

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

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. 30-025-03199
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Injection Well		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Quantum Resources Management, LLC		6. State Oil & Gas Lease No. E 5837
3. Address of Operator 1401 McKinney St., Suite 2400, Houston, TX 77010		7. Lease Name or Unit Agreement Name Northeast Pearl Queen Unit
4. Well Location Unit Letter <u>K</u> : <u>1980</u> feet from the <u>South</u> line and <u>2180</u> feet from the <u>West</u> line Section <u>23</u> Township <u>19S</u> Range <u>35E</u> NMPM County <u>Lea</u>		8. Well Number <u>19</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3753' GR		9. OGRID Number 243874
		10. Pool name or Wildcat Pearl; 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 ☐

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.

Per the following P&A procedure, approved by the NM OCD 02/23/12; Quantum Resources wishes to request an extension to the approval deadline due to rig availability/scheduling. The proposed plugging date is 09/28/12.

QRM, LLC proposes to plug and abandon wellbore as follows:

MIRU PU. ND WH, NU BOP. PU x RIH w/ 2-3/8" tbg open ended. Load hole w/ plug mud. Spot 30 sk cmt plug from 4750' - 4250' to abandon Queen producing interval. WOC and tag. Spot sk cmt plug from 3100' - 3000' across base of salt. Spot 10 sk cmt plug from 1800' - 1700' across top of salt. Perf @ 245'. Set 40 sk in/out plug from 195' - 95' to isolate surface csg shoe. WOC and tag. Perf @ 60'. Circ cmt to sfc. Cut off all csqs and weld on 1/2" steel plate. Erect dead well marker.

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 Celeste G. Dale TITLE Sr. Regulatory Analyst DATE 08/14/12

Type or print name Celeste G. Dale E-mail address: cdale@qracq.com PHONE: 432-683-1500

For State Use Only

APPROVED BY: Mark S Brown TITLE Compliance Officer DATE 8/21/2012
Conditions of Approval (if any):

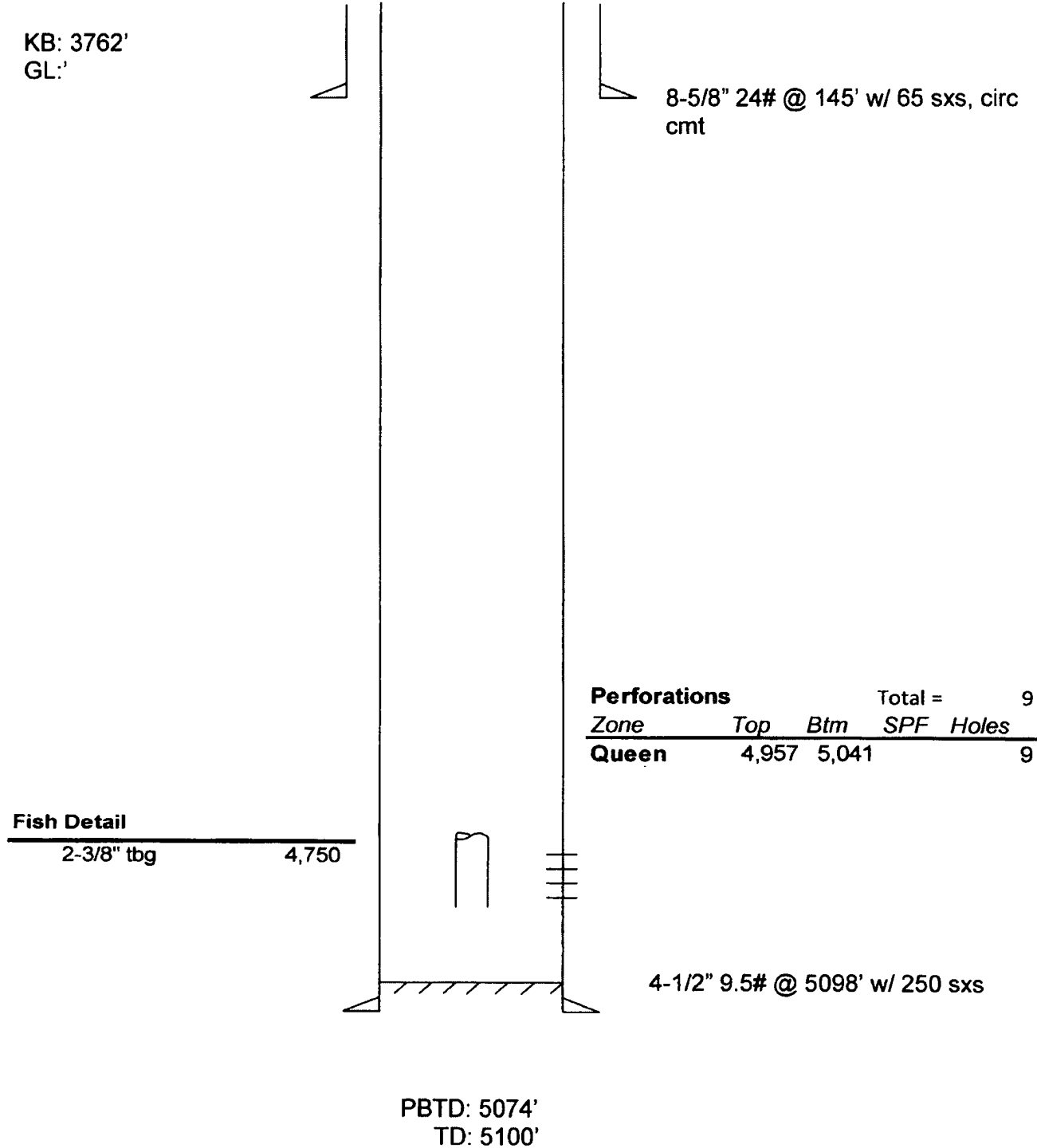
Oil Conservation Division - Hobbs office: **Must be Notified 24 hours prior** to the beginning of Plugging Operations begin

AUG 21 2012

NORTHEAST PEARL QUEEN UNIT 19
PEARL Field
QUEEN Zone

API: 30-025-03199
19S 35E 23K
Lea County, NM

Current Wellbore Configuration



NORTHEAST PEARL QUEEN UNIT 19
PEARL Field
QUEEN Zone

API: 30-025-03199
19S 35E 23K
Lea County, NM

Proposed Wellbore Configuration

KB: 3762'
GL:'

Perf @ 60', circ cmt to sfc

40 sk in/out plug set from 195' – 95'
Perfs @ 195'

10 sk cmt plug 1800' – 1700'

10 sk cmt plug 3100' – 3000'

30 sk cmt plug 4750' – 4250'

Fish Detail

2-3/8" tbg 4,750

8-5/8" 24# @ 145' w/ 65 sxs, circ cmt

Perforations				Total =
Zone	Top	Btm	SPF	Holes
Queen	4,957	5,041		9

4-1/2" 9.5# @ 5098' w/ 250 sxs

PBTD: 5074'
TD: 5100'