

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. 30-025-30156
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 type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator RAM ENERGY LLC		6. State Oil & Gas Lease No. 313857
3. Address of Operator 2100 S. UTICA AVE., SUITE 175, TULSA, OK 74114		7. Lease Name or Unit Agreement Name WEST DOLLARHIDE QUEEN SAND UNIT
4. Well Location Unit Letter <u>K</u> <u>1570</u> feet from the <u>WEST</u> line and <u>2380</u> feet from the <u>SOUTH</u> line Section <u>30</u> Township <u>24S</u> Range <u>38E</u> NMPM LEA County		8. Well Number 105
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3132' KB		9. OGRID Number 309777
		10. Pool name or Wildcat DOLLARHIDE QUEEN (018810)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

1. NOTIFY NMOC 24 HRS. BEFORE MIRU.
2. MIRU. ND WH, NU BOPE.
3. SET CIBP@3600' AND SPOT 25SX OF CLASS "C" CEMENT FROM 3600'-3350'. (PERFS)
4. CIRCULATE 9.5 PPG MLF AND TEST CASING.
5. SPOT 35SX OF CLASS "C" CEMENT FROM 2800'-2520'. WOC&TAG. (YATES/B.SALT)
6. SPOT 25SX OF CLASS "C" CEMENT FROM 1265'-1115'. WOC&TAG. (T.SALT)
7. SPOT 55SX OF CLASS "C" CEMENT FROM 466'-SURFACE. VERIFY CEMENT TO SURFACE. (FW/SHOE/SURFACE).
8. CUTOFF WELLHEAD, ANCHORS 3' BELOW SURFACE AND INSTALL DRYHOLE MARKER. TURN OVER FOR RECLAMATION.

CLOSED LOOP CONTAINMENT SYSTEM WILL BE USED FOR FLUIDS.

Spud Date:

Rig Release Date:

See Attached
Conditions of Approval

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

SIGNATURE MP TITLE OPERATIONS MANAGER DATE 08/26/19

Type or print name MATTHEW PATTERSON E-mail address: MPATTERSON@RAMENERGY.NET PHONE: (918)947-6301
For State Use Only

APPROVED BY: Kerry Fortner TITLE C. O. A DATE 9-5-19

Conditions of Approval (if any):

WELLBORE DIAGRAM
WEST DOLLARHIDE QUEEN SAND UNIT #105
CURRENT

Created: 08/26/19 By: LEE R.
Updated: _____ By: _____
Lease: WEST DOLLARHIDE QUEEN SAND UNIT
Field: QUEEN
Surf. Loc.: 1570' FWL & 2380' FSL
Bot. Loc.: _____
County: LEA St.: NM
Status: _____

Well #: 105
API: 30-025-30156
Unit Ltr.: K Sec. 30
TSHP/Rng: 24S-T38E
Pool Code: OGRID: 309777
Directions: _____

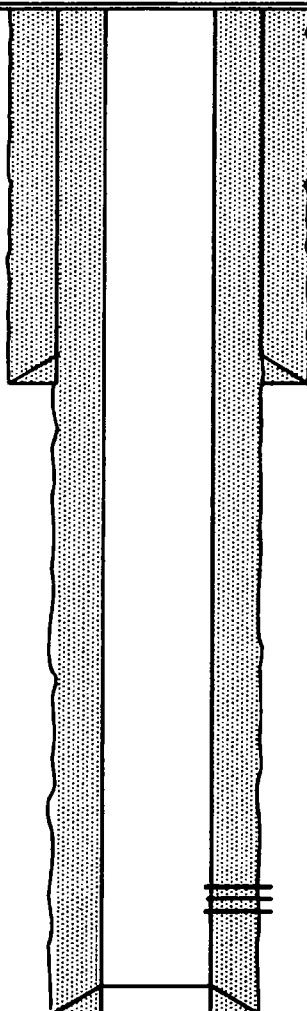
Surface Casing

Size: 8-5/8"
Wt., Grd.: 24#
Depth: 411'
Sxs Cmt: 250
Circulate: YES
TOC: SURFACE
Hole Size: 12-1/4"

FORMATION TOPS	
T. Salt	<u>1215'</u>
B. Salt	<u>2570'</u>

Intermediate Casing

Size: 5-1/2"
Wt., Grd.: 17#
Depth: 3985'
Sxs Cmt: 1000
Circulate: YES
TOC: SURFACE
Hole Size: 7-7/8"



Queen: 3654'-3812'(OA)

WELLBORE DIAGRAM
WEST DOLLARHIDE QUEEN SAND UNIT #105
PROPOSED

Created: <u>08/26/19</u>	By: <u>LEE R.</u>	Well #: <u>105</u>
Updated: _____	By: _____	API: <u>30-025-30156</u>
Lease: <u>WEST DOLLARHIDE QUEEN SAND UNIT</u>		Unit Ltr.: <u>K</u> Sec. <u>30</u>
Field: <u>QUEEN</u>		TSHR/Rng: <u>24S-T38E</u>
Surf. Loc.: <u>1570' FWL & 2380' FSL</u>		Pool Code: _____ OGRID: <u>309777</u>
Bot. Loc.: _____		Directions: _____
County: <u>LEA</u> St.: <u>NM</u>		
Status: _____		

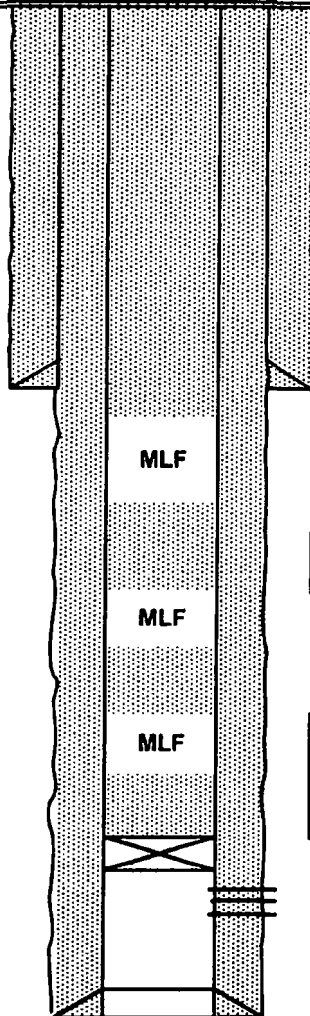
Surface Casing

Size: 8-5/8"
Wt., Grd.: 24#
Depth: 411'
Sxs Cmt: 250
Circulate: YES
TOC: SURFACE
Hole Size: 12-1/4"

FORMATION TOPS	
T. Salt	1215'
B. Salt	2570'

Intermediate Casing

Size: 5-1/2"
Wt., Grd.: 17#
Depth: 3985'
Sxs Cmt: 1000
Circulate: YES
TOC: SURFACE
Hole Size: 7-7/8"



**SPOT 55SX OF CMT FROM 466'-SURFACE.
VERIFY. (FW/SHOE/SURFACE)**

**SPOT 25SX OF CMT FROM 1265'-1115'.
WOC&TAG. (T.SALT)**

**SPOT 35SX OF CMT FROM 2800'-2520'.
WOC&TAG. (YATES/B.SALT)
SET CIBP@3600' AND SPOT 25SX ON TOP
FROM 3600'-3350'.(PERFS)**

Queen: 3654'-3812'(OA)

GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.