

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

HOEBS OCD

MAR 29 2019

RECEIVED

Form C-103

Revised August 1, 2011

WELL API NO.
30-025-36329

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Lou Wortham

8. Well Number: 7

9. OGRID Number
4323

10. Pool name or Wildcat
Eunice, San Andres, South

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 ☐ Other

2. Name of Operator
Chevron USA, Inc.

3. Address of Operator
6301 Deauville Blvd., Midland, TX 79706

4. Well Location

Unit Letter E : 1650 feet from the NORTH line and 990 feet from the WEST line
Section 11 Township 22S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3365' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

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. 8 5/8" 24# @ 1138': TOC @ surface; 5 1/2" 15.5# @ 4797': TOC @ surface

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

1. MIRU, pull rods, NU BOP, pull tubing
2. Set CIBP @ 4550', circulate well with fresh water, test casing to 500 psi for 10 minutes - if pressure test passes, spot MLF
3. Spot 25 sx CL C cement f/ 4550' t/ 4325' (Perfs). If pressure test passed in Step 2, do not WOC & tag. If pressure test failed in Step 2, WOC, tag, pressure test to 500 psi for 10 minutes - if pressure test passes, spot MLF; if pressure test fails, contact engineer
4. Spot 45 sx CL C cement f/ 3643' t/ 3275' (Grayburg, Queen)
5. Spot 45 sx CL C cement f/ 2605' t/ 2210' (7 Rivers, Yates, B. Salt)
6. Spot 140 sx CL C cement f/ 1265' t/ surface (T. Salt, Shoe, Anhy, Fresh Water)
7. Verify TOC @ surface, RDMO, and turn over to site reclamation

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

3/28/2019

X Nick Glann

Nick Glann
P&A Engineer/Project Manager

SIGNATURE Signed by: Nick Glann

E-mail address: nglann@chevron.com PHONE: 432-687-7786

For State Use Only

APPROVED BY: Kary Forth
Conditions of Approval (if any):

TITLE Compliance Officer A

DATE 4-1-19

See Attached
Conditions of Approval

Current Wellbore Diagram

Lease----- L Worthm 7 Updated----- 10/24/18 By: Ashlyn Karchner
 Well #----- WORTHAM LOU #7 Surf. Loc----- (X) MD
 Field----- FLD-EUNICE SOUTH - SAN ANDRES Bot. Loc-----
 County/TX----- LEA/NM Lat & Long 32.4089100 / -103.1388300
 Unit Letter
 Section-TWNSP-Rng SEC-11.TWN-22S.RNG-37E
 Chevno----- HL3332
 API #----- 3002536329
 Status----- Shut In/Repeat Failure - flowing gas Survey 990 FNL 1650 FEL
 Battery Lou Wortham CTB 5 Ini. Spud----- 7/21/2003
 Ini. Comp----- 2003-09-24

KB-----
 GR----- 3,365
 GL-----

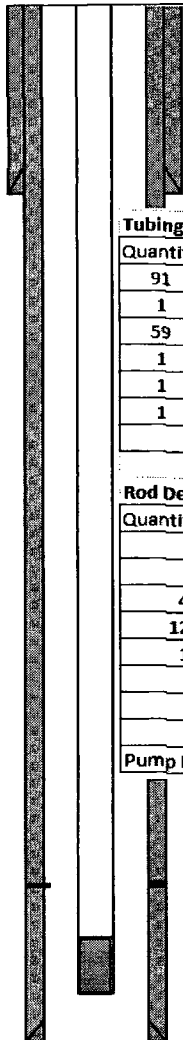
Surface Casing

Size----- 8 5/8"
 Wt., Grd----- 24#
 Depth----- 1138'
 Sxs Cmt----- 650 sxs
 Circulate----- Yes, 110 sxs
 TOC----- Surface
 Hole Size----- 12 1/4"

Production Casing

Size----- 5 1/2"
 Wt., Grd----- 15.5#, J-55
 Depth----- 4797
 Sxs Cmt----- 1000 sxs
 Circulate----- Yes, 30 sxs
 TOC----- Surface
 Hole Size----- 7 7/8"

Formation Name	TD, ft
Anhy	1,080
T Salt	1,215
B Salt	2,310
Yates	2,445
7 Rivers	2,555
Queen	3,375
Grayburg	3,593
San Andres	3,800



PBD: 4742'
 TD: 4800'

Tubing Detail (Top - Down)

Quantity	Item Description	OD	ID	Length	Top Depth, ft
91	Tubing J-55	2.875	2.441	2830	11
1	Anchor/Catcher	2.875		4	2841
59	Tubing J-55	2.875	2.441	1835	2845
1	Seat Nipple	2.875		1	4680
1	Perf Sub	2.875		4	4681
1	Mud Anchor	2.875		31	4685
					4716

Rod Detail (Top - Down)

Quantity	Item Description	Length	Top Depth, ft
1	C Bar, 1.25 in	16	11
1	Rod Sub KD 0.875x4	4	27
48	Rod Sub 0.875x25	1200	31
121	Rod Sub 0.75x25	3025	1231
14	Rod Sub 0.938x25	350	4256
2	Sinker Bar	50	4606
1	Rod Insert Pump 1 1/2"	18	4656
			4674

Pump De Rod Insert Pump 1 1/2"

Perfs:
 San Andres: 4597', 4609', 4630-34', 4108'-4248', 3876'-4055'

Tubing Depth: 4671'

Proposed Wellbore Diagram

Lease-----	L Worthm 7	Updated-----	10/24/18	By: Ashlyn Karchner
Well #-----	WORTHAM LOU #7	Surf. Loc-----	(X) (Y) (Z)	
Field-----	FLD-EUNICE SOUTH - SAN ANDRES	Bot. Loc-----		
County/TX-----	LEA/NM	Lat & Long	32.4089100 / -103.1388300	
		Unit Letter		
Chevno-----	HL3332	Section-TWNSP-Rng	SEC-11.TWN-22S.RNG-37E	
API #-----	3002536329			
Status-----	Shut In/Repeat Failure - flowing gas	Survey	990 FNL 1650 FEL	
Battery	Lou Wortham CTB 5	Ini. Spud-----	7/21/2003	
		Ini. Comp-----	2003-09-24	

KB-----
GR----- 3,365
GL-----

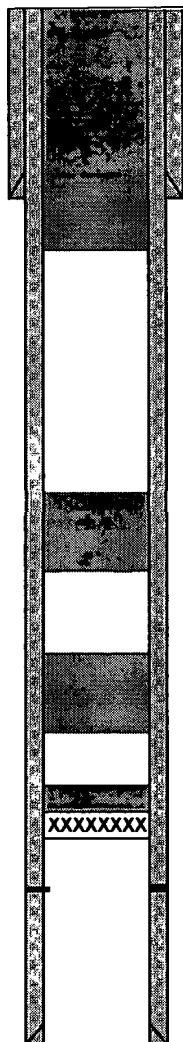
Surface Casing

Size----- 8 5/8"
Wt. Grd----- 24#
Depth----- 1138'
Sxs Cmt----- 650 sxs
Circulate----- Yes, 110 sxs
TOC----- Surface
Hole Size----- 12 1/4"

Production Casing

Size----- 5 1/2"
Wt. Grd----- 15.5#, J-55
Depth----- 4797'
Sxs Cmt----- 1000 sxs
Circulate----- Yes, 30 sxs
TOC----- Surface
Hole Size----- 7 7/8"

Formation Name	TD, ft
	Top
Anhy	1,080
T Salt	1,215
B Salt	2,310
Yates	2,445
7 Rivers	2,555
Queen	3,375
Grayburg	3,593
San Andres	3,800



Spot 140 sx CL C cmt f/ 1265' t/ surface (T. Salt, Shoe, Anhy, Fresh Water)

Spot 45 sx CL C cmt f/ 2605' t/ 2210' (7 Rivers, Yates, B. Salt)

Spot 45 sx CL C cmt f/ 3643' t/ 3275' (Grayburg, Queen)

Spot 25 sx CL C cmt f/ 4550' t/ 4325' (Perfs) WOC & tag
Set CIBP @ 4550'

Perfs:
San Andres: 4597', 4609', 4630-34', 4108'-4248', 3876'-4055'

Tubing Depth: 4671'

PBTD: 4742'
TD: 4800'

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'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.