

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. 30-025-03852
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name LOVINGTON SAN ANDRES UNIT
8. Well Number 29
9. OGRID Number 241333
10. Pool name or Wildcat [40580] LOVINGTON; GRAYBURG-SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 [] Gas Well [X] Other INJECTOR
2. Name of Operator CHEVRON MIDCONTINENT, L.P.
3. Address of Operator 6301 Deauville BLVD, Midland TX 79706
4. Well Location Unit Letter A : 660 feet from the NORTH line and 660 feet from the EAST line
Section 2 Township 17S Range 36E NMPM County LEA

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON [X]
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
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.

Move in, rig up lay-down rig.
Remove injection equipment from wellbore and establish mechanical barrier at packer set depth.
Pressure test casing to 500 psi for 15 min. Rig down lay-down rig.
MIRU coiled tubing unit. RIH to tag mechanical barrier.
Spot 25 sacks Class C cement from 4507' to 4270'.
Spot 26 sacks Class C cement from 3933' to 3683'.
Spot 26 sacks Class C cement from 3317' to 3067'.
Spot 26 sacks Class C cement from 2100' to 1850'.
Courtesy plug / company barrier - perforate at 1000'. Circulate 500' interval f/ 1000' to 500' w/ 123 sacks Class C cement. Conduct bubble test. If failing, perforate, circulate annulus clean at +/- 450'. Bubble test. Transition to casing cutting and pulling if bubble test is still failing. Once passing bubble test, perforate at 364' and circulate 204 sacks Class C cement from 314' to 0'. Confirm cement returns to surface. Rig down coiled tubing.

Spud Date: 4" diameter 4' tall marker Rig Release Date: see attached conditions of approval

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 5/10/2022

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 6/14/22
Conditions of Approval:

Plugging Plan – Lovington San Andres Unit #29

API: 30-025-03852

Note:

- Injector well with internally lined plastic tubing
- Baker AD-1 packer at 4507'

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. Gauge ring run will be required unless the packer is removed from the wellbore
4. RIH with CIBP and set at proposed depth in C-103
5. Pressure test mech. barrier + casing to 500 psi for 15 minutes. Document results in WellView.
6. Conduct bubble tests on all annuli. If bubble test fails, communicate to coiled tubing WSR for planning purposes.
7. Rig down Axis 34 lay down rig

Proposed procedure - Coiled Tubing Unit

8. R/U coiled tubing P&A package
9. N/U BOPE and pressure test same to 250 psi low for 5 minutes / 2500 psi high for 10 minutes.
10. RIH with coiled tubing to tag existing mechanical barrier in wellbore
11. Spot 25 sacks Class C cement from 4507' to 4270'.
12. Spot 26 sacks Class C cement from 3933' to 3683'.
13. Spot 26 sacks Class C cement from 3317' to 3067'.
14. Spot 26 sacks Class C cement from 2100' to 1850'.
15. Add courtesy plug to meet chevron barrier requirements prior to reaching fresh water zone
16. Perforate at 1000' and attempt to establish circulation. Circulate two x annular volume or until returns are clear at surface indicating a clean annulus.
17. Circulate 123 sacks Class C cement (500' inside and out) from 1000' to 500'. WOC, tag, pressure test.
18. Conduct bubble test on 5-1/2" x 8-5/8", 8-5/8" x 13"
 - a. If bubble test fails, consider running CBL to confirm TOC and identify depth to perforate OR cut/pull casing
19. Perforate 5-1/2" and 8-5/8" strings with deep penetrating charges from 314'. Establish circulation to surface in both annuli if possible. Conduct bubble test and ensure it's passing prior to bringing cement to surface.
20. 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.
21. Circulate 204 sacks Class C cement from 314' to 0' in all strings
22. Confirm cement returns at surface
23. Rig down move off location

Wellbore Diagram LSAU 29

Created: 12/29/08 By: N Cayce
 Updated: _____ By: _____
 Lease: Lovington San Andres Unit
 Field: Lovington Grayburg San Andres
 Surf. Loc.: 660' FNL 660' FEL
 Bot. Loc.: _____
 County: Lea St.: NM
 Status: Injector

Well #: 29 St. Lse: B-1553
 API: 30-025-03852
 Unit Ltr.: A Section: 2
 TSHP/Rng: 17S 36E
 Unit Ltr.: _____ Section: _____
 TSHP/Rng: _____
 Directions: Buckeye, NM
 Chevno: FA4999
 OGRID: 150661

Surface Casing

Size: 13"
 Wt., Grd.: 50#
 Depth: 264'
 Sxs Cmt: 215
 Circulate: _____
 TOC: _____
 Hole Size: 17"

KB: _____
 DF: 3847'
 GL: _____
 Ini. Spud: 12/14/41
 Ini. Comp.: 01/29/42

"Salt String"

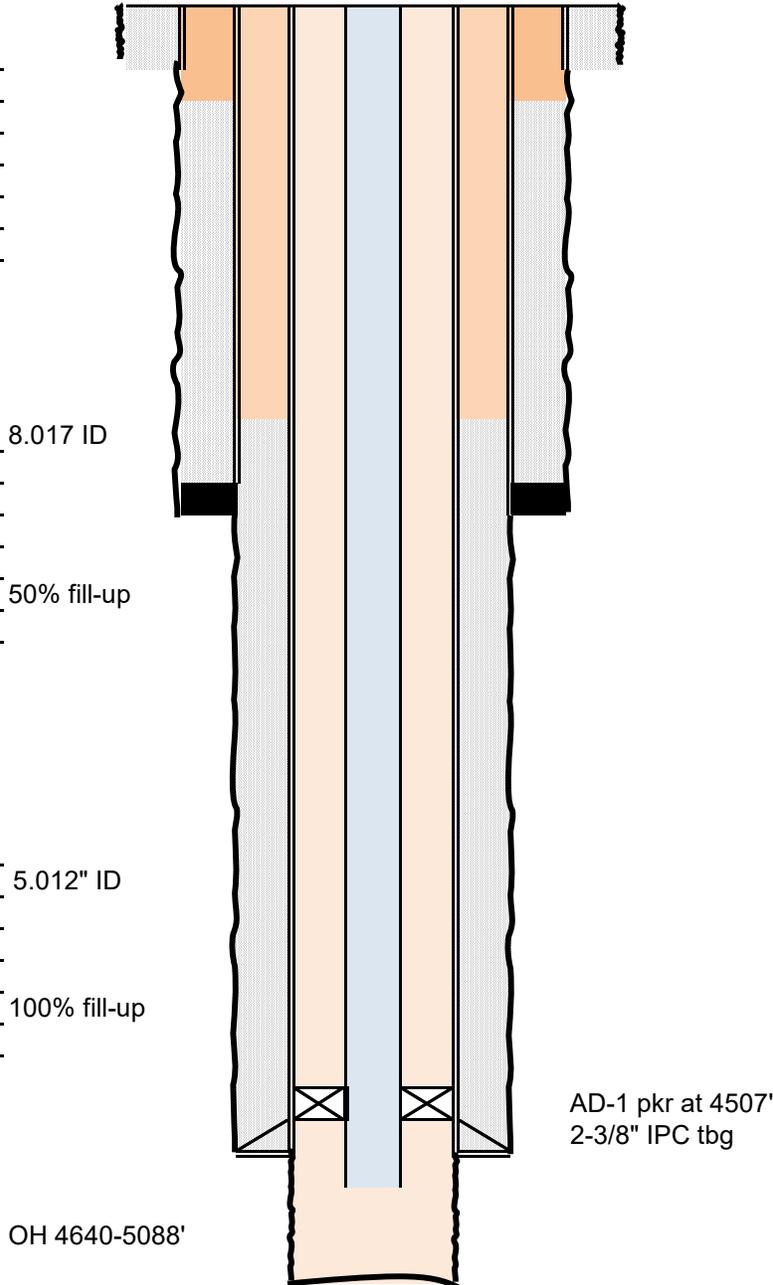
Intermediate Casing

Size: 8 5/8" 8.017 ID
 Wt., Grd.: 28#
 Depth: 2056'
 Sxs Cmt: 600
 Circulate: No
 TOC: 805 50% fill-up
 Hole Size: 11"

"Oil String"

Production Casing

Size: 5-1/2"
 Wt., Grd.: 14#, 15# 5.012" ID
 Depth: 4590'
 Sxs Cmt: 380
 Circulate: No
 TOC: 1650 100% fill-up
 Hole Size: 7-7/8"



TD: 5,088

Proposed Wellbore Diagram LSAU 29

Created: <u>12/29/08</u>	By: <u>N Cayce</u>	Well #: <u>29</u>	St. Lse: <u>B-1553</u>
Updated: _____	By: _____	API: <u>30-025-03852</u>	
Lease: <u>Lovington San Andres Unit</u>		Unit Ltr.: <u>A</u>	Section: <u>2</u>
Field: <u>Lovington Grayburg San Andres</u>		TSHP/Rng: <u>17S 36E</u>	
Surf. Loc.: <u>660' FNL 660' FEL</u>		Unit Ltr.: _____	Section: _____
Bot. Loc.: _____		TSHP/Rng: _____	
County: <u>Lea</u>	St.: <u>NM</u>	Directions: <u>Buckeye, NM</u>	
Status: <u>Injector</u>		Chevno: <u>FA4999</u>	
		GRID: <u>150661</u>	

Surface Casing

Size: 13"
 Wt., Grd.: 50#
 Depth: 264'
 Sxs Cmt: 215
 Circulate: _____
 TOC: _____
 Hole Size: 17"

KB: _____
 DF: 3847'
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Courtesy plug
 Perforate at 1000'
 Circulate cement from 1000' to 500'
 to satisfy company barrier requirement

"Salt String"

Intermediate Casing

Size: 8 5/8" 8.017 ID
 Wt., Grd.: 28#
 Depth: 2056'
 Sxs Cmt: 600
 Circulate: No
 TOC: 805 50% fill-up
 Hole Size: 11"

Isolate Salt, Rustler, 8-5/8" shoe

"Oil String"

Production Casing

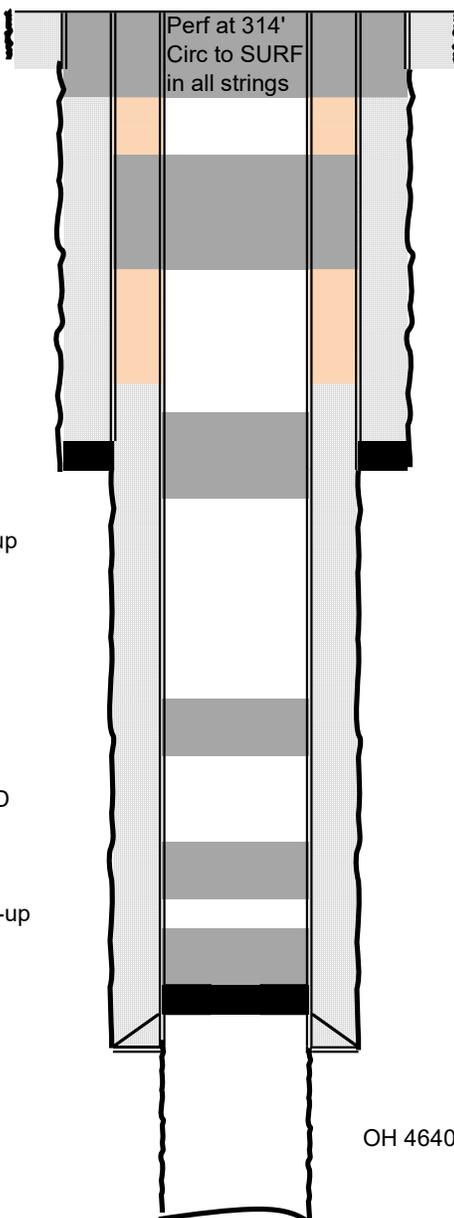
Size: 5-1/2"
 Wt., Grd.: 14#, 15# 5.012" ID
 Depth: 4590'
 Sxs Cmt: 380
 Circulate: No
 TOC: 1650 100% fill-up
 Hole Size: 7-7/8"

Isolate Seven Rivers

Isolate Queen

Isolate open hole, San Andres, Grayburg
 Mechanical barrier at 4507' + cement

Rustler	2,019
Salt	2,098
Seven Rivers	3,317
Queen	3,933
Grayburg	4,370
San Andres	4,574
TD	5,088



OH 4640-5088'

TD: 5,088

**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 #29

API: 30-025-03852

Note:

- Injector well with internally lined plastic tubing
- Baker AD-1 packer at 4507'

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16. Perforate at 1000' and attempt to establish circulation. Circulate two x annular volume or until returns are clear at surface indicating a clean annulus.
17. Circulate 123 sacks Class C cement (500' inside and out) from 1000' to 500'. WOC, tag, pressure test.
18. Conduct bubble test on 5-1/2" x 8-5/8", 8-5/8" x 13"
 - a. If bubble test fails, consider running CBL to confirm TOC and identify depth to perforate OR cut/pull casing
19. Perforate 5-1/2" and 8-5/8" strings with deep penetrating charges from 314'. Establish circulation to surface in both annuli if possible. Conduct bubble test and ensure it's passing prior to bringing cement to surface.
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 Updated: _____ By: _____
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 Field: Lovington Grayburg San Andres
 Surf. Loc.: 660' FNL 660' FEL
 Bot. Loc.: _____
 County: Lea St.: NM
 Status: Injector

Well #: 29 St. Lse: B-1553
 API: 30-025-03852
 Unit Ltr.: A Section: 2
 TSHP/Rng: 17S 36E
 Unit Ltr.: _____ Section: _____
 TSHP/Rng: _____
 Directions: Buckeye, NM
 Chevno: FA4999
 OGRID: 150661

Surface Casing

Size: 13"
 Wt., Grd.: 50#
 Depth: 264'
 Sxs Cmt: 215
 Circulate: _____
 TOC: _____
 Hole Size: 17"

KB: _____
 DF: 3847'
 GL: _____
 Ini. Spud: 12/14/41
 Ini. Comp.: 01/29/42

"Salt String"

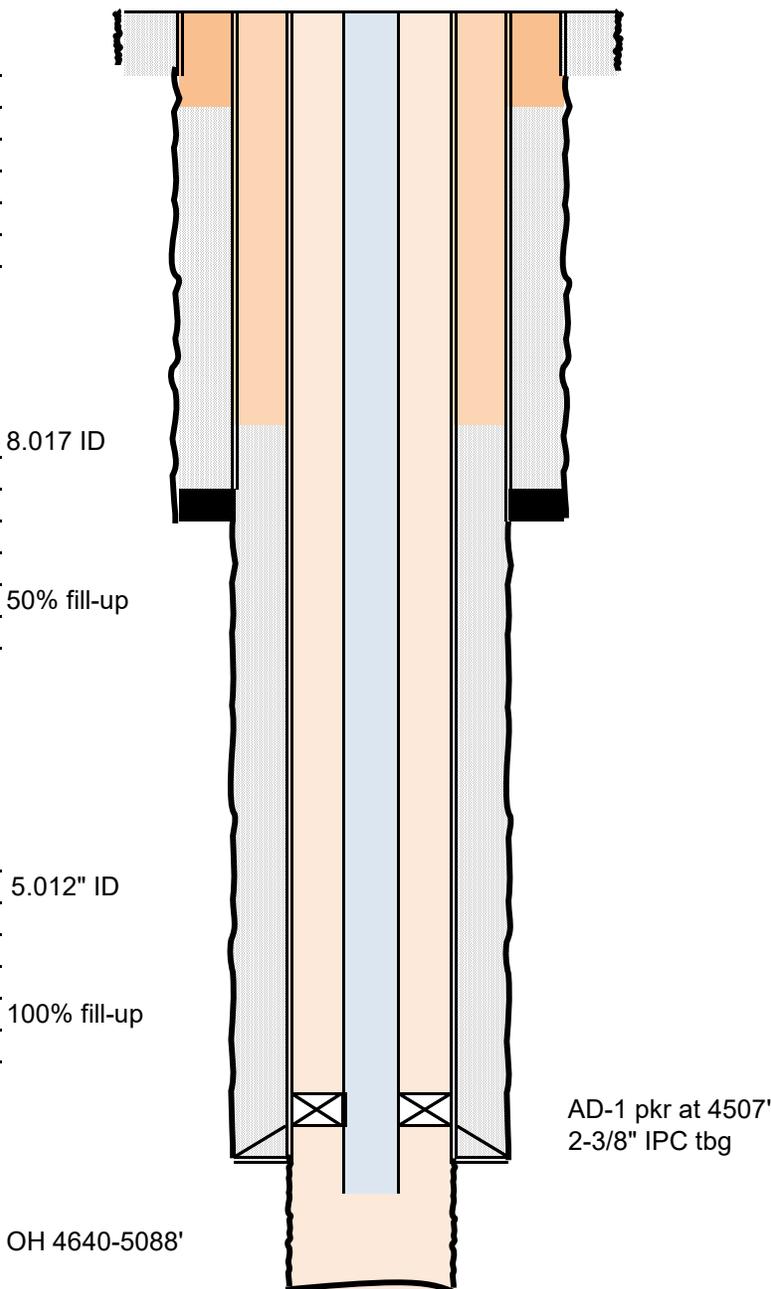
Intermediate Casing

Size: 8 5/8" 8.017 ID
 Wt., Grd.: 28#
 Depth: 2056'
 Sxs Cmt: 600
 Circulate: No
 TOC: 805 50% fill-up
 Hole Size: 11"

"Oil String"

Production Casing

Size: 5-1/2"
 Wt., Grd.: 14#, 15# 5.012" ID
 Depth: 4590'
 Sxs Cmt: 380
 Circulate: No
 TOC: 1650 100% fill-up
 Hole Size: 7-7/8"



TD: 5,088

Proposed Wellbore Diagram LSAU 29

Created:	<u>12/29/08</u>	By:	<u>N Cayce</u>	Well #:	<u>29</u>	St. Lse:	<u>B-1553</u>
Updated:		By:		API	<u>30-025-03852</u>		
Lease:	<u>Lovington San Andres Unit</u>			Unit Ltr.:	<u>A</u>	Section:	<u>2</u>
Field:	<u>Lovington Grayburg San Andres</u>			TSHP/Rng:	<u>17S 36E</u>		
Surf. Loc.:	<u>660' FNL 660' FEL</u>			Unit Ltr.:		Section:	
Bot. Loc.:				TSHP/Rng:			
County:	<u>Lea</u>	St.:	<u>NM</u>	Directions:	<u>Buckeye, NM</u>		
Status:	<u>Injector</u>			Chevno:	<u>FA4999</u>		
				OGRID	<u>150661</u>		

Surface Casing

Size:	<u>13"</u>
Wt., Grd.:	<u>50#</u>
Depth:	<u>264'</u>
Sxs Cmt:	<u>215</u>
Circulate:	
TOC:	
Hole Size:	<u>17"</u>

KB:	
DF:	<u>3847'</u>
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Ini. Spud:	<u>12/14/41</u>
Ini. Comp.:	<u>01/29/42</u>

Courtesy plug
Perforate at 1000'
Circulate cement from 1000' to 500'
to satisfy company barrier requirement

"Salt String"

Intermediate Casing

Size:	<u>8 5/8"</u>	8.017 ID
Wt., Grd.:	<u>28#</u>	
Depth:	<u>2056'</u>	
Sxs Cmt:	<u>600</u>	
Circulate:	<u>No</u>	
TOC:	<u>805</u>	50% fill-up
Hole Size:	<u>11"</u>	

Isolate Salt, Rustler, 8-5/8" shoe

"Oil String"

Production Casing

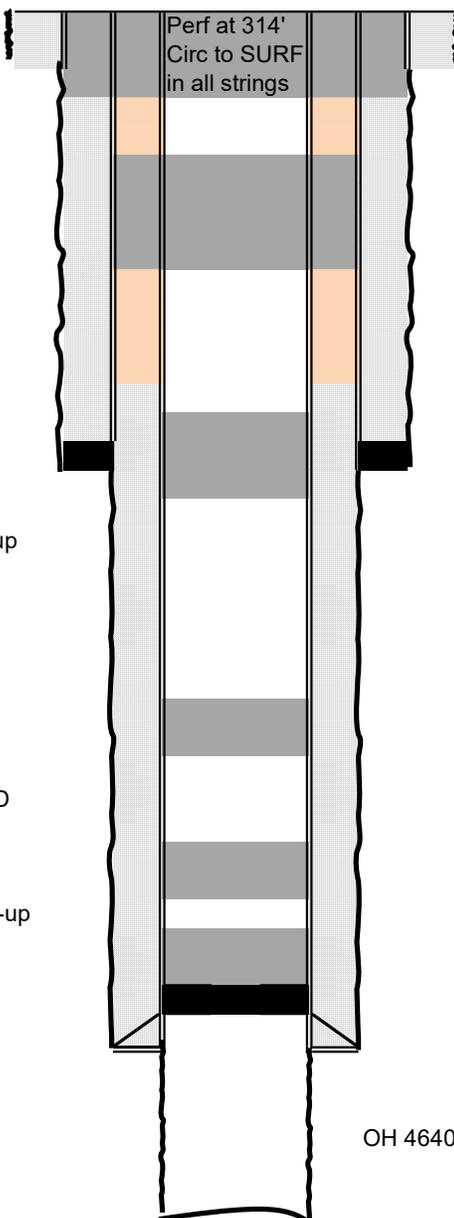
Size:	<u>5-1/2"</u>	
Wt., Grd.:	<u>14#, 15#</u>	5.012" ID
Depth:	<u>4590'</u>	
Sxs Cmt:	<u>380</u>	
Circulate:	<u>No</u>	
TOC:	<u>1650</u>	100% fill-up
Hole Size:	<u>7-7/8"</u>	

Isolate Seven Rivers

Isolate Queen

Isolate open hole, San Andres, Grayburg
Mechanical barrier at 4507' + cement

Rustler	2,019
Salt	2,098
Seven Rivers	3,317
Queen	3,933
Grayburg	4,370
San Andres	4,574
TD	5,088



OH 4640-5088'

TD: 5,088

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 105631

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 105631
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	6/14/2022

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
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 Phone:(505) 334-6178 Fax:(505) 334-6170

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 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Action 105631

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached conditions of approval	6/14/2022