

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

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015- 31420
5. Indicate Type of Lease: STATE <input checked="" type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name EMPIRE SOUTH DEEP UNIT
8. Well Number: 23
9. OGRID Number: 4323
10. Pool name or Wildcat EMPIRE MORROW SOUTH
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3657' GL

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 Water Injection

2. Name of Operator
Chevron U.S.A. INC.

3. Address of Operator
15 Smith Road Midland, TX 79705

4. Well Location

Unit Letter D : 1980' feet from the NORTH line and 660' feet from the WEST line
Section I Township 18-S Range 28-E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3657' 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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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.

TD 10,950', PBTD 10,815' PERFS: 10,718' - 10,737' CIBP:@ 10,815' w/ 20' of cemen
13-3/8" 48# @ 398', w/440 sks, 17-1/2" hole, TOC SURFACE
8-5/8" 32# csg. @ 3099' w/900 sks 12-1/4" hole, TOC SURFACE
7" 29# csg @ 9396' w/300 sks cmt, 7-7/8" hole, TOC est. 9050'
4-1/2" 11.6.# csg. @ 10,960' w/601 sks 6-1/8" hole, TOC, 8,665'

1. MIRUWSU. NDWH. NUBOPE.
2. Pressure Test casing to 500 psi and record/report findings
3. Set CIBP @ 10,618' w/25 sks of Class H cement,
4. Set Plug w/ 25 sks of Class H cement @ 9,496' - 9296' (Shoe)
5. Perf & Sqz w/50 sks of Class C cement @ 8387' - 8187', WOC & TAG, (DV TOOL)
6. Perf & Sqz w/60 sks of Class C cement @ 3199' - 2999', WOC & TAG, (SHOE)
7. Perf & Circulate w/200 sks of C cement 498' - Surface. (Shoe)
8. Cut off wellhead and anchors 3' below grade. Weld on dry hole marker. Clean location.
9. CLOSED LOOP SYSTEM USED.

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 23 2014

RECEIVED

CONDITIONS OF APPROVAL ATTACHED

Approval Granted providing work is
Completed by

Jan 6 - 2016

Spud Date:

Rig Release Date:

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

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

SIGNATURE

TITLE

Representative

DATE 12/09/2014

Type or print name

Robert Holden

E-mail address:

rholden@keyenergy.com

PHONE: 432-523-5155

For State Use Only

APPROVED BY:

TITLE

Dis. Supervisor

DATE 1/6/15

Conditions of Approval (if any):

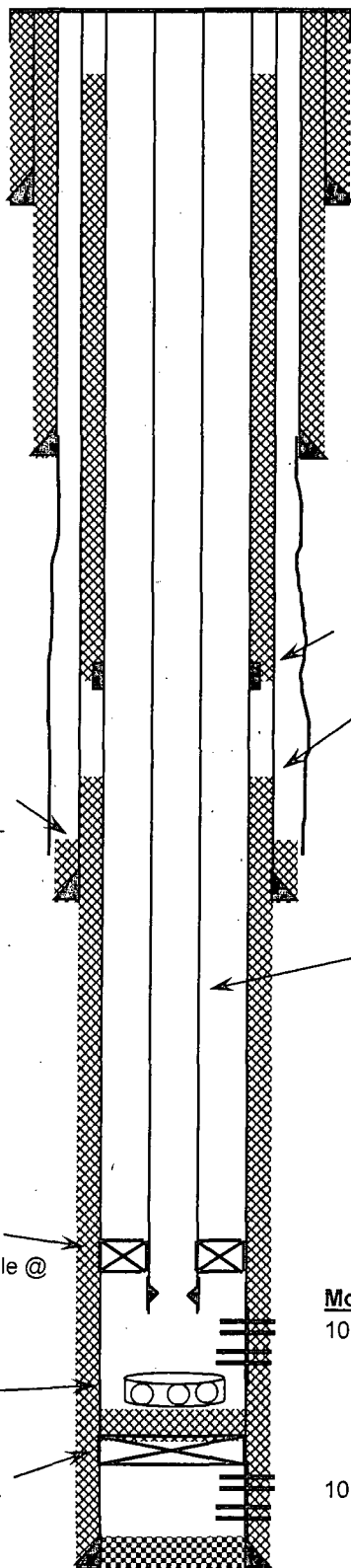
* See Attached COA's

CURRENT

Lease Name: Empire South Deep Unit
 Well No. 23
 Location: 1980' FNL & 660' FWL
 Sec.: D-1
 Twn 18S
 Range 28E
 Cost Center

Field: Empire South
 Reservoir: Morrow-Gas
 GL: 3657'
 KB: 3675'
 DF:
 Status:

API No.: 30-015-31620
 REFNO: HD0083
 Spud Date: 5/22/2001
 Comp. Date: 8/6/2001
 County: Eddy
 State: New Mexico
 Type Lease: State



Hole Size: 17 1/2"
 Csg. Size: 13 3/8" 48# J-55
 Set @: 398'
 Sks. Cmt.: 440 sx. "C"
 TOC @: Surface
 Circ: Y/N: Y

Hole Size: 12 1/4"
 Csg. Size: 8 5/8" 32# J-55
 Set @: 3099'
 Sks. Cmt.: 1180 sx.
 TOC @: Surface
 Circ: Y/N: Y

Hole Size: 7 7/8"
 Csg. Size: 7" 29# P110
 Set @: 9396'
 Sks. Cmt.: 300 sx. "H"
 TOC @:
 Circ: Y/N: N

Hole Size: 6 1/8"
 Csg. Size: 4 1/2" 11.6# P-110
 Set @: 10,950'
 Sks. Cmt.: 601 sx.
 TOC @:
 Circ: Y/N: N

PBTD: 10,795'
 TD: 10,950'

Updated: 3/25/2014

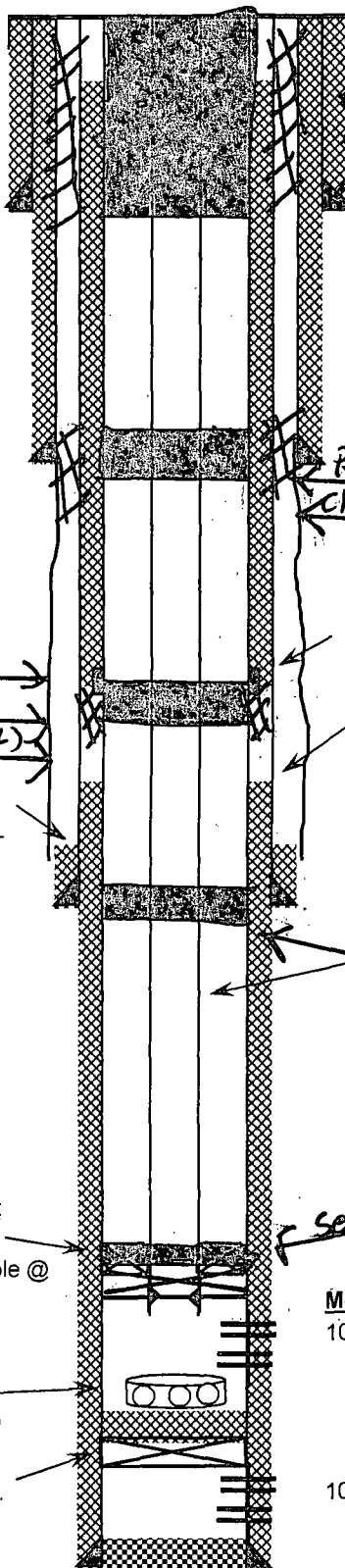
By: mmke

Proposed

Lease Name: Empire South Deep Unit
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 Sec.: D-1
 Twn 18S
 Range 28E
 Cost Center

Field: Empire South
 Reservoir: Morrow-Gas
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 Sks. Cmt.: 601 sx.
 TOC @:
 Circ: Y/N: N

Port & Sqz w/ 30 sks
 @ 8387' - 8181'
 (OC & TAB, COU Tool)
 7" TOC Est. @
 9050' from CBL
 response

DV Tool @ 8287'. BOC @ DV tool

Est TOC @ 8,665' by CBL - (Reported cement circulated from DV on stage 1)

335 jts. 2 3/8" 4.7# N-80 EUE
 SET PLUG w/ 25 sks of Class H @ 9496' - 9296'
 (SHOE)

Morrow Perfs
 10,718' - 10,737'

10,826' - 10,836'

4 1/2" Arrowset
 @ 10,611'
 1.875" "X" Nipple @
 10,617'
 EOT 10,688'

TCP guns
 10,745' - 10,795'

CIBP & 20' cmt.
 @ 10,815'

PBTD: 10,795'
 TD: 10,950'

Updated: 3/25/2014

By: mmke