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 July 18, 2013

WELL API NO. 30-025-03917

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: WEST LOVINGTON UNIT

1. Type of Well: Oil Well ☑ Gas Well ☐ Other

8. Well Number: 54

2. Name of Operator: CHEVRON MIDCONTINENT. L.P.

9. OGRID Number: 241333

3. Address of Operator: 6301 DEAUVILLE BLVD, MIDLAND TX 79706

10. Pool name or Wildcat: W. Lovington Upper San Andres

4. Well Location
Unit Letter E : 1980 feet from the NORTH line and 660 feet from the WEST line
Section 8 Township 17S Range 36E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: DF 3905

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	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

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.

Please see attached procdure for well abandonment details

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

Spud Date: | Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Hayes Thibodeaux TITLE Engineer DATE 12/1/2021

Type or print name Hayes Thibodeaux E-mail address: Hayes.thibodeaux@chevron.com PHONE: 281-726-9683

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 1/6/22

Conditions of Approval (if any):

575-263-6633

West Lovington Unit 54

Well P&A Short Procedure for wells with rods and tubing.

All cement plugs are based on 1.18 yield for Class H and 1.32 yield for Class C

Notes:

- Well records do not show cement circulation to surface in the production annulus. Estimated top using 1.06 yield Class H cement. Possibility no injection rate can be established through proposed perforations.
- Plan to perforate per procedure, but if there is sustained casing pressure plan to run a CBL and completely address annular leaks prior to isolating fresh water zones
- Perf the Yates, Salt Bottom, and Surface Shoe/Base of fresh water. If circulation in established must squeeze cement for each zone.

1. Install casing Riser on intermediate and surface casing.
    a. Follow the MCBU Ground Disturbance OE Standard before starting any excavations (One Call, Dig Plan)
    b. Paint the casing valves as follow

        Production: Blue

        Intermediate: White

        Surface: Yellow

2. Call and notify NMOCD 24 hrs. before operations begin.
3. MIRU pulling unit.
    a. Intrinsically safe fans and H2S scavenger required due to known H2S in the field.
4. Check well pressures, kill well as necessary following The Chevron Initial Well Kill Operating Guidelines.
    a. Bubble test should be at least 30 minutes and follow the bubble test SOP. On all casing annuli, if bubble test fails Chevron intends to cut and pull casing or eliminate SCP with another means after the well is plugged to a certain point agreed upon by the NMOCD and Chevron.
    b. Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
    c. Perform a final bubble test after cement has hardened at surface.
5. Attempt to pressure test tubing to at least 1,000 psi for 15 minutes or the highest pressure expected while plugging the well.
    a. If test passes, utilize tubing for work string.
    b. If test fails, pick up a work string provided by Chevron.
6. Install hydraulic rod BOP and function test.
7. Pull and lay down rods.
    a. If paraffin is encountered or rods are stuck contact engineer.
8. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test, 250 psi low and 1,000 psi or MASP (per Chevron operating guidelines) for 5 minutes each.
    a. On a chart, no bleed off allotted.

   b. Contact engineer if unable to unset TAC, do not shear TAC without the BOP N/U first to mitigate any risks of well control events.
9. If tubing pressure tested, stand back pipe. If it failed, lay down and prepare to run a work string.
10. MIRU wireline and lubricator.
11. Pressure test lubricator to 500 psi or MASP (whichever is larger) for 10 minutes.
    a. If MASP is greater than 1,000 psi, contact the engineer to discuss running grease injection.
12. Run and set CIBP within 100' of top perforation or as per approved C-103.
    a. Skip gauge run if TAC pulled freely past setting depth.
13. Fill well with fresh water and pressure test casing to 500 psi for 15 minutes if no P&S required or 1,000 psi for 15 minutes if P&S required.
    a. 5% bleed off allotted.
    b. Contact the engineer if pressure test fails, document test results.
14. Perform 30-minute bubble test on all casing strings. Record results to meet the barrier standard intent. Adjust forward plan as necessary to address SCP.
15. TIH and tag CIBP.
16. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first Perf and Squeezes. If casing pressure test failed in step 13., Chevron requires all casing holes/damage to be covered with cement.
17. Spot 95 sacks Class C cement from 4630' to 3728' (San Andres, Grayburg, Queen).
    a. Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
18. Spot 25 sacks Class C cement from 3055' to 2815' (Yates).
19. Contingency perforation at 2088'.
    a. If able to get injection rate, ppot and squeeze 120 sacks Class C cement from 2088' to 1802' (Salt, Rustler, Intermediate Shoe).
    b. If unable to establish injection rate, notify NMOCD and discuss spotting balanced plug across perforated interval.
20. Perform 30-minute bubble test on surface, intermediate, and production casings. Record results to meet the barrier standard intent.
21. If experiencing sustained casing pressure, plan to add contingency perf & squeeze just above prior cement plug or consider cutting & pulling 5-1/2"
22. Contingency perforations at 303' in both 5-1/2" & 8-5/8" casing strings. Attempt to establish circulation in both annuli (isolate Fresh Water zone at +/-100' and surface shoe).
    a. If able to circulate in both annuli, circulate 196 sacks Class C cement to surface
23. While RDMO, perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent.
24. 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.

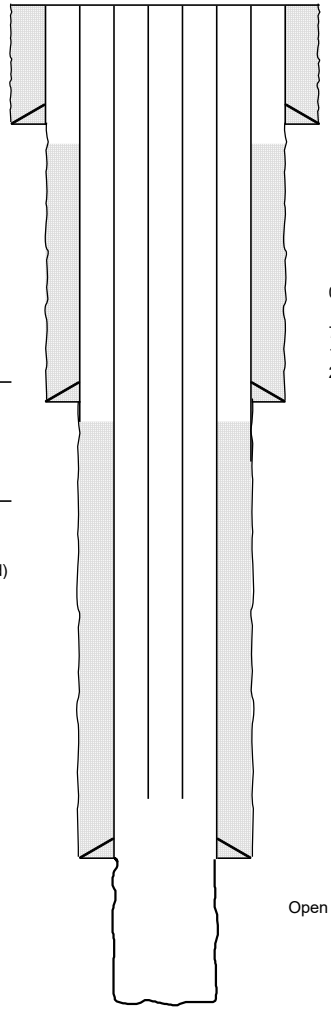
Wellbore Diagram

Created:	04/25/19	By:	Well #:	54	St. Lse:
Updated:		By:	API	30-025-03917	
Lease:	West Lovington Unit		Unit Ltr.:	E	Section: 8
Field:	West Lovington Unit		TSHP/Rng:	17S-36E	
Surf. Loc.:	1980 FNL & 660 FWL		Unit Ltr.:		Section:
Bot. Loc.:			TSHP/Rng:		
County:	Lea	St.: NM	Directions:	Lovington, NM	
Status:			Chevno:	FA5064	

Surface Casing
Size: 13-3/8"
Wt., Grd.: 32.3#
Depth: 253'
Sxs Cmt: 250
Circulate: Yes
TOC: Surface
Hole Size: 17-1/4"

Intermediate Casing
Size: 8-5/8"
Wt., Grd.: 28#
Depth: 1950'
Sxs Cmt: 400
Circulate: No
TOC: 282 (est. w/ 1.06 yield)
Hole Size: 11"

Production Casing
Size: 5-1/2"
Wt., Grd.: 14#
Depth: 4730'
Sxs Cmt: 450
Circulate: No
TOC: 2000 (est. w/ 1.06 yield)
Hole Size: 7-7/8"



KB:
DF: 3,905
GL:
Ini. Spud: 01/14/48
Ini. Comp.: 02/19/48

0.0452782 bbl/ft
424 cu. Ft
75.517401 bbls
1667.8536 ft
282.14643 TOC est.

Open Hole: 4730' - 5100'

PBTD (est.):
TD: 5,100
Deepened:

Tubing String	Tubing - OD 2.375	J-55 2.375 OD/ 4.70# T&C External Upset 1.995 ID 1.901 Drift	143	4638.35	8.00	4646.35
Tubing String	Tubing Sub - OD 2.375	J-55 2.375 OD/4.70# 1.995 ID 1.901 Drift	1	4.00	4646.35	4650.35
Tubing String	Tubing - OD 2.375	J-55 2.375 OD/4.70# 1.995 ID 1.901 Drift	2	65.74	4650.35	4716.09
Tubing String	Tubing Anchor/Catcher	Tubing Anchor/Catcher 5.500	1	3.00	4716.09	4719.09
Tubing String	Tubing - OD 2.375	J-55 2.375 OD/4.70# 1.995 ID 1.901 Drift - Integral 511 NUE	6	196.50	4719.09	4915.59
Tubing String	Tubing - OD 2.375	Tubing - OD 2.375 - TK IPC	2	62.27	4915.59	4977.86
Tubing String	Seat Nipple / Shoe	Seat Nipple - Heavy Duty (2.375) Cup Type	1	1.00	4977.86	4978.86
Tubing String	Perforated Tubing Sub DELETE IN 23	Perforated Tubing Sub 2.375	1	4.00	4978.86	4982.86
Tubing String	Bull Plug (Tubing)	Mud Anchor- N/A	1	33.06	4982.86	5015.92
Rod String	Polished Rod	1.500 (1 1/2 in.) Spray Metal x 26 - Spray Metal	1	26.00	8.00	34.00
Rod String	Rod (Sub)	Rod Sub Group Total Length 22 feet	1	22.00	34.00	56.00
Rod String	Rod	Rod Standard D (D) 0.875 x 25 0.875 API Pin	2	50.00	56.00	106.00
Rod String	Rod	Rod Standard FG (Fiberglass) Fiberglass 1.000 x 38 0.875 API Pin	76	2850.00	106.00	2956.00
Rod String	Rod	Rod Standard D (D) 0.875 x 25 0.875 API Pin	66	1650.00	2956.00	4606.00
Rod String	Rod (Sinker Bar)	Rod (Sinker Bar) Standard C (C) 1.250 x 25 1.250 API Pin	13	325.00	4606.00	4931.00
Rod String	On-Off Tool (Rod)	On-Off Tool (0.750)	1	1.00	4931.00	4932.00
Rod String	Rod (Sub)	Stabilizer Bar Standard Unknown Grade 0.875 x 3 0.875 API Pin	1	3.33	4932.00	4935.33
Rod String	Rod Pump (Insert) (NON-SERIALIZED)	Rod Pump (Insert) (NON-SERIALIZED) - 20-150-RHBC-20-5 (Bore = 1.50)	1	20.00	4935.33	4955.33

Proposed Wellbore Diagram

Created:	04/25/19	By:	Well #:	54	St. Lse:
Updated:		By:	API	30-025-03917	
Lease:	West Lovington Unit		Unit Ltr.:	E	Section: 8
Field:	West Lovington Unit		TSHP/Rng:	17S-36E	
Surf. Loc.:	1980 FNL & 660 FWL		Unit Ltr.:		Section:
Bot. Loc.:			TSHP/Rng:		
County:	Lea	St.: NM	Directions:	Lovington, NM	
Status:			Chevno:	FA5064	

Surface Casing

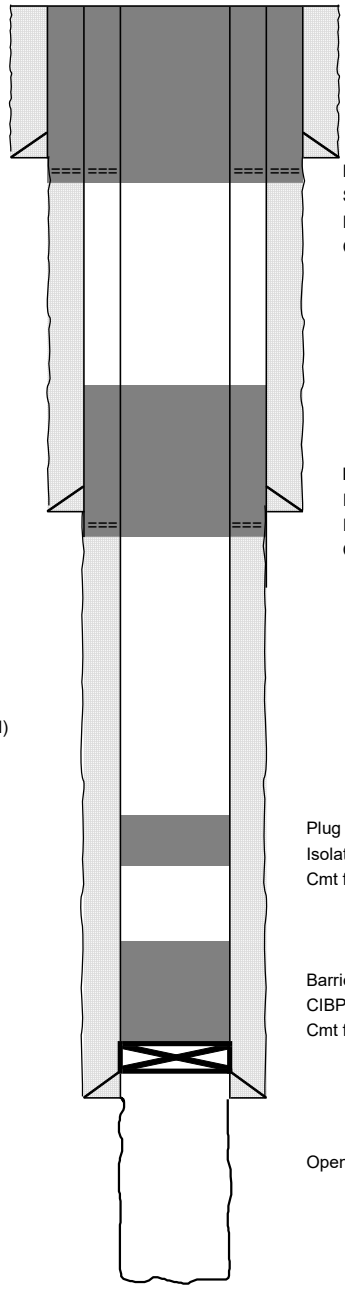
Size:	13-3/8"
Wt., Grd.:	32.3#
Depth:	253'
Sxs Cmt:	250
Circulate:	Yes
TOC:	Surface
Hole Size:	17-1/4"

Intermediate Casing

Size:	8-5/8"
Wt., Grd.:	28#
Depth:	1950'
Sxs Cmt:	400
Circulate:	No
TOC:	282 (est. w/ 1.06 yield)
Hole Size:	11"

Production Casing

Size:	5-1/2"
Wt., Grd.:	14#
Depth:	4730'
Sxs Cmt:	450
Circulate:	No
TOC:	2000 (est. w/ 1.06 yield)
Hole Size:	7-7/8"



KB:
DF: 3,905
GL:
Ini. Spud: 01/14/48
Ini. Comp.: 02/19/48

Plug #4
Surface Shoe,
Fresh Water Zone +/- 100'
Cmt from 303' to Surface

Plug #3
Isolate Salt Top, Rustler
Intermediate Shoe
Cmt from 2088' to 1588'

Plug #2
Isolate Yates, Salt Bottom,
Cmt from 3055' to 2814'

Barrier #1: Isolate San Andres, Grayburg, Queen
CIBP set at +/- 4630'
Cmt from 4630' to 3728'

Open Hole: 4730' - 5100'

PBTD (est.):
TD: 5,100
Deepened:

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 5O' 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 5O' 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

West Lovington Unit 54

Well P&A Short Procedure for wells with rods and tubing.

All cement plugs are based on 1.18 yield for Class H and 1.32 yield for Class C

Notes:

- Well records do not show cement circulation to surface in the production annulus. Estimated top using 1.06 yield Class H cement. Possibility no injection rate can be established through proposed perforations.
- Plan to perforate per procedure, but if there is sustained casing pressure plan to run a CBL and completely address annular leaks prior to isolating fresh water zones
- Perf the Yates, Salt Bottom, and Surface Shoe/Base of fresh water. If circulation in established must squeeze cement for each zone.

1. Install casing Riser on intermediate and surface casing.
    a. Follow the MCBU Ground Disturbance OE Standard before starting any excavations (One Call, Dig Plan)
    b. Paint the casing valves as follow

        Production: Blue

        Intermediate: White

        Surface: Yellow

2. Call and notify NMOCD 24 hrs. before operations begin.
3. MIRU pulling unit.
    a. Intrinsically safe fans and H2S scavenger required due to known H2S in the field.
4. Check well pressures, kill well as necessary following The Chevron Initial Well Kill Operating Guidelines.
    a. Bubble test should be at least 30 minutes and follow the bubble test SOP. On all casing annuli, if bubble test fails Chevron intends to cut and pull casing or eliminate SCP with another means after the well is plugged to a certain point agreed upon by the NMOCD and Chevron.
    b. Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
    c. Perform a final bubble test after cement has hardened at surface.
5. Attempt to pressure test tubing to at least 1,000 psi for 15 minutes or the highest pressure expected while plugging the well.
    a. If test passes, utilize tubing for work string.
    b. If test fails, pick up a work string provided by Chevron.
6. Install hydraulic rod BOP and function test.
7. Pull and lay down rods.
    a. If paraffin is encountered or rods are stuck contact engineer.
8. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test, 250 psi low and 1,000 psi or MASP (per Chevron operating guidelines) for 5 minutes each.
    a. On a chart, no bleed off allotted.

   b. Contact engineer if unable to unset TAC, do not shear TAC without the BOP N/U first to mitigate any risks of well control events.
9. If tubing pressure tested, stand back pipe. If it failed, lay down and prepare to run a work string.
10. MIRU wireline and lubricator.
11. Pressure test lubricator to 500 psi or MASP (whichever is larger) for 10 minutes.
    a. If MASP is greater than 1,000 psi, contact the engineer to discuss running grease injection.
12. Run and set CIBP within 100' of top perforation or as per approved C-103.
    a. Skip gauge run if TAC pulled freely past setting depth.
13. Fill well with fresh water and pressure test casing to 500 psi for 15 minutes if no P&S required or 1,000 psi for 15 minutes if P&S required.
    a. 5% bleed off allotted.
    b. Contact the engineer if pressure test fails, document test results.
14. Perform 30-minute bubble test on all casing strings. Record results to meet the barrier standard intent. Adjust forward plan as necessary to address SCP.
15. TIH and tag CIBP.
16. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first Perf and Squeezes. If casing pressure test failed in step 13., Chevron requires all casing holes/damage to be covered with cement.
17. Spot 95 sacks Class C cement from 4630' to 3728' (San Andres, Grayburg, Queen).
    a. Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
18. Spot 25 sacks Class C cement from 3055' to 2815' (Yates).
19. Contingency perforation at 2088'.
    a. If able to get injection rate, ppot and squeeze 120 sacks Class C cement from 2088' to 1802' (Salt, Rustler, Intermediate Shoe).
    b. If unable to establish injection rate, notify NMOCD and discuss spotting balanced plug across perforated interval.
20. Perform 30-minute bubble test on surface, intermediate, and production casings. Record results to meet the barrier standard intent.
21. If experiencing sustained casing pressure, plan to add contingency perf & squeeze just above prior cement plug or consider cutting & pulling 5-1/2"
22. Contingency perforations at 303' in both 5-1/2" & 8-5/8" casing strings. Attempt to establish circulation in both annuli (isolate Fresh Water zone at +/-100' and surface shoe).
    a. If able to circulate in both annuli, circulate 196 sacks Class C cement to surface
23. While RDMO, perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent.
24. 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.

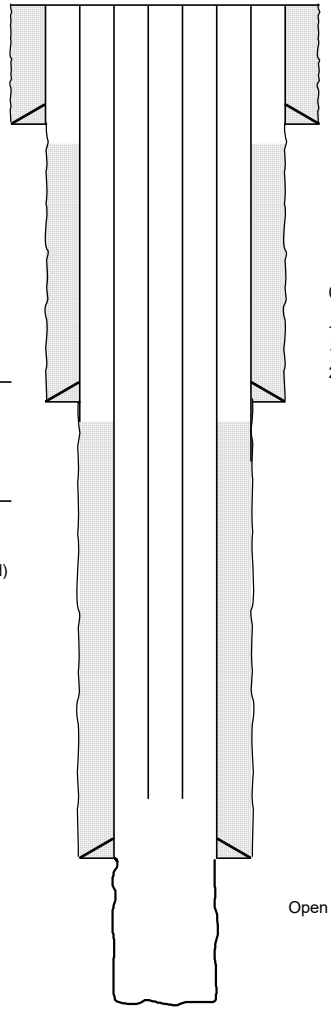
Wellbore Diagram

Created:	04/25/19 By:	Well #:	54 St. Lse:
Updated:	By:	API	30-025-03917
Lease:	West Lovington Unit	Unit Ltr.:	E Section: 8
Field:	West Lovington Unit	TSHP/Rng:	17S-36E
Surf. Loc.:	1980 FNL & 660 FWL	Unit Ltr.:	Section:
Bot. Loc.:		TSHP/Rng:	
County:	Lea St.: NM	Directions:	Lovington, NM
Status:		Chevno:	FA5064

Surface Casing
Size: 13-3/8"
Wt., Grd.: 32.3#
Depth: 253'
Sxs Cmt: 250
Circulate: Yes
TOC: Surface
Hole Size: 17-1/4"

Intermediate Casing
Size: 8-5/8"
Wt., Grd.: 28#
Depth: 1950'
Sxs Cmt: 400
Circulate: No
TOC: 282 (est. w/ 1.06 yield)
Hole Size: 11"

Production Casing
Size: 5-1/2"
Wt., Grd.: 14#
Depth: 4730'
Sxs Cmt: 450
Circulate: No
TOC: 2000 (est. w/ 1.06 yield)
Hole Size: 7-7/8"



KB:
DF: 3,905
GL:
Ini. Spud: 01/14/48
Ini. Comp.: 02/19/48

0.0452782 bbl/ft
424 cu. Ft
75.517401 bbls
1667.8536 ft
282.14643 TOC est.

Open Hole: 4730' - 5100'

PBTD (est.):
TD: 5,100
Deepened:

Tubing String	Tubing - OD 2.375	J-55 2.375 OD/ 4.70# T&C External Upset 1.995 ID 1.901 Drift	143	4638.35	8.00	4646.35
Tubing String	Tubing Sub - OD 2.375	J-55 2.375 OD/4.70# 1.995 ID 1.901 Drift	1	4.00	4646.35	4650.35
Tubing String	Tubing - OD 2.375	J-55 2.375 OD/4.70# 1.995 ID 1.901 Drift	2	65.74	4650.35	4716.09
Tubing String	Tubing Anchor/Catcher	Tubing Anchor/Catcher 5.500	1	3.00	4716.09	4719.09
Tubing String	Tubing - OD 2.375	J-55 2.375 OD/4.70# 1.995 ID 1.901 Drift - Integral 511 NUE	6	196.50	4719.09	4915.59
Tubing String	Tubing - OD 2.375	Tubing - OD 2.375 - TK IPC	2	62.27	4915.59	4977.86
Tubing String	Seat Nipple / Shoe	Seat Nipple - Heavy Duty (2.375) Cup Type	1	1.00	4977.86	4978.86
Tubing String	Perforated Tubing Sub DELETE IN 23	Perforated Tubing Sub 2.375	1	4.00	4978.86	4982.86
Tubing String	Bull Plug (Tubing)	Mud Anchor- N/A	1	33.06	4982.86	5015.92
Rod String	Polished Rod	1.500 (1 1/2 in.) Spray Metal x 26 - Spray Metal	1	26.00	8.00	34.00
Rod String	Rod (Sub)	Rod Sub Group Total Length 22 feet	1	22.00	34.00	56.00
Rod String	Rod	Rod Standard D (D) 0.875 x 25 0.875 API Pin	2	50.00	56.00	106.00
Rod String	Rod	Rod Standard FG (Fiberglass) Fiberglass 1.000 x 38 0.875 API Pin	76	2850.00	106.00	2956.00
Rod String	Rod	Rod Standard D (D) 0.875 x 25 0.875 API Pin	66	1650.00	2956.00	4606.00
Rod String	Rod (Sinker Bar)	Rod (Sinker Bar) Standard C (C) 1.250 x 25 1.250 API Pin	13	325.00	4606.00	4931.00
Rod String	On-Off Tool (Rod)	On-Off Tool (0.750)	1	1.00	4931.00	4932.00
Rod String	Rod (Sub)	Stabilizer Bar Standard Unknown Grade 0.875 x 3 0.875 API Pin	1	3.33	4932.00	4935.33
Rod String	Rod Pump (Insert) (NON-SERIALIZED)	Rod Pump (Insert) (NON-SERIALIZED) - 20-150-RHBC-20-5 (Bore = 1.50)	1	20.00	4935.33	4955.33

Proposed Wellbore Diagram

Created:	04/25/19	By:		Well #:	54	St. Lse:	
Updated:		By:		API	30-025-03917		
Lease:	West Lovington Unit			Unit Ltr.:	E	Section:	8
Field:	West Lovington Unit			TSHP/Rng:	17S-36E		
Surf. Loc.:	1980 FNL & 660 FWL			Unit Ltr.:		Section:	
Bot. Loc.:				TSHP/Rng:			
County:	Lea	St.:	NM	Directions:	Lovington, NM		
Status:				Chevno:	FA5064		

Surface Casing

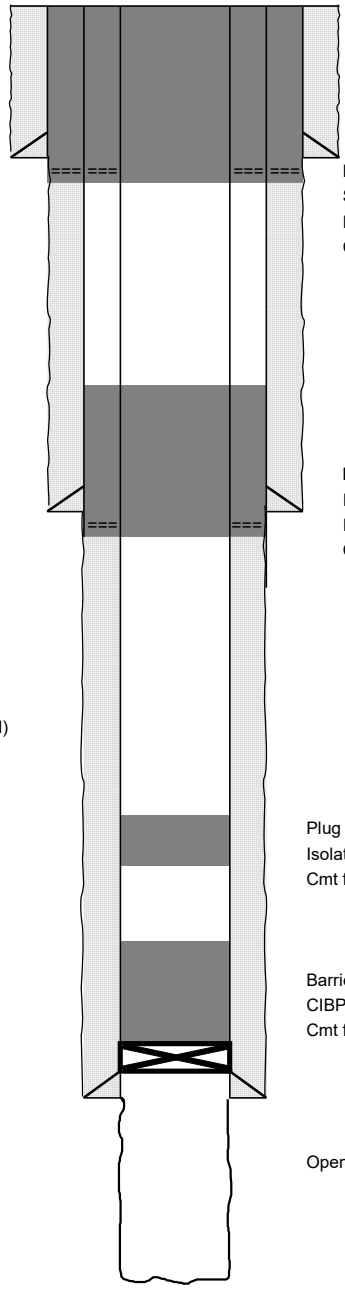
Size:	13-3/8"
Wt., Grd.:	32.3#
Depth:	253'
Sxs Cmt:	250
Circulate:	Yes
TOC:	Surface
Hole Size:	17-1/4"

Intermediate Casing

Size:	8-5/8"
Wt., Grd.:	28#
Depth:	1950'
Sxs Cmt:	400
Circulate:	No
TOC:	282 (est. w/ 1.06 yield)
Hole Size:	11"

Production Casing

Size:	5-1/2"
Wt., Grd.:	14#
Depth:	4730'
Sxs Cmt:	450
Circulate:	No
TOC:	2000 (est. w/ 1.06 yield)
Hole Size:	7-7/8"



KB:	
DF:	3,905
GL:	
Ini. Spud:	01/14/48
Ini. Comp.:	02/19/48

Plug #4
Surface Shoe,
Fresh Water Zone +/- 100'
Cmt from 303' to Surface

Plug #3
Isolate Salt Top, Rustler
Intermediate Shoe
Cmt from 2088' to 1588'

Plug #2
Isolate Yates, Salt Bottom,
Cmt from 3055' to 2814'

Barrier #1: Isolate San Andres, Grayburg, Queen
CIBP set at +/- 4630'
Cmt from 4630' to 3728'

Open Hole: 4730' - 5100'

PBTD (est.):	
TD:	5,100
Deepened:	

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

Action 64565

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 64565
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached conditions of approval	1/6/2022