 sacks Class C cement from 3000' to 2845'.
- 15. Spot 37 sacks Class C cement from 2120' to 1884'.
- 16. Conduct bubble test on 7" x 9-5/8", 9-5/8" x 13"
 - a. If bubble test fails, <u>consider</u> running CBL to confirm TOC (calculated at 970') and identify depth to perforate OR cut/pull casing
- 17. Perforate 7" and 9-5/8" strings with deep penetrating charges from 360'. Establish circulation to surface in both annuli if possible. Conduct bubble test and ensure it's passing prior to bringing cement to surface.
- 18. If bubble test fails, consider transitioning directly to casing cutting & pulling. Discuss forward plan with NMOCD engineer for approval.
 - a. Cut casing will require a stub plug 50' inside of cut casing extending 50' above the cut portion at a minimum. WOC, tag, pressure test barrier. Proceed with approved C-103 if passing bubble test is achieved.
- 19. Circulate 214 sacks Class C cement from 360' to 0' in all strings
- 20. Confirm cement returns at surface
- 21. Rig down move off location

6

Wellbore Diagram

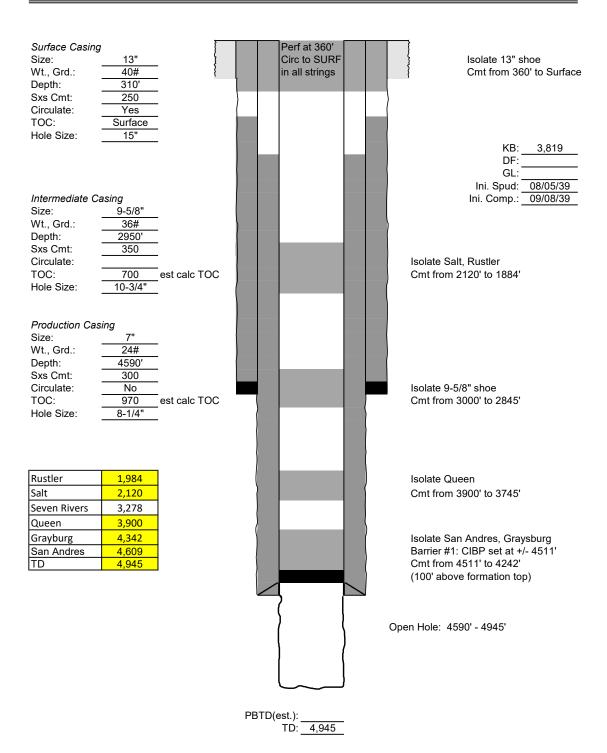
Created: Updated: Lease:	04/24/19 Lovingtor	By: By: n San Andres	Unit	Well #: API Unit Ltr.:	38 F	St. Lse: 30-025-05423 Section:
Field:	L	ovington		TSHP/Rng:		17S-37E
Surf. Loc.:	1650 FNL & 1980 FWL		VL VL	Unit Ltr.:		Section:
Bot. Loc.:				TSHP/Rng:		_
County:	Lea	St.:	NM	Directions:		Lovington, NM
Status:				Chevno:		FA6550



Proposed Wellbore Diagram

04/24/19 Created: By: Updated: By: Lease: Lovington San Andres Unit Field: Lovington Surf. Loc.: 1650 FNL & 1980 FWL Bot. Loc.: County: NM Lea St.: Status:

Well #: 38 St. Lse: API 30-025-05423 Unit Ltr.: Section: TSHP/Rng: 17S-37E Unit Ltr.: Section: TSHP/Rng: Directions: Lovington, NM FA6550 Chevno:



Deepened:

106.74419 213.48837 320.23256 426.97674 533.72093 640.46512 747.2093 853.95349 960.69767 1067.4419 1174.186 1280.9302 1387.6744 1494.4186 1601.1628 1707.907 1814.6512 1921.3953 2028.1395 2134.8837 2241.6279 2348.3721 2455.1163 2561.8605 2668.6047 2775.3488 2882.093 2988.8372 3095.5814 3202.3256 3309.0698 3415.814 3522.5581 3629.3023 3736.0465 3842.7907 3949.5349 4056.2791 4163.0233 4269.7674 4376.5116 4483.2558 4590

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

District II 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**

COMMENTS

Action 109441

COMMENTS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	109441
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

COMMENTS

(Created By		Comment Date
	plmartinez	DATA ENTRY PM	5/26/2022

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

District II 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 109441

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	109441
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	5/25/2022