

RECEIVED

Geology, Minerals and Natural Resources

Revised August 1, 2011

OIL CONSERVATION DIVISION
 APR 15 2019
 2220 South St. Francis Dr.
 Santa Fe, NM 87505
 DISTRICT II-ARTESIA O.C.D.

WELL API NO. 30-015-26536
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Candelario 1
8. Well Number: 1
9. OGRID Number 4323
10. Pool name or Wildcat Loving, Brushy Canyon, East

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: Salt Water Disposal

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 24 Township 23S Range 28E, NMPM, County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
2983' 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# @ 543': TOC @ surface; 5 1/2" 15.5# @ 6310': TOC @ surface

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

- MIRU, N/U BOPE, pull tubing, run wireline and verify if CIBPs are in well
- If CIBP verified @ 5400', proceed as follows:
 - Dump bail 35' CL C cement on top of CIBP @ 5400', WOC, & tag
 - Set CIBP @ 4250', spot 25 sx-CL C cement f/ 4250' t/ 4023' (Perfs), WOC, tag, pressure test 500 psi/10 min
 - Proceed to Step 4 below
- If CIBPs not present, proceed as follows:
 - Set CIBP @ 5800', spot 25 sx CL C cement f/ 5800' t/ 5573' (Perfs), WOC, tag, pressure test 500 psi/10 min
 - Spot 25 sx CL C cement f/ 4830' t/ 4603' (Brushy Canyon)
 - Proceed to Step 4 below
- Spot 25 sx CL C cement f/ 3554' t/ 3327' (Cherry Canyon, DV Tool)
- Spot 45 sx CL C cement f/ 2687' t/ 2316' (Delaware, B. Salt)
- Spot 65 sx CL C cement f/ 593' t/ surface (Shoe, T. Salt). Verify top of cement at surface on all casing strings

Notify OCD 24 hrs. prior to
any work done.

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

* See Attached COA; 4/10/2019

Must be Plugged by 4/17/20

X Nick Glann

Nick Glann

P&A Engineer/Project Manager

SIGNATURE Signed by: Nick Glann

For State Use Only

Approved for plugging of well bore only.
 Liability under bond is retained pending receipt
 of C-103 (Subsequent Report of Well Plugging)
 which may be found at OCD Web Page under
 Forms. www.emnrd.state.nm.us/oed.

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

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

Candelario 1 SWD
Loving East: API #30-015-26536
Eddy County, NM
Unit D; Sec 24; T23S, R28E; 660' FNL & 660' FWL
 CURRENT COMPLETION: Updated by RJ DeBruin 4/7/2019

KB: Unknown
 GL: 2983'

TOC @ surf
 8-5/8" csg @ 543'
 12-1/4" hole

DV tool @ 3491'

Formation Tops	
T. Salt	540
B. Salt	2416
Delaware	2637
Cherry Canyon	3504
Brushy Canyon	4780

CIBP @ 5400'

CIBP @ 5595'
 Comp BP @ 5615'
 (leaked)

CIBP @ 5800'

This wellbore diagram is based on the most recent information regarding wellbore configuration & equipment that could be found in the Midland Office well files & computer / online databases as of the last update.

TOC @ surf
 5-1/2" csg @ 6310'
 7-7/8" hole

CASING PROGRAM

Depth	Size	Weight	Grade
543'	8 5/8"	24#	J-55
6310'	5 1/2"	15.5#	J-55

Cement

Surface: 350 sx Class 'C'. TOC @ surf (circ 50 sx).

Production: 1st Stage w/ 500 sx 50/50 Poz 'C' + 200 sx Class C. 2nd Stage w/ 900 sx PS lite "C" + 100 sx Class 'C'. TOC @ surf.

Spudded: 11/7/1990
 Completed: 12/14/1990

TUBING & ROD DETAIL

From Sept 28, 2005 Well Report (Range Resources)

Tbg Detail:

1 - 2 3/8" IPC Tbg Sub w/WL Entry Guide @4254'
2 7/8" X 5 1/2" IPC Arrowset I Packer w/Element @ 4258'
136 jts 2 7/8 IPC Tbg. 4245'

Cherry Canyon

4304' - 4314'
 4340' - 4370'
 4381' - 4409'
 4443' - 4473' 460
 4514' - 4554' holes
 4578' - 4594'
 4636' - 4656'

Brushy Canyon

5456' - 5461'
 5464' - 5486'
 5493' - 5497' 86 holes
 5506' - 5514'

Brushy Canyon

5626' - 5672' - 92 holes

Brushy Canyon

5828' - 5846'
 5873' - 5881'
 5893' - 5897'
 5902' - 5904' 92 holes
 5906' - 5908'
 5914' - 5920'

Brushy Canyon

6140' - 6169' - 2 spf
 6150' - 6162' - 48 holes
 6169' - 6172' - 2 spf
 6177' - 6197' - 2 spf

PBTD = 6295'
 TD = 6310'

NOTES:

(1) Red items have some have no documentation in NMOCD records, but are shown on Range and/or RockCliff WBD's.

(2) Bold red items have proposed documentation in NMOCD records, but no subsequent reports of actual work. They are also shown on Range WBD.

History - Highlights

12/90 - Frac'd 6150' - 6162' w/ 10,000# 20/40 sand. ISIP=957#.

1/93 - Frac'd 6140' - 6197' w/ 77,000# 20/40 sand + 25,000# 20/40 RC sand. ISIP=910#.

1/93 - Frac'd 5828' - 5920' w/ 77,000# 20/40 sand + 25,000# 20/40 RC sand. ISIP=800#.

10/02 - Frac'd 5626' - 5672' w/ 80,000# 16/30 sand. ISIP=647#.

11/02 - Frac'd 5456' - 5514' w/ 104,120# 16/30 + 44,055# 16/30 RC sand. ISIP=1140#

2/05 - Perf'd Cherry Canyon. Frac'd w/ 90,000 # 16/30 sand. ISIP=943#.

Note: Schematic is not to scale. For display purposes only.

Candelario 1 SWD
Loving East: API #30-015-26536
Eddy County, NM
Unit D; Sec 24; T23S, R28E; 660' FNL & 660' FWL
Proposed WBD w/ CIBPs in the Well

KB: Unknown
GL: 2983'

TOC @ surf
8-5/8" csg @ 543'
12-1/4" hole

DV tool @ 3491'

Formation Tops	
T. Salt	540
B. Salt	2416
Delaware	2637
Cherry Canyon	3504
Brushy Canyon	4780

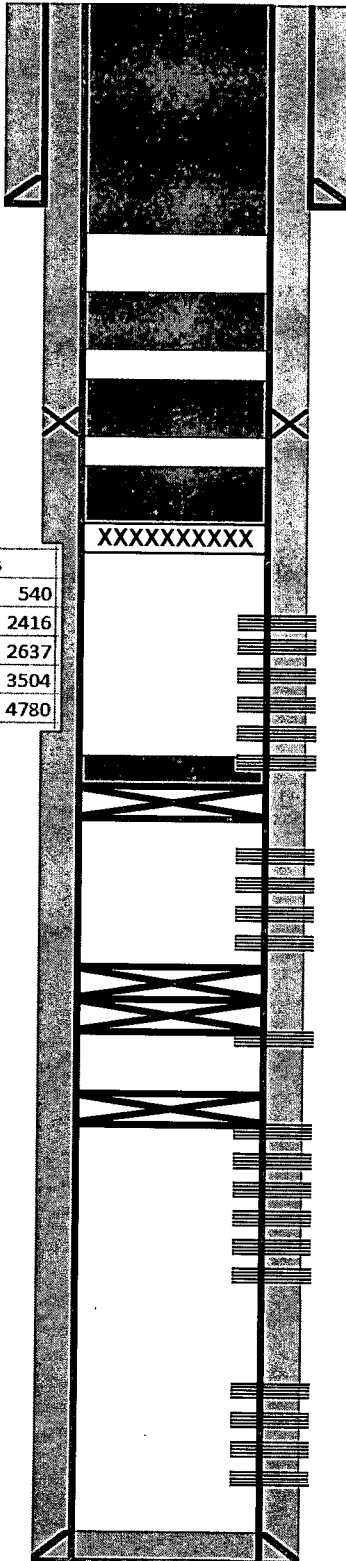
CIBP @ 5400'

CIBP @ 5595'
Comp BP @ 5615'
(leaked)

CIBP @ 5800'

This wellbore diagram is based on the most recent information regarding wellbore configuration & equipment that could be found in the Midland Office well files & computer / online databases as of the last update.

TOC @ surf
5-1/2" csg @ 6310'
7-7/8" hole



CASING PROGRAM

Depth	Size	Weight	Grade
543'	8 5/8"	24#	J-55
6310'	5 1/2"	15.5#	J-55

Cement

Surface: 350 sx Class 'C'. TOC @ surf (circ 50 sx).

Production: 1st Stage w/ 500 sx 50/50 Poz 'C' + 200 sx Class C. 2nd Stage w/ 900 sx PS lite "C" + 100 sx Class 'C'. TOC @ surf.

Spot 65 sx CL C cmt f/ 593' t/ surface (Shoe, T. Salt)

Spot 45 sx CL C cmt f/ 2687' t/ 2316' (Delaware, B. Salt)

Spot 25 sx CL C cmt f/ 3554' t/ 3327' (Cherry Canyon, DV Tool)

Spot 25 sx CL C cmt f/ 4250' t/ 4023' (Perfs). WOC, tag, pressure test
Set CIBP @ 4250'

Cherry Canyon

4304' - 4314'
4340' - 4370'
4381' - 4409'
4443' - 4473' 460
4514' - 4554' holes
4578' - 4594'
4636' - 4656'

Dump bail 35' CL C cmt on CIBP

Brushy Canyon

5456' - 5461'
5464' - 5486' 86 holes
5493' - 5497'
5506' - 5514'

Brushy Canyon

5626' - 5672' - 92 holes

Brushy Canyon

5828' - 5846'
5873' - 5881'
5893' - 5897'
5902' - 5904' 92 holes
5906' - 5908'
5914' - 5920'

Brushy Canyon

6140' - 6169' - 2 spf
6150' - 6162' - 48 holes
6169' - 6172' - 2 spf
6177' - 6197' - 2 spf

PBTD = 6295'

TD = 6310'

NOTES:

(1) Red items have some have no documentation in NMOCD records, but are shown on Range and/or RockCliff WBD's.

(2) Bold red items have proposed documentation in NMOCD records, but no subsequent reports of actual work. They are also shown on Range WBD.

History - Highlights

12/90 - Frac'd 6150' - 6162' w/ 10,000# 20/40 sand. ISIP=957#.

1/93 - Frac'd 6140' - 6197' w/ 77,000# 20/40 sand + 25,000# 20/40 RC sand. ISIP=910#.

1/93 - Frac'd 5828' - 5920' w/ 77,000# 20/40 sand + 25,000# 20/40 RC sand. ISIP=800#.

10/02 - Frac'd 5626' - 5672' w/ 80,000# 16/30 sand. ISIP=647#.

11/02 - Frac'd 5456' - 5514' w/ 104,120# 16/30 + 44,055# 16/30 RC sand. ISIP=1140#

2/05 - Perf'd Cherry Canyon. Frac'd w/ 90,000 # 16/30 sand. ISIP=943#.

Note: Schematic is not to scale. For display purposes only.

Proposed WBD w/ NO CIBPs in the Well

TOC @ surf
5-1/2" csg @ 6310'
7-7/8" hole

CASING PROGRAM

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>
543'	8 5/8"	24#	J-55
6310'	5 1/2"	15.5#	J-55

Cement

Surface: 350 sx Class 'C'. TOC @ surf (circ 50 sx).

Production: 1st Stage w/ 500 sx 50/50 Poz 'C' + 200 sx Class C. 2nd Stage w/ 900 sx PS lite "C" + 100 sx Class 'C'. TOC @ surf.

Spudded: 11/7/1990

Completed: 12/14/1990

Spot 65 sx CL C cmt f/ 593' t/ surface (Shoe, T. Salt)

Spot 45 sx CL C cmt f/ 2687' t/ 2316' (Delaware, B. Salt)

Spot 25 sx CL C cmt f/ 3554' t/ 3327' (Cherry Canyon, DV Tool)

Spot 25 sx CL C cmt f/ 4830' t/ 4603' (Brushy Canyon)

**Spot 25 sx CL C cmt f/ 5800' t/ 5573' (Perfs) WOC, tag, pressure test
Set CIBP @ 5800'**

Brushy Canyon

5828' - 5846'

5873' - 5881'

5893' - 5897'

5902' - 5904'

5906' - 5908'

5914' - 5920'

92 holes

Brushy Canyon

6140' - 6169' - 2 spf

6150' - 6162' - 48 holes

6169' - 6172' - 2 spf

6177' - 6197' - 2 spf

PBTD = 6295'

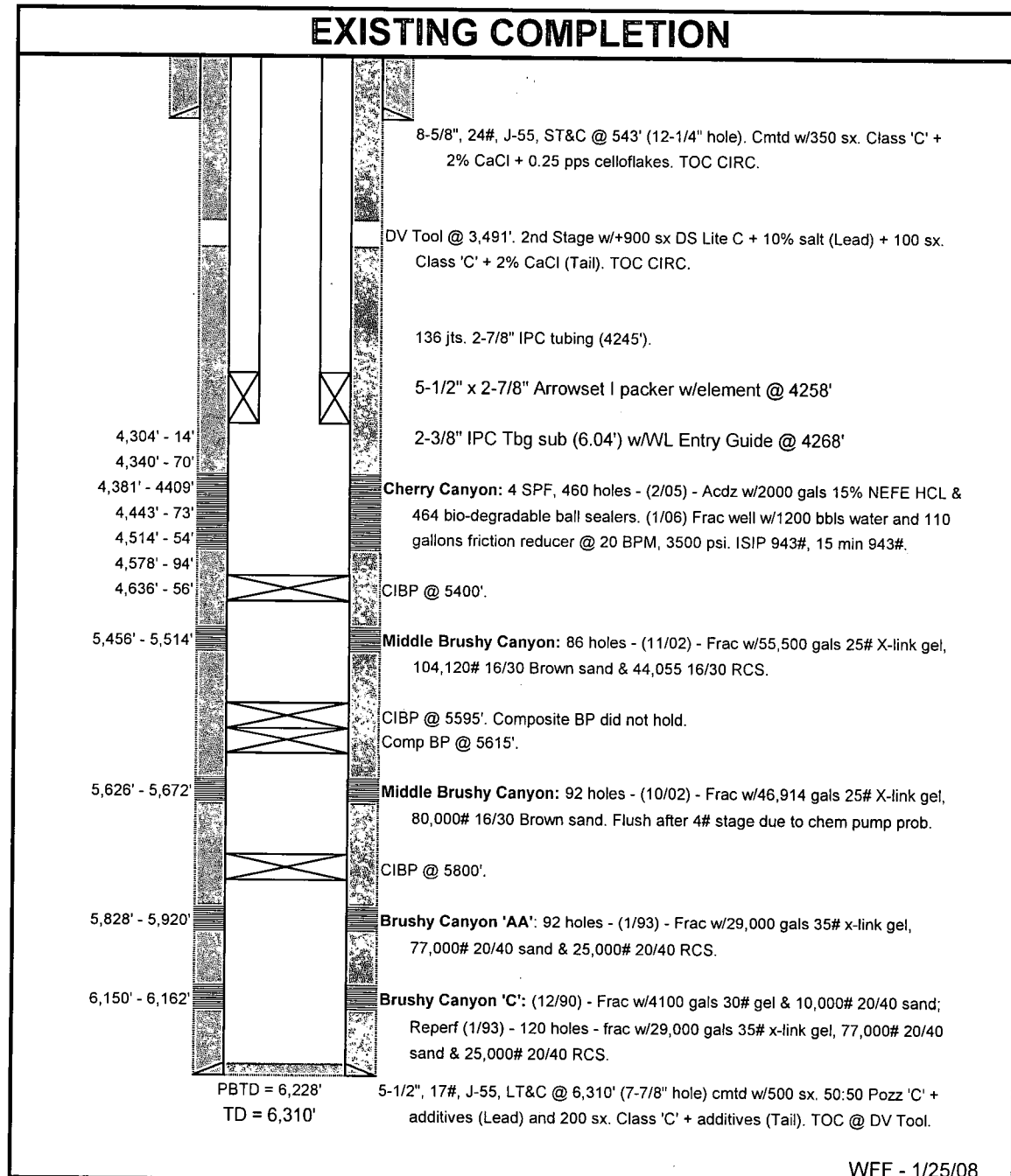
TD = 6310'

Note: Schematic is not to scale. For display purposes only.

RANGE RESOURCES

LEASE: <u>Candelario</u>	WELL #: <u>24-1</u>	API#: <u>30-015-26536</u>
FIELD: <u>Loving East</u>	COUNTY: <u>Eddy</u>	STATE: <u>New Mexico</u>
LOCATION: <u>Sec 24, T23S, R28E</u>	LEGAL: <u>660' FNL and 660' FWL</u>	KB: <u>15'</u>

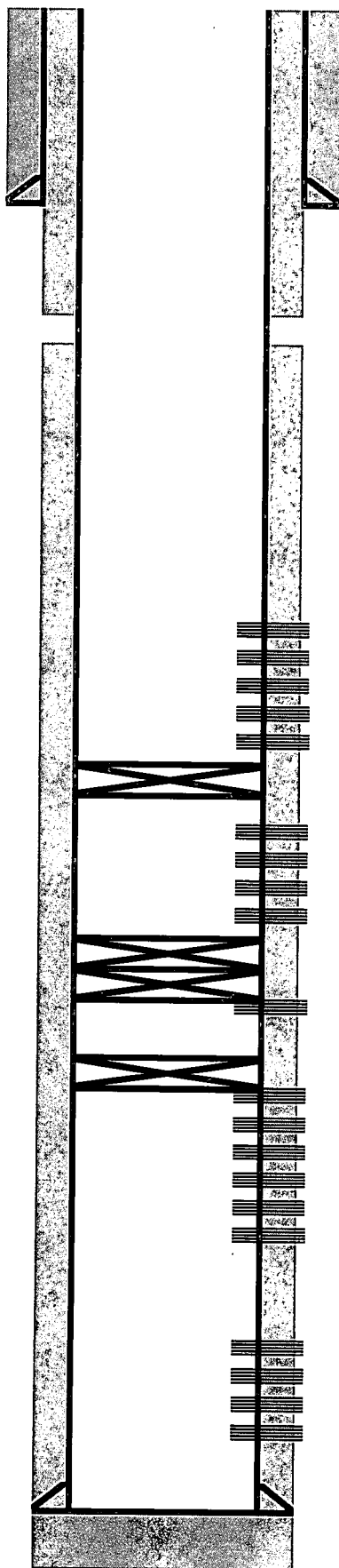
EXISTING COMPLETION





Candelario 24-1
Loving East - 30-015-26536
Eddy County, New Mexico
CURRENT COMPLETION - 7/2014

KB: 2997'
 GL: 2983'



DV tool @ 3491'

CASING PROGRAM

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>I.D.</u>	<u>Collapse</u>	<u>Burst</u>
543'	8 5/8"	24#	J-55	8.097"	1,370	2,950
6310'	5 1/2"	15.5#	J-55	4.95"	4,040	4,810

Cement

Surface: 350 sx Class C. TOC @ surf

Production: 1st Stage w/ 500 sx 50/50 Poz C + 200 sx Class C. 2nd Stage w/ 900 sx PS lite "C" + 100 sx Class C TOC @ surf

Cherry Canyon

4304' - 4314' - 40 holes
 4340' - 4370' - 120 holes
 4381 - 4409' - 112 holes
 4443 - 4473' - 120 holes
 4514' - 4554' - 160 holes
 4578' - 4594' - 64 holes
 4636' - 4656' - 80 holes

Middle Brushy Canyon

5456' - 5461'
 5464' - 5486'
 5493' - 5497' 86 holes
 5506' - 5514'

Middle Brushy Canyon

5626' - 5672' - 92 holes

Brushy Canyon "AA"

5828' - 5846'
 5873' - 5881'
 5893' - 5897'
 5902' - 5904' 92 holes
 5906' - 5908'
 5914' - 5920'

Brushy Canyon "C"

6140' - 6169' - 2 spf
 6150' - 6162' 48 holes
 6169' - 6172' - 2 spf
 6177' - 6197' - 2 spf

PBTD = 6295'

History - Highlights

11/90 - Well spudded
 12/90 - Frac'd 6150' - 6162' w/ 10000# 20/40 sand. ISIP=957#
 1/93 - Frac'd 6140' - 6197' w/ 77000# 20/40 sand + 25000# 20/40 RC sand. ISIP=910#
 1/93 - Frac'd 5828' - 5920' w/ 77000# 20/40 sand + 25000# 20/40 RC sand. ISIP=800#
 10/02 - Frac'd 5626' - 5672' w/ 80000# 16/30 sand. ISIP=647#
 11/02 - Frac'd 5456' - 5514' w/ 104120# 16/30 + 44055# 16/30 RC sand. ISIP=1140#
 2/05 - Perfed Cherry Canyon

Note: This schematic is not to scale. For display purposes only.

RANGE RESOURCES

LEASE: Candelario
FIELD: Loving East
LOCATION: Sec 24, T23S, R28E

WELL #: 24-1
COUNTY: Eddy
LEGAL: 660' FNL and 660' FWL

API#: 30-015-26536
STATE: New Mexico
KB: 15'

EXISTING COMPLETION

