ecersed his 1 Copy is Appropriate District	M State of N	New Mexico	Form C=103
Office District I – (575) 393-6161	Energy, Minerals a	and Natural Resources	Revised August 1, 2011
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERV	ATION DIVISION	30-005-63147
<u>District III</u> – (505) 334-6178	1220 South	St. Francis Dr.	5. Indicate Type of Lease STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460	Santa Fe.	, NM 87505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM	,	,	or state on a sus Bease 110.
87505	ICES AND REPORTS ON	WELLC	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPO			TWIN LAKES SAN ANDRES
DIFFERENT RESERVOIR. USE "APPLI			8. Well Number:
PROPOSALS.) 1. Type of Well: Oil Well	Gas Well Other		202
2. Name of Operator	das wen outer		9. OGRID Number
Chevron USA INC			371666 (Petrolia on record)
3. Address of Operator			10. Pool name or Wildcat
6301 DEAUVILLE BLVD., M	IIDLAND, TX 79706		[61570] Twin Lake; San Andres (assoc)
4. Well Location			
Unit Letter <u>M</u> : <u>1300</u>	feet from the <u>SOUT</u>	<u>H</u> line and1300_	feet from theWESTline
Section 36	Township 8S	Range 28E	NMPM County Chaves
		ether DR, RKB, RT, GR, etc	2.)
	3940' GR		
12. Check A	appropriate Box to Indi-	cate Nature of Notice,	Report or Other Data
NOTICE OF IN	NTENTION TO:	911	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	☐ REMEDIAL WO	
TEMPORARILY ABANDON	CHANGE PLANS	_	RILLING OPNS. P AND A
PULL OR ALTER CASING		☐ CASING/CEME	
DOWNHOLE COMMINGLE		5/ to to/ oz	
_			
OTHER:		U UIIILN.	oted for record – NMOCD gc 8/20/2021
	rk). SEE RULE 19.15.7.14		d give pertinent dates, including estimated date mpletions: Attach wellbore diagram of
Please see attached abandon	ment procedure		
Well was most recently trans	sferred to Petrolia En	ergy Corporation (og	grid# 371666) in 2017, but
Chevron/Noble was approach	hed by NMOCD rega	arding plugging liabil	lity (attached plan of action
highlights additional backgro	•		, I
inginigitis additional backgro	ina).		
	SEE CH	IANGES TO PRO	CEDURE
	OLL OI	MINOLO TO TINO	OLDONE
****SEE ATTACHED	COΔ's****	Must be	e plugged by 8/20/2022
_			
I hereby certify that the information a	ibove is true and complete t	to the best of my knowledg	e and belief.
	8/3/2021		
X Hayes Thibode	aux		
SIGNATURE Signed by: Hayes Thibode	TITLE_	Well Abandonment Er	ngineer DATE <u>8/3/2021</u>
_			
Type or print name Hayes Thibodean	<u>ux</u> PHONE: <u>281-726-9683</u>		
For State Use Only			
APPROVED BY:	TITLE	Staff Ma	nager _{DATE} 8/20/2021
Conditions of Approval (if any):	11122_	00 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

Released to Imaging: 8/23/2021 10:01:24 AM

Revision #: 1

Critical Well Notes

- Limited well files found on NMOCD database.
- Well type: OIL (ACTIVE)
- Latest records indicate that rods & pump in wellbore; no details available on size and depths
- Cement circulated to surface on primary 5-1/2" cement job

Procedure - Rig Only

- 1 Contact NMOCD at least 24 hrs prior to performing any work
- 2 MIRU pulling service rig
- 3 Check pressure on all casing strings. Verify no pressure and observe well for 15 minutes to verify no flow. Kill well with brine or mud as necessary.
 - 1 Bubble test all annuli for 30 minutes each and capture results in WellView under daily pressures tab.
- 4 N/U rod BOP's and begin L/D rod string & pump.
 - 1 Unknown size of rods. Plan to have equipment for various OD's.
- 5 N/U stump-tested BOPE.
 - 5k 7-1/16" Class II BOP and pressure test 250 psi low and 1000 psi, MASP, or max anticipated pressure (whichever is larger) high for 5 min each.
- 6 TOH with tubing string and L/D same.
 - 1 Unkown if packer or TAC is currently installed in wellbore
 - 2 If unable to pull tubing free, plan to MIRU wireline to run guage ring, CCL to confirm depth of TAC or packer
 - 3 Request variance from NMOCD to cut tubing above TAC/packer depth and L/D same
- 7 MIRU wireline and lubricator. Run gauge ring to planned set depth for CIBP per proposed schematic
- 8 POOH with gauge ring run. RIH with CIBP and set at proposed set depth. POOH with W/L.
- 9 TIH with pressure tested workstring and tag mechanical barrier
- 10 Pressure test CIBP, casing to 500 psi for 15 minutes
- 11 Proceed to pump cement per the cementing table below. Additional notes/considerations:
 - 1 If bubble test on prod csg annulus fails, discuss option to pump contingency cement prior to final plug to ensure leak is isolated. Discuss depths and volumes with engineer.
 - 2 Reports show cement was circulated to surface on primary 5-1/2" cement job. If bubble test is failing, plan to run CBL to identify any gaps in cement that would allow for cement squeeze, bio squeeze, etc.
- 12 Discuss with engineer any changes to proposed plan forward during execution

	Plug						
Summary Table	Base	Тор	Vo	olun	ne	Perf & Squeeze	Notes
Formation 1	2515	2315		25	X	NO	WOC & Tag
Formation 2	1912	1712		25	X 1	NO	
Formation 3	784	584		25	×	NO	
Formation 4	250	0			26	NO	
Total Sacks	89						
Total Perf & Squeeze		0					
Total Spot		4					

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 (Page 3 & 4), 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

R-111-P Area

T 18S - R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S - R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A-F. Sec 27 Unit A,B,C,F,G,H.

T 19S - R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S - R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S - R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S - R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S - R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S - R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S - R 30E

Sec 1 – Sec 36

T 21S - R 31E

Sec 1 – Sec 36

T 22S - R 28E

Sec 36 Unit A,H,I,P.

T 22S - R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S - R 30E

Sec 1 – Sec 36

T 22S - R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S - R 28E

Sec 1 Unit A

T 23S - R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S - R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S - R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S - R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S - R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S - R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

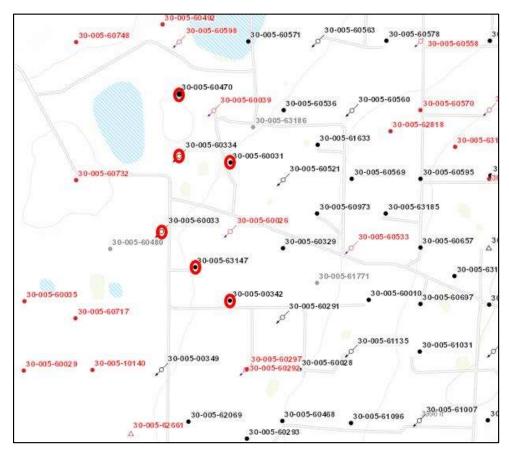
Twin Lakes Wells Action Plan

Background Info

In 1Q21 2021, Chevron and Noble were contacted by the NMSLO regarding the following wells in Chaves county, New Mexico.

Location Name	<u>API #</u>	Notified by NMSLO	Lease#	
Twin Lakes San Andres Unit #25	30-005-60334	Chevron	K0-6716-8	
Twin Lakes San Andres Unit #16	30-005-60470	Noble	K0-2803-8	
Twin Lakes San Andres Unit #26	30-005-60031	Noble	K0-2803-8	
Twin Lakes San Andres Unit #202	30-005-63147	Noble	OG-4681-11	
Twin Lakes San Andres Unit #45	30-005-00342	Noble	OG-4681-11	
Twin Lakes San Andres Unit #34	30-005-60033	Noble	OG-4681-11	

Map below of locations of these wells relative to one another, as shown on the NM EMNRD ArcGIS platform.



Completed work to date

Chevron and legacy Noble team have submitted Right of Entry permit requests for the locations in question to grant access. SLO has provided Chevron with contact of cowboy who runs the ranch the locations are situated on.

From: Biernoff, Ari abiernoff@slo.state.nm.us>

Sent: Thursday, April 08, 2021 12:15 PM

To: Verner, Frederick C < fredverner@chevron.com >

Cc: Marks, Allison amarks@slo.state.nm.us; Schindler, Alyssa ASchindler@chevron.com

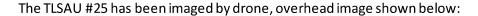
Subject: [**EXTERNAL**] RE: NMSLO Lease K0-6716-8

Fred- our field manager in the area advises, with respect to site access-

I just spoke with Ky Studdard, he is the cowboy that runs this portion of crossroads ranch and he said to have Chevron get in touch with him. Here is his number 575-626-6741

Hope this information helps.

Chevron field representatives have been in contact with the cowboy and accessed the locations to complete an initial visual site survey.





<u>Assessment Plan</u>

Chevron intends to complete initial site survey work for all locations in question. An environmental contractor has been engaged to complete an initial sampling plan to prepare for collection of composite samples to address regulatory requirements associated with any constituents of concerns in this region, with respect to water table depths.

Preliminary visual surveys have been completed of each location, and photo documentation of site statuses as of 5/26/2021 has been compiled.

Subsurface Work

The initial plan for each well based on current data is to fully plug and abandon the wells to state regulatory requirements. This will require a plugging plan to be submitted to, and approved by, the NMOCD prior to the commencement of plugging work which has the potential to incur schedule delays outside the control of the Operator. Barring substantial delays in administrative aspects, Chevron is targeting commencement of subsurface work on these wells in August 2021.

Following the successful plugging of each well, the wellheads will be cut and capped below grade per regulatory requirements.

Surface work

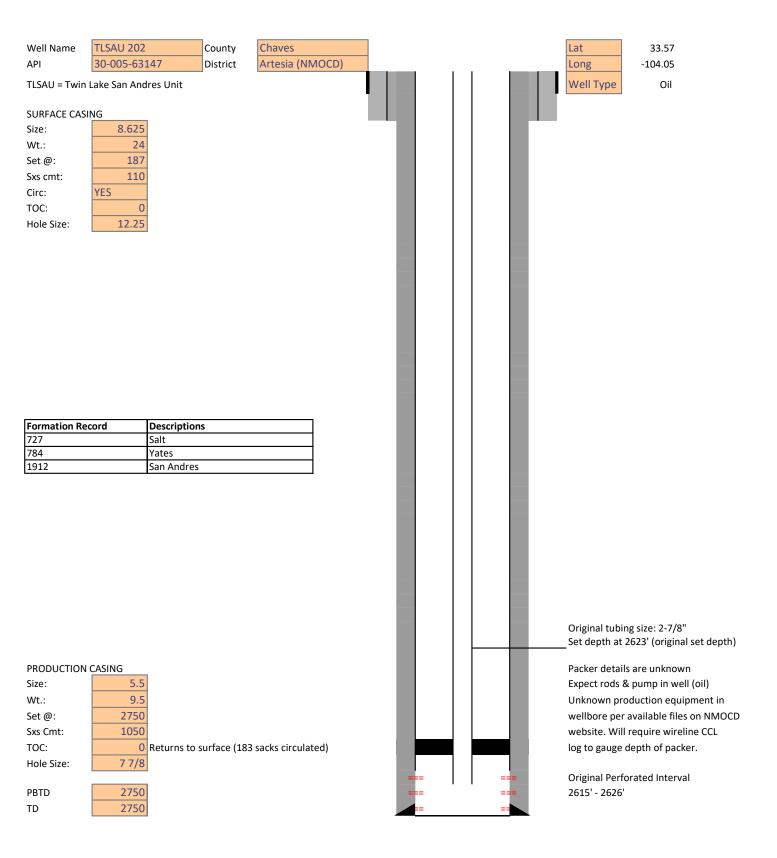
Following completion of plug and abandonment activities, locations will be reclaimed to NMOCD and NMSLO standards including removal of all surface facilities inclusive of pump jacks and flowlines, debris, concrete, caliche, and non-native material. Chevron's intent is to schedule reclamation execution in a cooler weather window and following with subsequent seeding efforts with an NMSLO recommended and approved seed mixture in the appropriate season for growth, pending moisture content in are a.

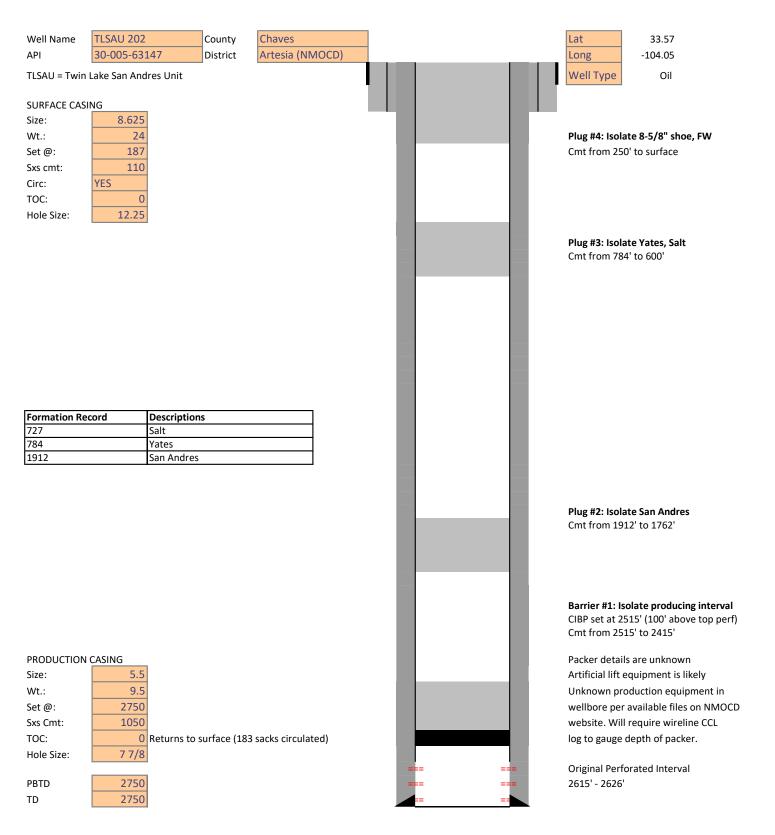
Site Closure

Chevron intends to submit NMOCD C-103 Final Abandonment Notices as a record of the completion of work and to indicate that the sites are considered fully abandoned. Chevron can provide a site representative to meet a NMSLO and/or NMOCD inspector(s) on locations to complete final site walk prior to or following C-103 submittal at the request of the agencies.

Relevant Chevron/Noble Contacts

<u>Name</u>	<u>Title</u>	Contact Email
Fred Verner	Regulatory Advisor	<u>fredverner@chevron.com</u>
Gene Choquette	Remediation Projects Specialist	gchoquette@chevron.com
Lee Smitherman	Land Representative	lee.smitherman@chevron.com
Derek Riffe	Land Representative	derek.riffe@chevron.com
Joe Naples	Senior Counsel	joenaples@chevron.com
Katherine Papageorge	Decommissioning Advisor	Katherine.papageorge@chevron.com





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 39765

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	39765
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date	
gcordero	None	8/20/2021	