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

HOBBS
DEC 04 2018
RECEIVED

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-03884	
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 Injection	8. Well Number: 20
2. Name of Operator: Chevron Midcontinent, LP	9. OGRID Number: 241333
3. Address of Operator: 6301 DEAUVILLE BLVD., MIDLAND, TX 79706	10. Pool name or Wildcat: Lovington Upper San Andres W.
4. Well Location: Unit Letter J : 1980 feet from the South line and 1980 feet from the East line; Section 5 Township 17S Range 36E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3,916' GL, 3,927' KB

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 ☒ PM	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 ☐			
OTHER: ☐		OTHER: ~~TEMPORARILY ABANDON~~ ☐	

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. **13-3/8" @ 293' TOC Surface, 8-5/8" @ 2,000' TOC 1,384' (calc), 5-1/2" @ 4,700' TOC @ unknown, OH 4,700'-5,140'.**

Chevron USA INC respectfully request to abandon this well as follows:

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU, check well pressures, perform bubble test on intermediate and surface casing annuli, if bubble test fails Chevron intends to Zonite the well after it is plugged to a certain point agreed upon by the NMOCD and Chevron.
3. Set/verify blanking plug in packer (history indicates potential plug already set), pressure test casing and tubing t/ 1,000 psi f/ 10 min, unlatch from on-off tool (history indicates there may be an on-off tool present), if unable to unlatch, then cut tbg above packer at 4,668'.
4. Spot MLF, Spot 50 sx CL "C" cmt f/ 4,668' t/ 4,174', do not WOC & tag if casing passed pressure test.
5. TOH and perform CBL f/ 4,100' t/ surface, share results w/ NMOCD and Chevron.
6. Spot or P&S cement plug f/ 3,250' t/ 2,800' dependent upon CBL results (Yates).
7. Spot or P&S cement plug f/ 2,082' t/ 1,900' dependent upon CBL results (Shoe, Salt).
8. Perforate casing at 343' and squeeze 90 sx CL "C" cmt f/ Surface t/ 343' (FW, Shoe, Surf).
9. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker. Clean location.

See Attached Conditions of Approval

Note: All cement plugs class "C" (<6,500') or "H" (>6,500') with closed loop system used.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE _____ TITLE P&A Engineer, Attorney in fact DATE 12/3/18

Type or print name Howie Lucas E-mail address: howie.lucas@chevron.com PHONE: (832)-588-4044

For State Use Only

APPROVED BY: _____ TITLE P.E.S. DATE 12/04/2018

Conditions of Approval (if any):

WIW WLU 20 WELLBORE DIAGRAM

Created:	01/26/08	By: I da Silva	Well #:	20	St. Lse:
Updated:	12/03/18	By: H Lucas	API	30-025-03884	
Lease:	West Lovington Unit		Unit Ltr.:		Section: 5
Field:	West Lovington		TSHP/Rng:	17 S 36 E	
Surf. Loc.:	1980 FNL 1980 FWL		Unit Ltr.:		Section:
Bot. Loc.:			TSHP/Rng:		
County:	Lea	St.: NM	Directions:	Lovington, NM	
Status:	TA'd Injection Well		Chevno:	FA5031	

Surface Casing

Size:	13-3/8"
Wt., Grd.:	48#
Depth:	293'
Sxs Cmt:	200
Circulate:	n/a
TOC:	Surf
Hole Size:	17"

Intermediate Casing

Size:	8-1/8"
Wt., Grd.:	28#
Depth:	2000'
Sxs Cmt:	200
Circulate:	No
TOC:	1384' (calc)
Hole Size:	11"

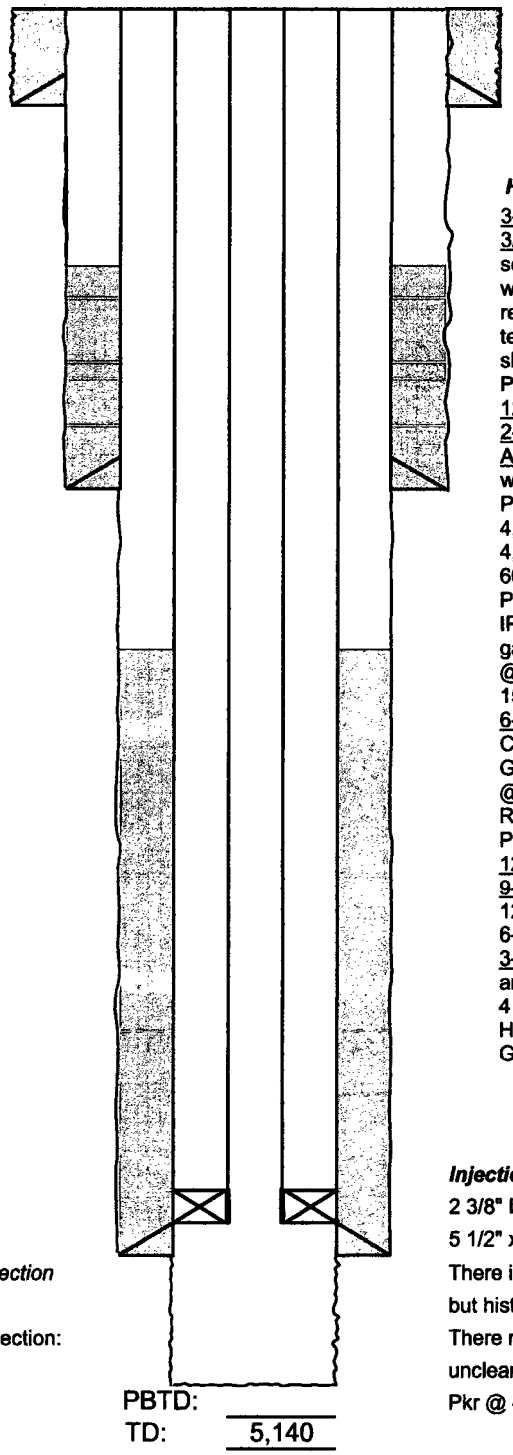
Production Casing

Size:	5-1/2"
Wt., Grd.:	14# J-55
Depth:	4700'
Sxs Cmt:	200
Circulate:	No
TOC:	3633' (calc)
Hole Size:	7-7/8"

Prod/Inj Interval

Completion:	OH
Hole Size:	4-3/4"

Formation Tops	
Red Beds	
Anhydrite	1875
Salt	2032
Yates	3200
San Andres	?
Glorieta	?



Current OH Section
4700' - 5140'
Original OH Section:
4700' - 5104'

PBTD:
TD: 5,140

KB:	3,927
DF:	3,926
GL:	3,916
Ini. Spud:	02/18/45
Ini. Comp.:	

History

3-12/15 TA'd w/ injection equipment in well.
3/08 "Top joint" on well was found to have severe corrosion and there was concern over well structure integrity. It was fixed by making relief cuts in outer casing strings to remove tension and replacing each string. Please show care when prepping and P&A'ing. Potential corrosion issues may exist.
12-20-95 Pumped 800 Gals 15% NEFE HCl.
2-13-92 Deepened to 5,140', Perforated and Acidized Well: Released packer and POH with tubing. Deepened 4 ¾" hole to 5,140'. Perf'd with 1&2 SPF @ 4,717'-20', 4,766'-82', 4,923'-30', 4,948'-60', 4,963'-66', 4,973'-76', 4,980'-87', 4,993'-5,000', 5,036'-44', & 5,054'-60'. CO to 5,140'. Retested annulus to 500 PSIG. Set AD-1 packer on 151 joints 2 3/8" IPC tubing @ 4,668'. Acidized with 4,000 gals 20% HCl, 15 tons CO2, and 1,000# RS @ 4 BPM & 2,550 PSIG. ISIP 1,880 PSIG. 15 min 1,100 PSIG. Returned to injection.
6-22-76 Replaced Packer: POH with tubing. Cut over packer. DO & CO to 5,104'. Set Guiberson Unipac 5 packer with 1.50" profile @ 4,123'. Tested casing to 500 PSIG. OK. Returned to injection. 600 BWPD @ 1,900 PSIG.
12-3-62 Converted to Injector.
9-1-51 Acidized with 15,000 Gals HCl.
12-13-50 Acidized with 3,000 Gals HCl.
6-14-47 Acidized with 2,000 Gals HCl.
3-30-45 Initial Completion. Drilled to 4,700' and set 5 ½" 14# casing with 200 sxs. Drilled 4 ¾" hole to 5,104'. Acidized with 6,500 gals HCl. IP Flowed 165 BOPD. GOR 382. Gravity 37.

Injection Equipment

2 3/8" IPC Tbg
5 1/2" x 2 3/8" Arrowset 1X packer
There is indication that a 10k pump out plug exists, but history is unclear whether that is true or not
There may also be an on-off tool, but also unclear from history, discuss with engineer
Pkr @ 4668'

WIW WLU 20 WELLBORE DIAGRAM

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Depth: 293'
Sxs Cmt: 200
Circulate: n/a
TOC: Surf
Hole Size: 17"

Intermediate Casing
Size: 8-1/8"
Wt., Grd.: 28#
Depth: 2000'
Sxs Cmt: 200
Circulate: No
TOC: 1384' (calc)
Hole Size: 11"

Production Casing
Size: 5-1/2"
Wt., Grd.: 14# J-55
Depth: 4700'
Sxs Cmt: 200
Circulate: No
TOC: 3633' (calc)
Hole Size: 7-7/8"

Prod/Inj Interval
Completion: OH
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Salt	2032
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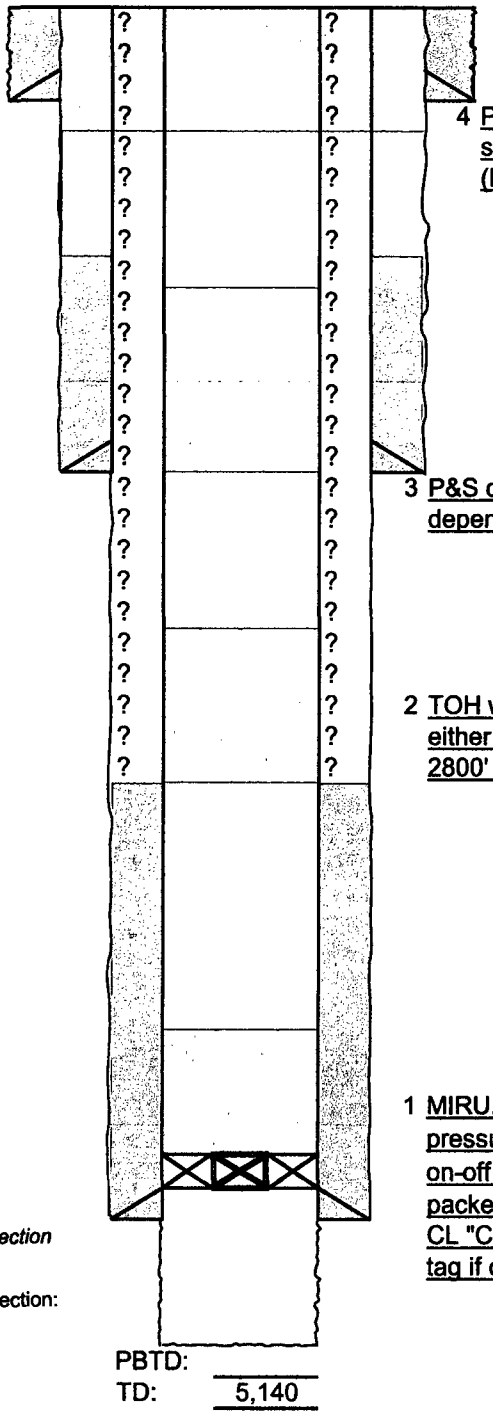

PBTD:
TD: 5,140

4 Perforate csg at 343' and squeeze 90 sx CL "C" cmt f/ Surface t/ 343' (FW, Shoe, Surf)

3 P&S or spot cement plug f/ 2082' t/ 1900' depending on CBL results (Shoe, Salt)

2 TOH w/ tbg, run CBL t/ confirm TOC, either P&S or spot cement plug f/ 3250' t/ 2800' depending on CBL results (Yates)

1 MIRU, set/verify blanking plug in tubing, pressure test tbg & csg, attempt t/ release f/ on-off tool (may not exist), cut tbg above packer if no on-off tool exists, spot 50 CL "C" cmt f/ 4668' t/ 4174', do not WOC & tag if casing passed pressure test

GENERAL CONDITIONS OF APPROVAL:

1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.

2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.

3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.

4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.

5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.

6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.

7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.

8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'.