

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

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-025-03810
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Lovington San Andres Unit
8. Well Number 47
9. OGRID Number 241333
10. Pool name or Wildcat Lovington Grayburg SA

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injector	
2. Name of Operator Chevron Midcontinent, L.P.	
3. Address of Operator 6301 Deauville Blvd Midland, Texas 79706	
4. Well Location Unit Letter K ; 1980 feet from the South line and 1980 feet from the West line Section 1 Township 17 S Range 36 E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
--	---

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 procedure 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 5/23/2022

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 5/25/22
 Conditions of Approval (if any): 575-263-6633

Plugging Plan – Lovington San Andres Unit #47

API: 30-025-03810

Note:

- Injector well with internally lined plastic tubing
- Baker AD-1 packer at 4467'

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
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 (4467')
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 25 sacks Class C cement from 4467' to 4207'.
13. Spot 25 sacks Class C cement from 3876' to 3616'.
14. Perforate and Squeeze 25 sacks Class C cement from 3154' to 3044'.
15. Perforate and Squeeze 44 sacks Class C cement from 2028' to 1836'.
16. Conduct bubble test on 7" x 9-5/8", 9-5/8" x 13"
 - a. If any bubble test fails, consider running CBL to confirm TOC (calculated at 3545') and identify additional depths to perf/squeeze OR cut/pull casing
17. Perforate 7" and 9-5/8" strings with deep penetrating charges from 350'. 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. Perforate and circulate 200 sacks Class C cement from 350' to 0' in all strings
20. Confirm cement returns at surface
21. Rig down move off location

CURRENT
WELLBORE DIAGRAM
LSAU 47

Created: 8/25/2008
Updated: 9/9/2008
Lease: Lovington San Andres
Surf Location: 1980' FSL & 1980' FWL
BH Location: _____
County: Lea
Current Status: Active Water Injector
State: NM

By: da Silva
By: CAYN
CHEVNO: FA4957
KB: _____
DF: 3836'
GL: _____

Field: Lovington
Well No.: 47
Twp/Rng: 17S 36E
Unit Ltr & Section: K/1
API: 30-025-03810
Original Spud Date: 6/3/1939
Original Compl. Date: _____
Formation: Grayburg/San Andres

Surface Csg.

Size: 13"
Wt.: 50#/ft
Set @: 297'
Sxs cmt: 250
Circ: YES
TOC: _____
Hole Size: 17-1/2"

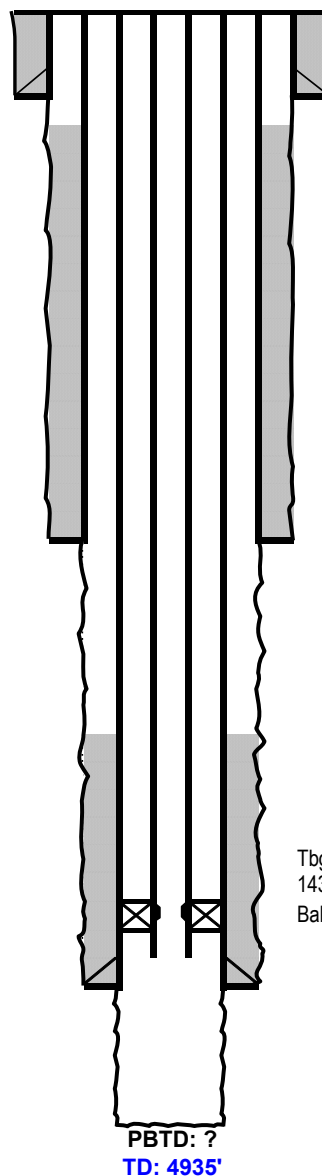
Intermediate Csg. ("Salt String")

Size: 8-5/8"
Wt.: 32#/ft
Set @: 3104'
Sxs Cmt: 500
Circ: NO
TOC: 628' **CALC**
Hole Size: 11"

Production Csg. ("Oil String")

Size: 5-1/2"
Wt.: 17#
Set @: 4620'
Sxs Cmt: 150
Circ: _____
TOC: 3545' **CALC**
Hole Size: 7-7/8"

Open Hole: 4620-4944'
Size: _____



Tbg String Details:
143 Jts of 2-3/8" IPC Inj Tbg
Baker AD-1 PKR w/ on/off tool @ 4467'

CURRENT
WELLBORE DIAGRAM
LSAU 47

Created: <u>8/25/2008</u>	By: <u>da Silva</u>	Field:
Updated: <u>9/9/2008</u>	By: <u>CAYN</u>	Well No.:
Lease: <u>Lovington San Andres</u>	CHEVNO: <u>FA4957</u>	Twp/Rng:
Surf Location: <u>1980' FSL & 1980' FWL</u>		Unit Ltr & Section
BH Location:		API:
County: <u>Lea</u>	KB:	Original Spud Dat
Current Status: <u>Active Water Injector</u>	DF: <u>3836'</u>	Original Compl. D
State: <u>NM</u>	GL:	Formation:

Surface Csg.

Size: 13"

Wt.: 50#/ft

Set @: 297'

Sxs cmt: 250

Circ: YES

TOC:

Hole Size: 17-1/2"

Intermediate Csg. ("Salt String")

Size: 8-5/8"

Wt.: 32#/ft

Set @: 3104'

Sxs Cmt: 500

Circ: NO

TOC: 628' CALC

Hole Size: 11"

Production Csg. ("Oil String")

Size: 5-1/2"

Wt.: 17#

Set @: 4620'

Sxs Cmt: 150

Circ:

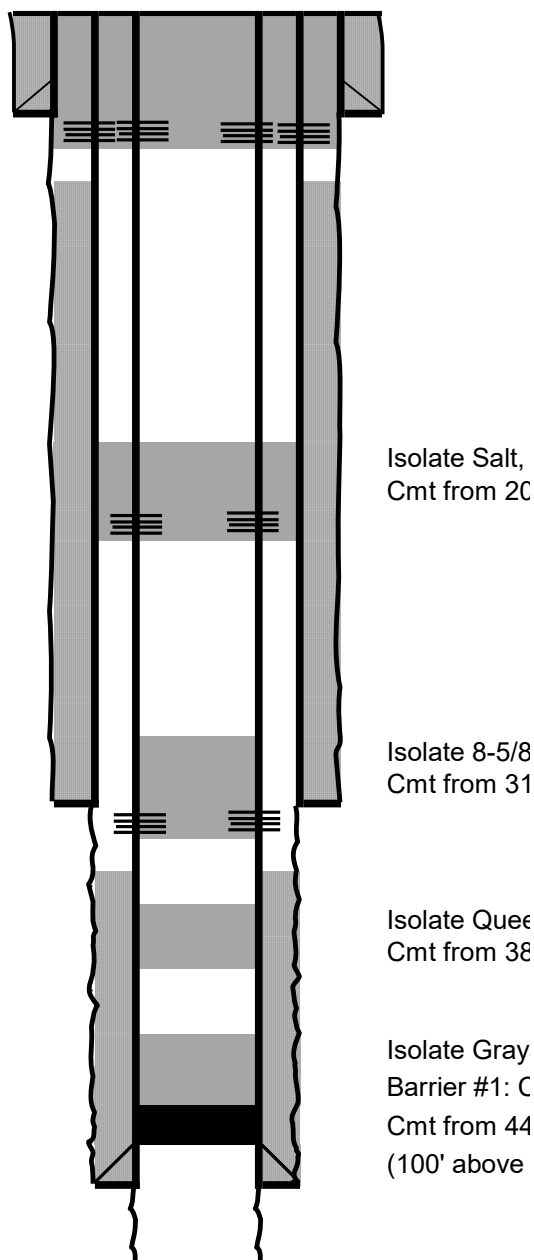
TOC: 3545' CALC

Hole Size: 7-7/8"

Open Hole: 4620-4944'

Size:

Rustler	1,936	
Salt	2,028	
Tansil	2,870	
Seven Rivers	3,259	
Queen	3,876	



Grayburg	4,327	
San Andres	4,550	
TD	4,944	



PBTD: ?

TD: 4935'

Lovington
 47
 17S 36E
 K/1
 30-025-03810
 6/3/1939
 e:
 ate:
 Grayburg/San Andres

Isolate 13" shoe	132
Cmt from 350' to surf	264
	396
	528
	660
	792
	924
	1056
	1188
	1320
	1452
	1584
	1716
Rustler	1848
128' to 1836'	1980
	2112
	2244
	2376
	2508
	2640
	2772
	2904
13" shoe	3036
154' to 3044'	3168
	3300
	3432
	3564
en	3696
176' to 3616'	3828
	3960
	4092
sburg	4224
1BP set at +/-4467'	4356
167' to 4207'	4488
Graysburg)	4620

**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 REQUIREMENTS

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 #47

API: 30-025-03810

Note:

- Injector well with internally lined plastic tubing
- Baker AD-1 packer at 4467'

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
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 (4467')
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 25 sacks Class C cement from 4467' to 4207'.
13. Spot 25 sacks Class C cement from 3876' to 3616'.
14. Perforate and Squeeze 25 sacks Class C cement from 3154' to 3044'.
15. Perforate and Squeeze 44 sacks Class C cement from 2028' to 1836'.
16. Conduct bubble test on 7" x 9-5/8", 9-5/8" x 13"
 - a. If any bubble test fails, consider running CBL to confirm TOC (calculated at 3545') and identify additional depths to perf/squeeze OR cut/pull casing
17. Perforate 7" and 9-5/8" strings with deep penetrating charges from 350'. 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. Perforate and circulate 200 sacks Class C cement from 350' to 0' in all strings
20. Confirm cement returns at surface
21. Rig down move off location

CURRENT
WELLBORE DIAGRAM
LSAU 47

Created: 8/25/2008
Updated: 9/9/2008
Lease: Lovington San Andres
Surf Location: 1980' FSL & 1980' FWL
BH Location: _____
County: Lea
Current Status: Active Water Injector
State: NM

By: da Silva
By: CAYN
CHEVNO: FA4957
KB: _____
DF: 3836'
GL: _____

Field: Lovington
Well No.: 47
Twp/Rng: 17S 36E
Unit Ltr & Section: K/1
API: 30-025-03810
Original Spud Date: 6/3/1939
Original Compl. Date: _____
Formation: Grayburg/San Andres

Surface Csg.

Size: 13"
Wt.: 50#/ft
Set @: 297'
Sxs cmt: 250
Circ: YES
TOC: _____
Hole Size: 17-1/2"

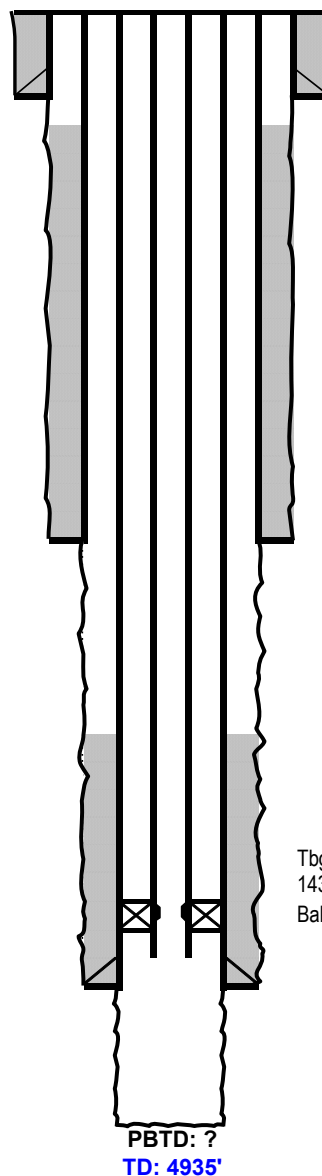
Intermediate Csg. ("Salt String")

Size: 8-5/8"
Wt.: 32#/ft
Set @: 3104'
Sxs Cmt: 500
Circ: NO
TOC: 628' **CALC**
Hole Size: 11"

Production Csg. ("Oil String")

Size: 5-1/2"
Wt.: 17#
Set @: 4620'
Sxs Cmt: 150
Circ: _____
TOC: 3545' **CALC**
Hole Size: 7-7/8"

Open Hole: 4620-4944'
Size: _____



Tbg String Details:
143 Jts of 2-3/8" IPC Inj Tbg
Baker AD-1 PKR w/ on/off tool @ 4467'

CURRENT
WELLBORE DIAGRAM
LSAU 47

Created: <u>8/25/2008</u>	By: <u>da Silva</u>	Field:
Updated: <u>9/9/2008</u>	By: <u>CAYN</u>	Well No.:
Lease: <u>Lovington San Andres</u>	CHEVNO: <u>FA4957</u>	Twp/Rng:
Surf Location: <u>1980' FSL & 1980' FWL</u>		Unit Ltr & Section
BH Location:		API:
County: <u>Lea</u>	KB:	Original Spud Dat
Current Status: <u>Active Water Injector</u>	DF: <u>3836'</u>	Original Compl. D
State: <u>NM</u>	GL:	Formation:

Surface Csg.

Size: 13"

Wt.: 50#/ft

Set @: 297'

Sxs cmt: 250

Circ: YES

TOC:

Hole Size: 17-1/2"

Intermediate Csg. ("Salt String")

Size: 8-5/8"

Wt.: 32#/ft

Set @: 3104'

Sxs Cmt: 500

Circ: NO

TOC: 628' CALC

Hole Size: 11"

Production Csg. ("Oil String")

Size: 5-1/2"

Wt.: 17#

Set @: 4620'

Sxs Cmt: 150

Circ:

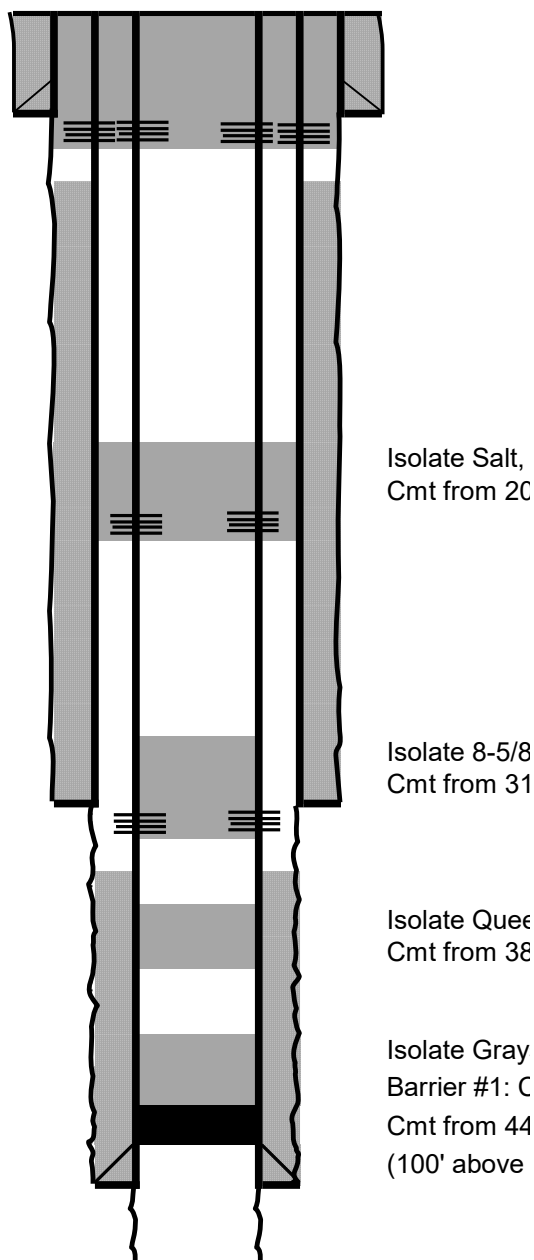
TOC: 3545' CALC

Hole Size: 7-7/8"

Open Hole: 4620-4944'

Size:

Rustler	1,936	
Salt	2,028	
Tansil	2,870	
Seven Rivers	3,259	
Queen	3,876	



Grayburg	4,327	
San Andres	4,550	
TD	4,944	



PBTD: ?

TD: 4935'

Lovington
 47
 17S 36E
 K/1
 30-025-03810
 6/3/1939
 Grayburg/San Andres

Isolate 13" shoe	132
Cmt from 350' to surf	264
	396
	528
	660
	792
	924
	1056
	1188
	1320
	1452
	1584
	1716
Rustler	1848
128' to 1836'	1980
	2112
	2244
	2376
	2508
	2640
	2772
	2904
13" shoe	3036
154' to 3044'	3168
	3300
	3432
	3564
36"	3696
376' to 3616'	3828
	3960
	4092
Grayburg	4224
181BP set at +/-4467'	4356
167' to 4207'	4488
Grayburg)	4620

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

COMMENTS

Action 109455

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 109455
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	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
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 109455

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 109455
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

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