office	M Sta	te of New Me	xico		Form C-103
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	Energy, Minerals and Natural Resources		WELL API NO. 30-025-03811	Revised July 18, 2013	
811 S. First St., Artesia, NM 88210 District III (505) 224 6178	OIL CONSERVATION DIVISION			5. Indicate Type	of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	1220	South St. Fran	1C1S Dr.	STATE	FEE
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	58	illa re, inivi o	505	6. State Oil & G	as Lease No.
SUNDRY NOTIO	ES AND REPOR	TS ON WELLS		7. Lease Name of	or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOS. DIFFERENT RESERVOIR. USE "APPLICA	ALS TO DRILL OR T ATION FOR PERMIT	O DEEPEN OR PLU " (FORM C-101) FO	JG BACK TO A DR SUCH	LOVINGTON	SAN ANDRES UNIT
1. Type of Well: Oil Well Gas Well 🔽 Other INJECTOR			8. Well Number	41	
2. Name of Operator CHEVRON MIDCONTINENT, L.F).			9. OGRID Num 241333	ber
3. Address of Operator				10. Pool name of	r Wildcat
6301 Deauville BLVD, Midla	nd TX 79706			[40580] LOVINGTO	N; GRAYBURG-SAN ANDRES
4. Well Location Unit Letter_G : 1	980 feet fro	m the NORTH	lline and _19	80 feet fro	om the EAST line
Section 01	Townsl	hip 17S Ra	inge 36E	NMPM	County LEA
	11. Elevation (Sh	now whether DR,	RKB, RT, GR, etc.)	
12. Check A	ppropriate Box	to Indicate N	ature of Notice,	Report or Other	Data
NOTICE OF INT	ENTION TO:		SUB	SEQUENT RE	PORT OF:
			CASING/CEMEN		
			C/ CINC/OLMEN		
CLOSED-LOOP SYSTEM					
OTHER:	tad amonationa (OTHER:	d aive nontinent det	as including estimated data
of starting any proposed wor proposed completion or reco	k). SEE RULE 19 mpletion.	9.15.7.14 NMAC	C. For Multiple Co	mpletions: Attach	wellbore diagram of
 MIRU lay-down rig and auxiliary e Pull packer and IPC tubing from v Establish mechanical barrier at 44 Pressures test casing + mech. ba Rig down lay-down rig MIRU coiled tubing unit RIH to tag mechanical barrier Spot 29 sacks Class C cement from the second secon	equipment vellbore 189' rrier om 4489' to 4200'. (S cks Class C cement sacks Class C cement sacks Class C cement empt to establish cir ent if injecting into 5 ent if limited to sque ueeze 173 sacks Class ce	San Andres, Grayb from 3862' to 3612 ent from 3246' to 28 culation or injectio -1/2" x 8-5/8" and 8 ezing 5-1/2" x 8-5/8 ass C cement from	urg) 2'. (Queen) 315'. (Seven Rivers, 8 5 in both from 1955' to 3-5/8" x 13" 3" only 364' to surface SEE AT	-5/8" shoe) 5 1755': FACHED COND I	TIONS
			OF APP	ROVAL	
Spud Date: 4" diameter 4' tall Al	oove Ground M	Rig Release Da larker	.te:		
I hereby certify that the information a	bove is true and c	omplete to the be	est of my knowledg	e and belief.	
SIGNATURE Hayes The	bodsauf	_ _{TITLE} Engir	ieer	D.	ATE 5/3/2022
Type or print name Hayes Thiboo	deaux	_ E-mail address	Hayes.Thibodeaux	@chevron.com PI	HONE: 281-726-9683
APPROVED BY:	Fortner	TITLE Com	pliance Officer A	DA	ATE 5/23/22
		575-	263-6633		

575-263-6633

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Plugging Plan – Lovington San Andres Unit #41

API: 30-025-03811

Note:

• Injection well with IPC tubing installed

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. Plan to set mechanical plug inside packer profile to form mechanical barrier at 4500'
 - a. Attempt to run gauge ring through IPC tubing to proposed set depth
 - b. If successful, plan to set cast iron tubing plug adjacent to packer
 - c. If unsuccessful, plan to release packer and TOH with IPC tubing, packer assembly
- 4. If packer was removed from wellbore, gauge ring run is not required
- 5. RIH with CIBP and set at proposed depth in C-103
- 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. Adjust forward plan as necessary to perforate and squeeze any intervals listed below with the approval of NMOCD.
- 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 29 sacks Class C cement from 4489' to 4200'. (San Andres, Grayburg)
- Perforate 5-1/2" at 3862'. Spot and squeeze total of 59 sacks Class C cement from 3862' to 3612'. (Queen)
- 14. Perforate 5-1/2" at 3246'. Spot and squeeze 101 sacks Class C cement from 3246' to 2815'. (Seven Rivers, 8-5/8" shoe)
- 15. Perforate 5-1/2" and 8-5/8" strings at 1955'. Attempt to establish injection / circulation in both strings. Cement barrier placed from 1955' to 1755' (Salt, Rustler).
 - a. If able to squeeze into both annuli (5-1/2" x 8-5/8", 8-5/8" x 11"): 95 sacks Class C cement
 - b. If able to squeeze is limited to 5-1/2" x 8-5/8": 47 sacks Class C cement
- 16. Conduct 30 minute bubble test in all annuli. Discuss contingency plan for additional perforation and squeezes or casing cut/pull. Confirm forward plan with NMOCD.
 - a. Contingency barrier from 1000' to 750' if bubble test failed
 - b. Perforate both the 5-1/2" and 8-5/8" casing strings at 1000'
 - c. 119 sacks Class C cement
 - d. WOC, tag, pressure test
- 17. Conduct bubble test in all annuli. If 5-1/2" x 8-5/8" or 8-5/8" x 11" consistently fails, plan to RDMOL coiled tubing unit and classify well as casing cut/pull candidate.
 - a. Receive approval from NMOCD for change to forward plan to cut & pull from tag depth.

- b. Add perforations to 8-5/8" casing as necessary to isolate leak path
- 18. Proceed to next job steps only after achieving passing bubble test
- 19. Perforate 5-1/2" and 8-5/8" at 364'. Establish circulation to surface. Circulate 173 sacks Class C cement from 364' to 0'.
- 20. Confirm cement returns at surface
- 21. Rig down move off location



Proposed Wellbore Diagram



H2S in Area



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

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Wellbore Diagram



PBTD(est.): TD: <u>4,903</u>

Proposed Wellbore Diagram



H2S in Area



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

District IV 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

Operator:	OGRID:	
CHEVRON U S A INC	4323	
6301 Deauville Blvd	Action Number:	
Midland, TX 79706	103864	
	Action Type:	
	[C-103] NOI Plug & Abandon (C-103F)	
COMMENTS		

Created By	Comment	Comment
		Date
plmartinez	DATA ENTRY PM	5/24/20

COMMENTS

Action 103864

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

District IV 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

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	103864
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	5/23/2022

Action 103864

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