

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 August 1, 2011

RECEIVED  
MAR 29 2019  
HOBBS OCL

WELL APD NO. 30-085-40216
Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Lou Wortham
8. Well Number: 20
9. OGRID Number 4323
10. Pool name or Wildcat Eunice, San Andres, South
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3378' DF

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Chevron USA, Inc.	
3. Address of Operator 6301 Deauville Blvd., Midland, TX 79706	
4. Well Location Unit Letter D : 660 feet from the NORTH line and 660 feet from the WEST line Section 11 Township 22S Range 37E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3378' DF	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <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. 13 3/8" 48# @ 285': TOC @ surface; 8 5/8" 32# @ 2815': TOC @ surface; 5 1/2" 17# @ 5113': TOC @ surface

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

1. MIRU, pull rods, NU BOP, pull tubing
2. Set CIBP @ 3850', pressure test casing to 500 psi for 10 minutes - if pressure test passes, spot MLF
3. Spot 60 sx CL C cement f/ 3850' t/ 3312' (SA, Gray, Q). If pressure test in Step 2 failed, WOC, tag, pressure test to 500 psi for 10 minutes - spot MLF, if it passes; contact engineer if it fails. If pressure test in Step 2 passed, do not WOC & tag.
4. Spot 70 sx CL C cement f/ 2865' t/ 2227' (7 Riv, Yates, B. Salt)
5. Spot 30 sx CL C cement f/ 1229' t/ 990' (T. Salt, Anhy)
6. Spot 40 sx CL C cement f/ 335' t/ surface (Shoe, 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.

3/27/2019

X Nick Glann

Nick Glann  
P&A Engineer/Project Manager  
Signed by: Nick Glann

SIGNATURE  
For State Use Only

E-mail address: [nglann@chevron.com](mailto:nglann@chevron.com) PHONE: 432-687-7786

APPROVED BY: Kerry Fortner TITLE: Compliance Officer A DATE: 4-3-19  
Conditions of Approval (if any):

See Attached  
Conditions of Approval

Well: **L Worthm 20**  
 Field: **Eunice San Andres South**  
 Reservoir: **San Andres**

**Location:**  
 660' FNL & 660' FWL  
 Section: 11  
 Township: 22S  
 Range: 37E  
 County: Lea State: NM

**Well ID Info:**  
 Chevno: FB1216  
 API No: 30-025-10216  
  
 Spud Date: 8/9/1946  
 Compl. Date: 9/11/1946

DF: 3378'

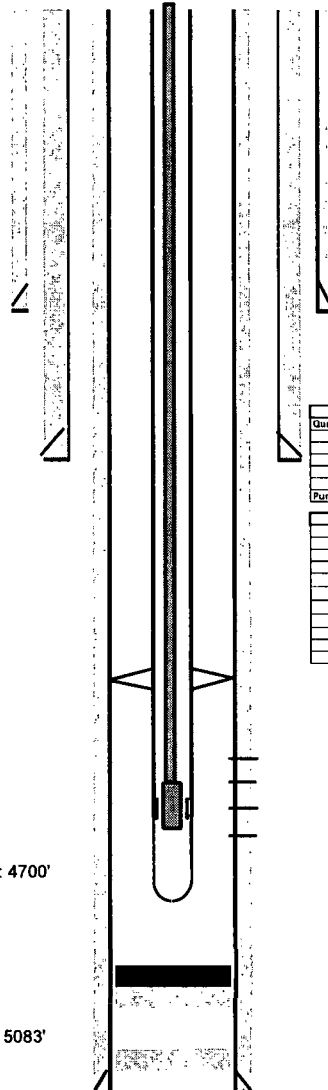
Old P&A (8/24/1979) Paddock well (Paddock Unit 54 operated by Exxon) had cement plugs at bottom of surface casing, inside 5 1/2" casing at 1202', 2365', 2800', 3300', and 3800'. Anadarko came in and drilled out plugs, added new production casing and recompleted well in the San Andres.

Formation	Tops (ft.)
Anhy	1,090
Salt	1,179
Salt	2,327
Yates	2,470
7 Rivers	2,572
Queen	3,412
Grayburg	3,680
San Andres	3,806

Tubing Depth: 4700'

PBTD: 4900'  
 Casing Shoe: 5083'  
 TD: 5175'

### Current Wellbore Diagram



**Surface Csg:** 13 3/8", 48#  
**Set:** @ 285' w/ 225 sks circ.  
**Hole Size:** 17 1/2"  
**Circ:** Yes **TOC:** Surface

**Int. Csg:** 8 5/8", 32#  
**Set:** @ 2815' w/ 1500 sks  
**Hole Size:** 12 1/4"  
**Circ:** Yes **TOC:** Surface

Rod Details			
Quantity	Description	n	Top of Depth
1	1.5 inch rod Spray Metal	26	11
20	0.875" Rods	1750	17
121	0.75" Rods	2800	1787
4	1.5" Sinker Bar Rods	100	4587
1	0.875" Rod Sub/Guides Moulded	4	4687
Pump Description Rod Pump (insert), 20-150-R H BC-12-4			

Tubing Details					
Quantity	Item Description	OD	ID	Length	Top Depth, ft.
117	Production Tubing J-55 8.5#	2 7/8	2.441	3720	11
1	Production Tubing J-55 8.5#	2 7/8	2.441	4	3731
2	Production Tubing J-55 8.5#	2 7/8	2.441	63	3735
1	TAC	5 1/2		3	3798
27	Production Tubing J-55 4.8#	2 7/8	2.441	850	3901
2	Production Tubing J-55 4.8#	2 7/8	2.441	55	4661
1	Seat Nipple/Shoe			1	4726
1	Percutaneous Nipple			4	4727
1	Bull Plug Mud Anchor	2 7/8		33	4731
					4784

San Andres Perfs:  
 3882' - 4308'

**Prod. Csg:** 5 1/2", 17#  
**Set:** @ 5113' w/ 500 sks  
**Hole Size:** 7 5/8"  
**Circ:** Yes **TOC:** Surface

Updated: 5/4/2018

By: EWRS

**Location:**  
660' FNL & 660' FWL  
**Section:** 11  
**Township:** 22S  
**Range:** 37E  
**County:** Lea    **State:** NM

**DF: 3378'**

**Old P&A (8/24/1979) Paddock well (Paddock Unit 54 operated by Exxon) had cement plugs at bottom of surface casing, inside 5 1/2" casing at 1202', 2365', 2800', 3300', and 3800'. Anadarko came in and drilled out plugs, added new production casing and recompleted well in the San Andres.**

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**Tubing Depth: 4700'**

PBTD: 4900'  
Casing Shoe: 5083'  
TD: 5175'

A vertical cross-section diagram of a well or borehole. The diagram shows various geological layers represented by different patterns: stippled for sandstone, horizontal lines for shale, and wavy lines for limestone. A scale bar on the left indicates depths of 4700' and 5083'. A section of the borehole is labeled "XXXXXXXXXX".

**Spot 40 sx CL C cmt f/ 335' t/ surface (Shoe, Fresh Water)**

**Spot 30 sx CL C cmt f/ 1229' t/ 990' (T. Salt, Anhy)**

**Int. Csg:** 8 5/8", 32#  
**Set:** @ 2815' w/ 1500 sks  
**Hole Size:** 12 1/4"  
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**Spot 70 sx CL C cmt f/ 2865' t/ 2227' (7 Riv, Yates, B. Salt)**

**Spot 60 sx CL C cmt f/ 3850' v 3312' (SA, Gray, Q)**  
**Set CIBP @ 3850'**  
 San Andres Perfs:  
 3882' - 4308'

**Prod. Csg: 5 1/2", 17#**  
**Set: @ 5113' w/ 500 sks**  
**Hole Size: 7 5/8"**  
**Circ: Yes TOC: Surface**

**By: NGEF**

#### 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.