

Submit 1 Copy To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
October 13, 2009

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

WELL API NO.  
30-015-01877

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
647

7. Lease Name or Unit Agreement Name  
State 647 AC 713

8. Well Number 115

9. OGRID Number  
184860

10. Pool name or Wildcat  
Artesia; Queen-Grayburg-San Andres

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

2. Name of Operator  
Quantum Resources Management, LLC

3. Address of Operator  
1401 McKinney St. Ste 2400 Houston, TX 77010

4. Well Location  
Unit Letter O: 990 feet from the South line and 2310 feet from the East line  
Section 15 Township 18S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3610' 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.

Quantum Resources Management, LLC proposes to plug & abandon the wellbore as follows:

\* MIRU PU. ND WH, NU BOP. Clean out well as deep as possible.  
Circulate wellbore w/ P&A mud (25 sxs gel / 100 bbls water).  
Set 40 sk cmt plug from 2310' - 2500'. WOC. Tag plug.  
Set 25 sk cmt plug from 587' - 687'. WOC. Tag plug.  
Set 15 sk cmt plug from 3' - 60'.  
Cut off casing and weld on 1/2" steel plate. Install dead well marker.

**Notify OCD 24 hrs. prior  
to any work done.**

RECEIVED

FEB 28 2011

NMOCD ARTESIA

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 Erick A. Rodriguez TITLE Regulatory Analyst DATE 2/25/11

Type or print name Erick A. Rodriguez E-mail address: erodriguez@qracq.com PHONE: (713) 634-4612

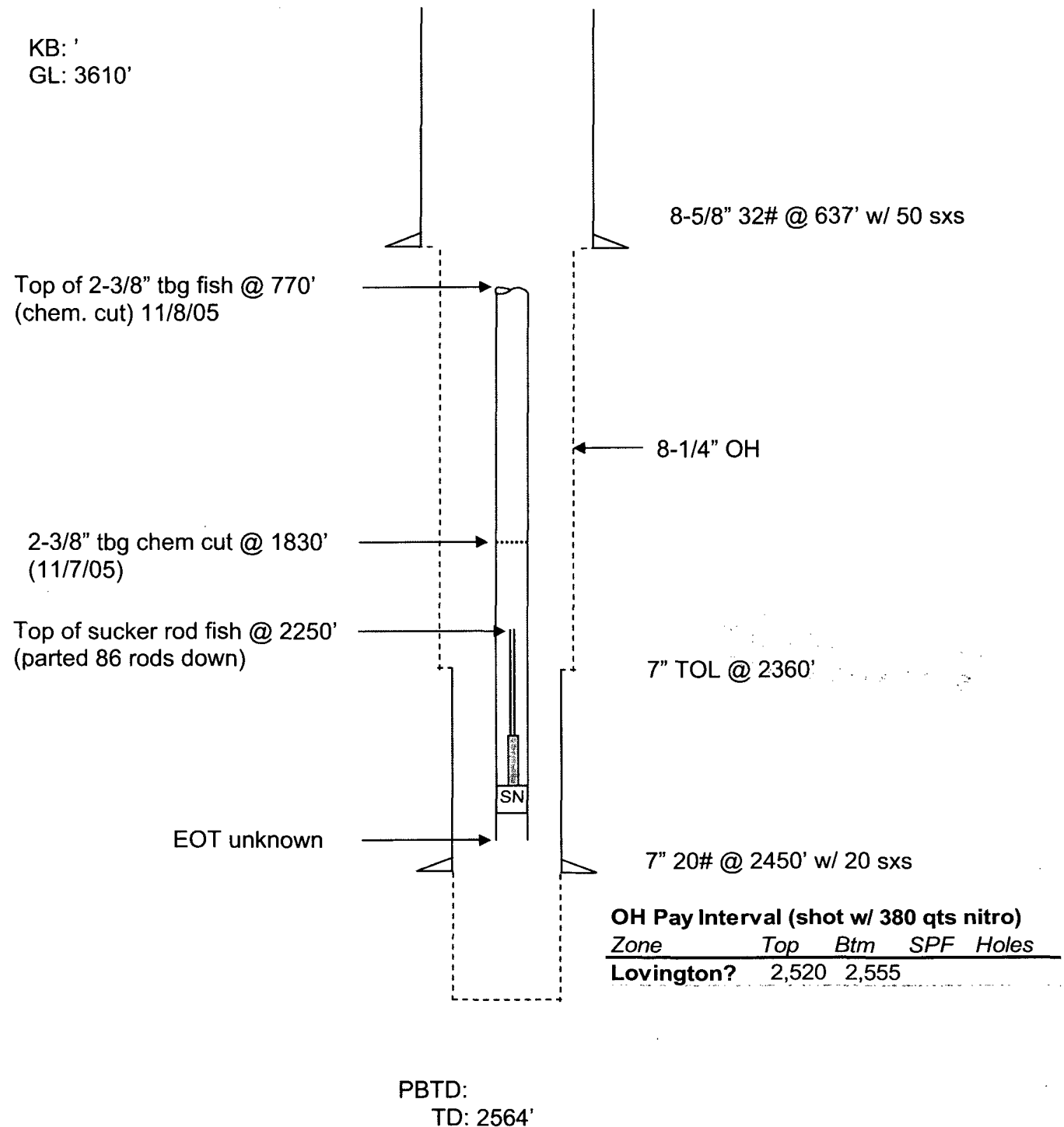
For State Use Only

\* APPROVED BY: [Signature] TITLE Approval Granted providing work  
is complete by 6/1/2011 DATE 3/1/2011  
Conditions of Approval (if any):

STATE 647 AC 713 115  
 ARTESIA Field  
 QUEEN / GRAYBURG / SAN ANDRES Zone

API: 30-015-01877  
 18S 28E 15O  
 Eddy County, NM

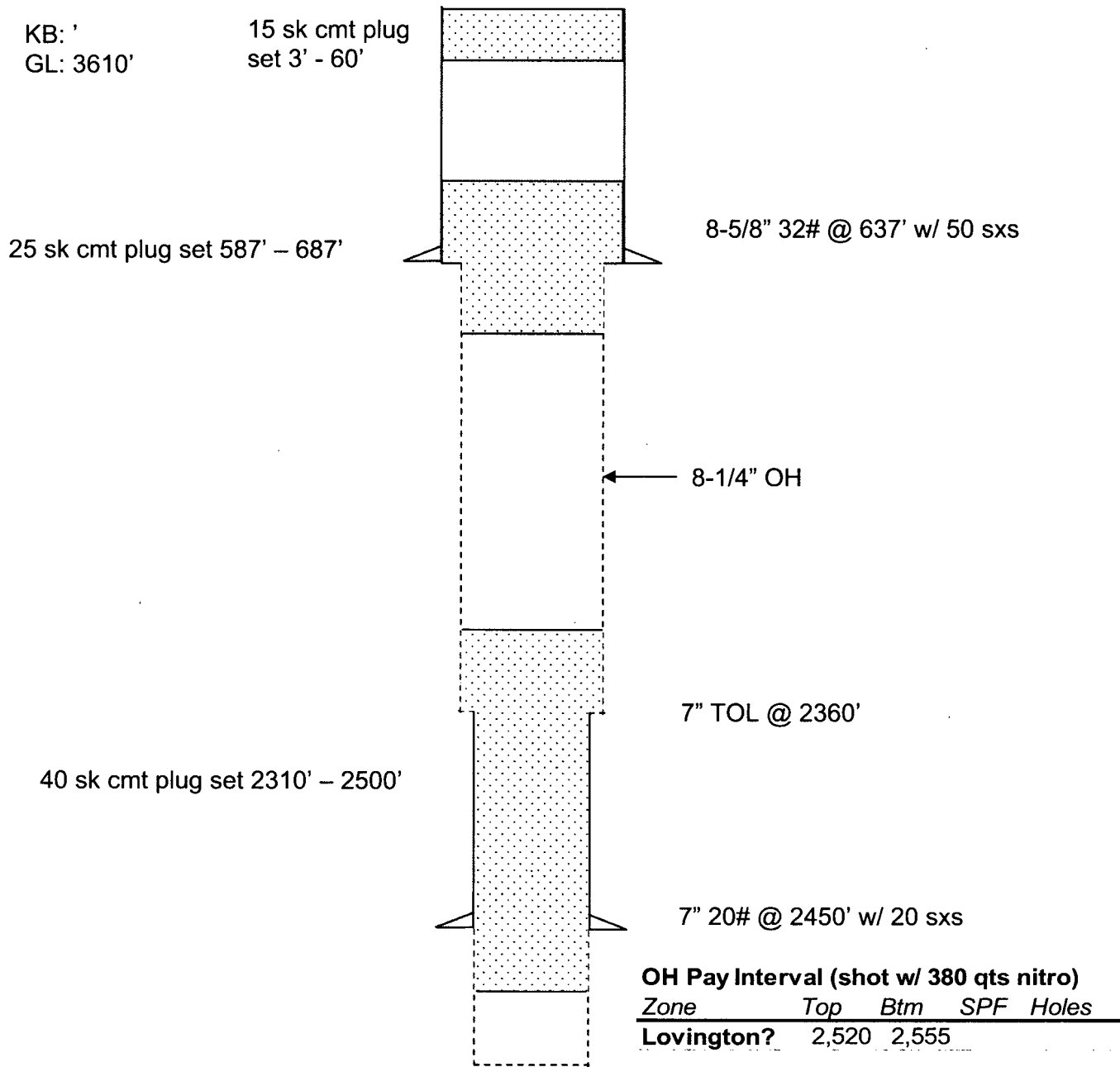
**Current Wellbore Configuration**



STATE 647 AC 713 115  
ARTESIA Field  
QUEEN / GRAYBURG / SAN ANDRES Zone

API: 30-015-01877  
18S 28E 15O  
Eddy County, NM

**Proposed Wellbore Configuration**



PBTD:  
TD: 2564'