

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

HOBBBS OCD State of New Mexico
Energy, Minerals and Natural Resources
NOV 12 2014
RECEIVED
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-025-00298
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name ROCK QUEEN UNIT
4. Well Location Unit Letter <u>K</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>30</u> Township <u>13S</u> Range <u>32E</u> NMPM County <u>LEA</u>		8. Well Number <u>77</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4377' KB		9. OGRID Number 240974
		10. Pool name or Wildcat CAPROCK; QUEEN

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 ☐
CLOSED-LOOP SYSTEM ☒
OTHER: ☐

E-PERMITTING

P&A NR P&A R
INT TO P&A COMP
CSNG CHG Loc
TA RBDMS CHART
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.

---SEE ATTACHED P&A PROCEDURE ALONG WITH CURRENT AND PROPOSED WELLBORE DIAGRAMS---

The Oil Conservation Division
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations

Spud Date:

Rig Release Date:

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

SIGNATURE Laura Pina TITLE REGULATORY TECH DATE 11/12/2014

Type or print name LAURA PINA E-mail address: lpina@legacylp.com PHONE: 432-689-5200

For State Use Only

APPROVED BY: Marky Brown TITLE Dist. Supervisor DATE 11/13/2014

Conditions of Approval (if any):

NOV 14 2014

ROCK QUEEN UNIT #77
API# 30-025-00298

Proposal to P&A:

Plugging rig in field, ready to move on 11/14/14.

- 1) MIRU P&A rig and related equipment. Check 4-1/2" and 4-1/2"-by-7-5/8" annulus for pressure. POOH standing back workstring. NU BOPE.
- 2) PU and RIH w/2-3/8" workstring to 3054' and spot 25 sx Cl C w/2% CaCl₂. PU and WOC a minimum of 4 hrs. RIH and tag TOC at/above 2954'. Circulate conventionally to surface with minimum 9.5 ppg salt gel and maintain circulation until returns are clean. POOH.
- 3) PU packer and RIH, set and test bottom plug. RU wireline w/pack-off and perforate (4) at 2290'. POOH & RD wireline.
- 4) EIR into perforations at 2290' and squeeze w/minimum 40 sx Cl C w/2% CaCl₂. Maintain final squeeze pressure for a minimum of 4 hours. Bleed down tubing, check for flow, and POOH. Remove packer, RIH w/BP & PS on tubing and tag TOC at above 2190'. POOH
- 5) RIH w/packer, set and pressure test last plug. RU wireline and perforate (4) at 1551'. POOH & RD wireline.
- 6) EIR into perforations at 1551' and squeeze w/minimum 40 sx Cl C containing 2% CaCl₂. Bleed down tubing, check for flow, and POOH. Remove packer, RIH w/BP & PS on tubing and WOC a total of 4 hours minimum before tagging TOC at above 1451'. POOH
- 7B. ^{*7)} ATTEMPT TO EST RATE OUT CASING LEAK
RU Wireline and perforate (4) at 320' RIH w/O-E tubing to 560' and establish circulation to TO SURFACE. 494'-559'
surface on the 4-1/2"-by-7-5/8" annulus. Fill 4-1/2" and 4-1/2"-by-7-5/8" to surface with a minimum 130 sx Cl C w/2% CaCl₂.
- 8) POOH and top off casing. RDMO. Remove wellhead and install DH marker. Clean and reclaim location.

→ IF SUCCESSFUL, CIRC CMT TO SURFACE.
IF UNABLE TO CIRC. THEN PERF @ 320' (7B)

LEGACY RESERVES LP

FIELD: Caprock
LEASE/UNIT: Rock Queen
COUNTY: Lea

DATE: 12-Nov-14
BY: MWM
WELL: 77
STATE: New Mexico

Location: 1980' FSL & 1980' FWL, Sec 30K, T13S, R32E
SPUD: 6/57 COMP: 7/57
CURRENT STATUS: Active Producer
Original Well Name: Carper Drilling Co. Superior A #1

KB = 4377'
GL = 4368'
API = 30-025-00298

11" 7-5/8" 26.4# @ 270' w/200 sx--circ'd

Csg leaks at 494'-559'.

Top Anhy @ 1462'
Top Salt @ 1551'
Base Salt @ 2190'
Top Yates @ 2299'
Top Queen @ 3054'

EXISTING

6-3/4"

Calc'd TOC @ 2343' w/enlargement = 15%; yld = 1.26 ft3/ft

Top of Queen @ 3054':
Queen: 3054' - 3059' (7-57)

4-1/2" 9.5# @ 3080' w/100 sx

PBTD -
TD - 3081'

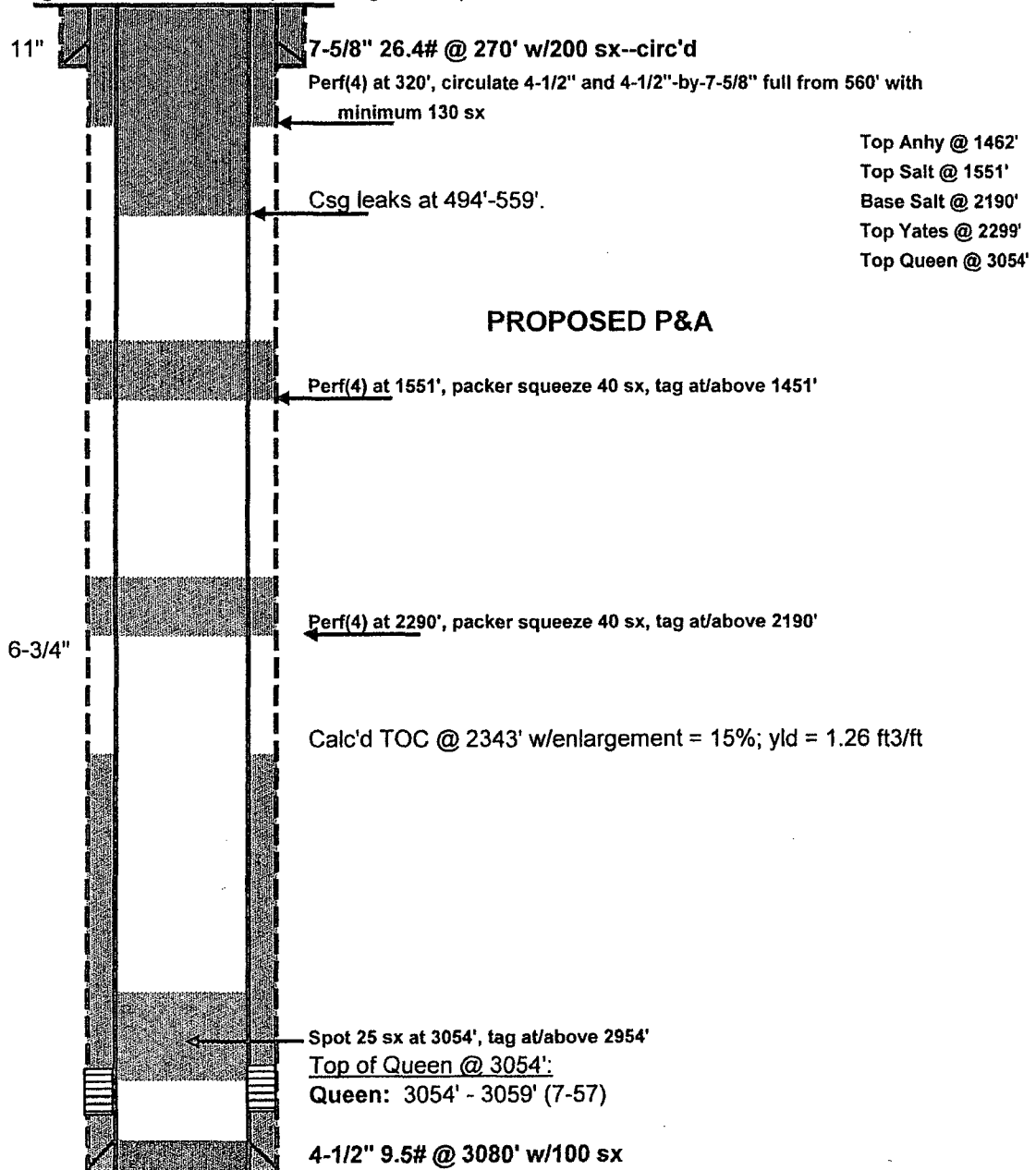
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