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. 30-015-34750

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: IMC 21

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

8. Well Number: 1

2. Name of Operator: CHEVRON USA INC.

9. OGRID Number: 4323

3. Address of Operator: 6301 Deauville BLVD, Midland, TX 79706

10. Pool name or Wildcat: HARROUN RANCH; DELAWARE NE

4. Well Location
Unit Letter A : 330 feet from the NORTH line and 660 feet from the EAST line
Section 21 Township 23S Range 29E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 2957' GL

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: ☐	

Notify OCD 24 hrs. prior to any work done

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.

1. MIRU P&A equipment
2. TIH with pressure tested tubulars and tag CIBP/cmt at +/- 6175'
3. Spot 25 sacks Class C cement from 6175' to 5925'
4. Spot 25 sacks Class C cement from 4994' to 4744' (Isolate Brushy Canyon)
5. Spot 25 sacks Class C cement from 3834' to 3584' (Isolate Cherry Canyon)
6. Spot 25 sacks Class C cement from 2990' to 2740' (Isolate Bell Canyon, Lamar LS)
7. Perforate at 2430'. Squeeze 145 sacks Class C cement from 2430' to 1930'. (Isolate base salt)
8. Perforate at 550'. Circulate 136 sacks Class C cement from 550' to surface. (Isolate top salt)
9. Verify cement to surface in all strings

*Refer to well specific procedure for additional execution details

Spud Date: Rig Release Date:

****SEE ATTACHED COA's****

Must be plugged by 10/28/2022

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 10/28/2021

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

For State Use Only

APPROVED BY: TITLE Staff Manager DATE 10/28/2021

Conditions of Approval (if any):

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.

IMC 21-1 DHC Short Procedure

API: 30-015-34750

All cement plugs are based on 1.32 yield for Class C for plugs shallower than 7,500'

Notes

- Well was temporarily abandoned on 2/8/2018 with CIBP and cement at each production zone
- Casing was pressure tested to 520 psi – test good

Rig and/or CTU Scope of Work – refer to rig specific or CTU specific rig up procedures. The procedure below focuses on barriers to be placed in wellbore.

1. Contact NMOCD 24 hours in advance.
2. MIRU P&A equipment
    a. Field operations have documented NO H2S in the field. Scavenger and intrinsically safe fans WILL NOT be required for this job.
3. Check pressure on all casing strings. Verify no pressure and observe well for 15 minutes to verify no flow.
4. Kill well as per SOP if previous barriers are leaking
5. N/D wellhead (rig only) and N/U BOP.
6. Pressure test BOP to 250 psi low and 1,500 psi or MASP (whichever is larger) for 5 minutes each.
    a. On a chart, no bleed off accepted.
7. TIH with pressure tested tubulars and tag CIBP/cmt at +/- 6175' (previous tag depth not documented, cement was previously dump bailed)
8. Pressure test casing to 1500 psi for 15 minutes. Report results to NMOCD and discuss potential to waive WOC times for balanced plugs leading up to first perf & squeeze.
9. Upgrade cement plug to barrier #1
    a. Spot 25 sacks Class C cement from 6,175' to 5,925'
    b. Minimum tag depth 6,110' (if required; tag depth 100' above CIBP)
10. Isolate Brushy Canyon
    a. Spot 25 sacks Class C cement from 4,994' to 4,744'
    b. Minimum tag depth 4,894' (if required; tag depth 100' above formation top)
11. Isolate Cherry Canyon
    a. Spot 25 sacks Class C cement from 3,834' to 3,584'
    b. Minimum tag depth 3,734' (if required; tag depth 100' above formation top)
12. Isolate Bell Canyon, Lamar LS
    a. Spot 25 sacks Class C cement from 2990' to 2740'
    b. Minimum tag depth 2,890' (if required; tag depth 100' above formation top)
13. Isolate base of salt
    a. Perforate at 2430'
    b. Squeeze 145 sacks Class C cement from 2430' to 1930'
    c. Minimum tag depth for NMOCD purposes 2330' (100' above formation top)

14. Conduct bubble test for 30 minutes after isolating Base of salt.
    a. If bubble test fails, plan to cut and pull 5-1/2" casing
    b. Ultimate goal is to address failed test prior to fresh water depths
    c. Confirm forward plan with engineer and request forward plan approval with NMOCD
15. Isolate top of salt, FW zones
    a. Perforate at 550'
    b. Circulate 136 sacks Class C cement from 550' to surface
    c. Top of salt at 450'
    d. Fresh water depths appx 100'
16. Verify cement to surface in all casing strings
17. RDMO.
18. Surface restoration crew to cut wellhead, cap well per regulatory guidelines

CURRENT WELLBORE DIAGRAM

Lease:	IMC 21	**Well No.:**	1	**Field:**	FLD-HARROUN RANCH NE		
Location:	330' FNL & 660' FEL	**Section:**	21	**Blk:**		**Survey:**	
County:	Eddy St: NM	**Refno:**		**API:**	30015347500099	**Unique No.:**	JC8160
Current Status:	Shut-in	**Anchors Test Date:**			2/4/2021		

Directions to wellsite: Sec. 21, T23S, R29E

H2S Concentration >100 PPM?	No
NORM Present in Area?	No

Surface Csg.

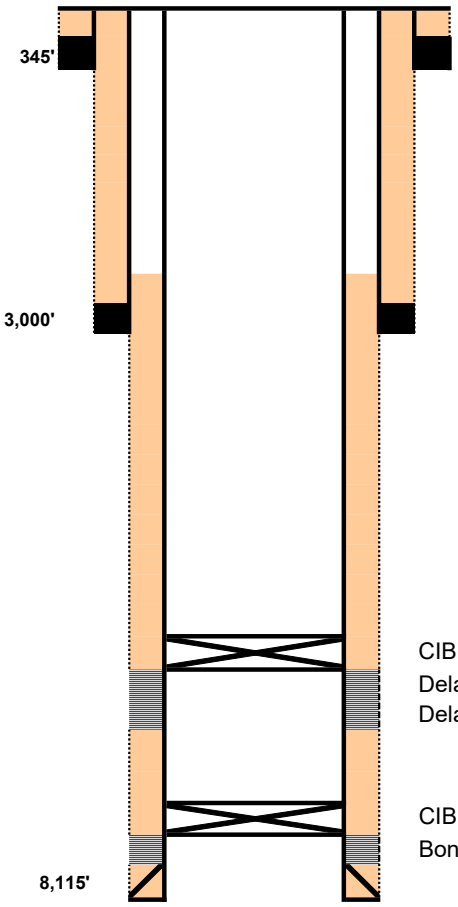
Size:	13-3/8"
Wt.:	48#, H-40
Set @:	345'
Sxs cmt:	460
Circ:	33 sxs
TOC:	Surface
Hole Size:	17-1/2"

Intermediate Csg.

Size:	8-5/8"
Wt.:	32#, J-55
Set @:	3,000'
Sxs cmt:	800
Circ:	28 sxs
TOC:	Surface
Hole Size:	11"

Production Csg.

Size:	5-1/2"
Wt.:	17#, N-80
Set @:	8,115'
Sxs Cmt:	1142
Circ:	
TOC:	2510' (CBL)
Hole Size:	7-7/8"



KB:	2,974'
DF:	
GL:	2,957'
Spud Date:	5/21/2006
Compl. Date:	7/15/2006
RRC Lease No.:	

CIBP set @ 6210' w/ 35' cmt dump bailed
Delaware perfs - 6244'-6251'
Delaware perfs - 6489'-6635'

CIBP set @ 7650' w/ 35' cmt dump bailed
Bone Springs Pe

PROPOSED
WELLBORE DIAGRAM

Lease:	IMC 21	**Well No.:**	1	**Field:**	FLD-HARROUN RANCH NE		
Location:	330' FNL & 660' FEL	**Section:**	21	**Blk:**		**Survey:**	
County:	Eddy St: NM	**Refno:**		**API:**	30015347500099	**Unique No.:**	JC8160
Current Status:	Shut-in	**Anchors Test Date:**			2/4/2021		

Directions to wellsite:

H2S Concentration >100 PPM?		No
NORM Present in Area?		No

Sec. 21, T23S, R29E

Surface Csg.

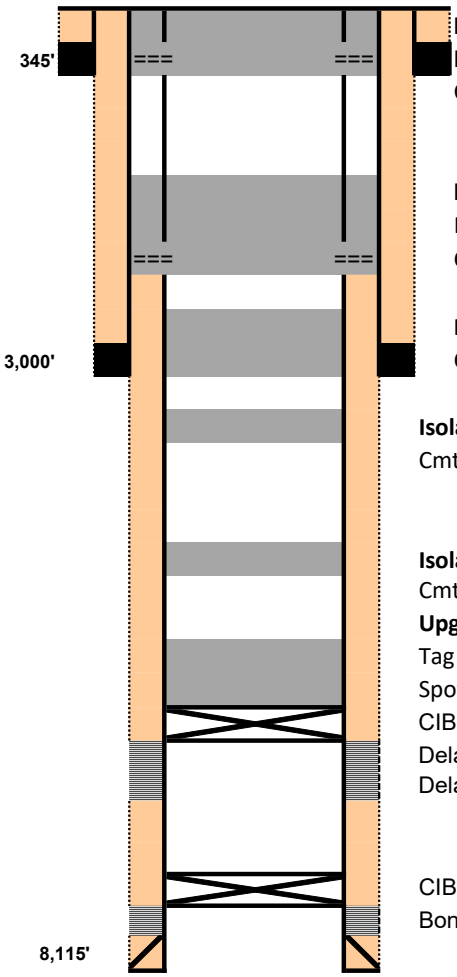
Size:	13-3/8"
Wt.:	48#, H-40
Set @:	345'
Sxs cmt:	460
Circ:	33 sxs
TOC:	Surface
Hole Size:	17-1/2"

Intermediate Csg.

Size:	8-5/8"
Wt.:	32#, J-55
Set @:	3,000'
Sxs cmt:	800
Circ:	28 sxs
TOC:	Surface
Hole Size:	11"

Production Csg.

Size:	5-1/2"
Wt.:	17#, N-80
Set @:	8,115'
Sxs Cmt:	1142
Circ:	
TOC:	2510' (CBL)
Hole Size:	7-7/8"



Isolate top salt, FW
Perforate at 550'
Cmt from 550' to surface

Isolate Base Salt
Perforate at 2430'
Cmt from 2430' to 1930'

Isolate Bell Canyon, Lamar
Cmt from 2990' to 2810'

Isolate Cherry Canyon
Cmt from 3834' to 3684'

Isolate Brushy Canyon
Cmt from 4994' to 4844'
Upgrade Cement on barrier #1
Tag at +/- 6175'
Spot minimum 100' of cement
CIBP set @ 6210' w/ 35' cmt dump bailed
Delaware perfs - 6244'-6251'
Delaware perfs - 6489'-6635'

CIBP set @ 7650' w/ 35' cmt dump bailed
Bone Springs Pe

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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 6301 Deauville Blvd Midland, TX 79706	4323
	Action Number: 58285
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/28/2021