

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.
30-015-10782

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
647

7. Lease Name or Unit Agreement Name
State 647 AC 721

8. Well Number 207

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 Injection

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 I: 1980 feet from the South line and 990 feet from the East line
Section 33 Township 18S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3538' 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.

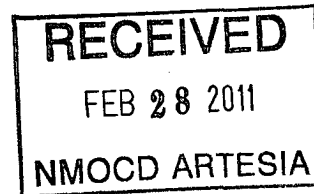
**Notify OCD 24 hrs. prior
to any work done.**

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

MIRU PU. ND WH. NU BOP. POOH w/ tbg & pkr. Load hole w/ plug mud.

Set CIBP @ 2600'. Cap w/ 35' cmt. Perf @ 548'. Spot 30 sk cmt in/out plug from 548' - 448' to isolate the surface csg shoe. *Woc Tag*
Perf @ 60'. Circ cmt to sfc. Cut off all csgs and weld on 1/2" steel plate. Erect dead well marker.

**COA - Cap CIBP @ 2720' w/ 35' on 25 sk cmt
Tag surface csg shoe plug*



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: PhD Harker TITLE Approval Granted providing work DATE 3/2/2011
Conditions of Approval (if any): is complete by 6/2/2011

STATE 647 AC 721 207
 ARTESIA Field
 QUEEN / GRAYBURG / SAN ANDRES Zone

API: 30-015-10782
 18S 28E 33I
 Eddy County, NM

Proposed Wellbore Configuration

KB: 3545'
 GL: 3538'

Perf @ 60', circ cmt to sfc

8-5/8" 24# J-55 ST&C @ 498'
 w/ 115 sxs

HIC @ 500' sqzd w/ 75 sxs
 (2010)

WOC Tag { Perf @ 548' and set 30 sk
 in/out plug from 548' - 448'

CIBP @ 2600' w/ 35' cmt

CIBP @ 2720'
Cap w/ 35' or 259x cmt

Perforations				Total =	70
Zone	Top	Btm	SPF	Holes	
San Andres	2,644	2,648	4	16	
	2,656	2,662	4	24	
	2,668	2,674	4	24	
	2,696		2	2	
	2,768		2	2	
	2,786		2	2	

PBTD: 2822'
 TD: 2824'

4-1/2" 11.6# J-55 ST&C @ 2824'
 w/ 200 sxs

STATE 647 AC 721 207
 ARTESIA Field
 QUEEN / GRAYBURG / SAN ANDRES Zone

API: 30-015-10782
 18S 28E 33I
 Eddy County, NM

Current Wellbore Configuration

KB: 3545'
 GL: 3538'

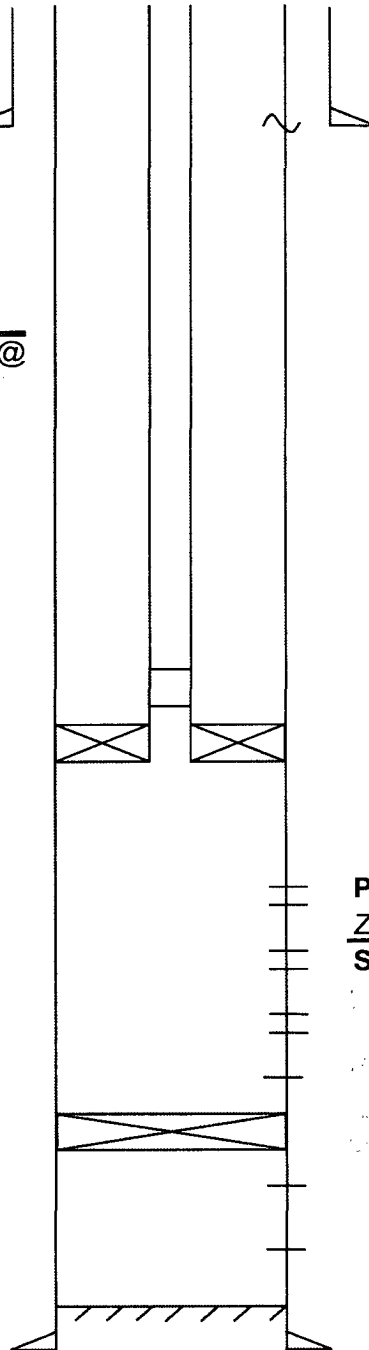
8-5/8" 24# J-55 ST&C @ 498'
 w/ 115 sxs

HIC @ 500' sqzd w/ 75 sxs
 (2010)

Tubing Detail

jts	Component	Top @
	2-3/8" 4.7# J-55 IPC	
	Pkr	

CIBP @ 2720'



PBTD: 2822'
 TD: 2824'

Perforations				Total =	70
Zone	Top	Btm	SPF	Holes	
San Andres	2,644	2,648	4	16	
	2,656	2,662	4	24	
	2,668	2,674	4	24	
	2,696		2	2	
	2,768		2	2	
	2,786		2	2	

4-1/2" 11.6# J-55 ST&C @ 2824'
 w/ 200 sxs