

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

Form C-103  
Revised August 1, 2011

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

HOBBSOCD  
RECEIVED  
8/22/2019

WELL API NO. 30-025-30305
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-9311
7. Lease Name or Unit Agreement Name WEST DOLLARHIDE QUEEN SAND UNIT
8. Well Number 148
9. OGRID Number 309777
10. Pool name or Wildcat DOLLARHIDE QUEEN (018810)

SUNDRY NOTICES AND REPORTS ON WELL (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG A WELL TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other INJECTOR

2. Name of Operator  
RAM ENERGY LLC

3. Address of Operator  
2100 S. UTICA AVE., SUITE 175, TULSA, OK 74114

4. Well Location  
Unit Letter J 700 feet from the SOUTH line and 550 feet from the WEST line  
Section 32 Township 24S Range 38E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3135' 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 ☐

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.

1. NOTIFY NMOCDD 24 HRS. BEFORE MIRU.
2. MIRU. ND WH, NU BOPE.
3. SET CIBP@3500'. SPOT 25SX OF CLASS "C" CEMENT FROM 3500'-3250'.
4. CIRCULATE 9.5 PPG MLF AND TEST CASING.
5. SPOT 35SX OF CLASS "C" CEMENT FROM 2725'-2405'. WOC&TAG. (YATES/B.SALT)
6. SPOT 25SX OF CLASS "C" CEMENT FROM 1250'-1100'. WOC&TAG. (T.SALT)
7. SPOT 55SX OF CLASS "C" CEMENT FROM 462'-SURFACE. VERIFY CEMENT TO SURFACE. (FW/SOPE/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 11/25/19

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

APPROVED BY: Kerry Jath TITLE C.O. A DATE 12-11-19  
Conditions of Approval (if any):

**WELLBORE DIAGRAM  
WEST DOLLARHIDE QUEEN SAND UNIT #148**

Created: 11/25/19 By: LEE R.  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: WEST DOLLARHIDE QUEEN SAND UNIT  
 Field: QUEEN  
 Surf. Loc.: 700' FSL & 550' FWL  
 Bot. Loc.: \_\_\_\_\_  
 County: LEA St.: NM  
 Status: \_\_\_\_\_

Well #: 148  
 API: 30-025-30305  
 Unit Ltr.: M Sec. 32  
 TSHP/Rng: 24S-T38E  
 Pool Code: \_\_\_\_\_ OGRID: 309777  
 Directions: \_\_\_\_\_

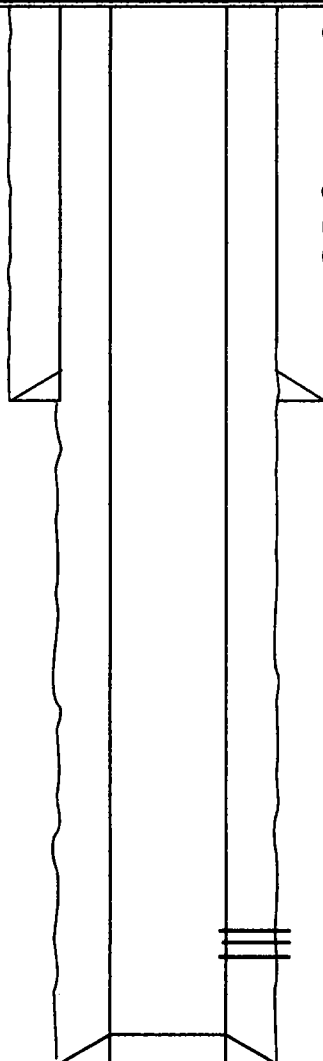
**Surface Casing**

Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 412'  
 Sxs Cmt: 250  
 Circulate: YES  
 TOC: SURFACE  
 Hole Size: 12-1/4"

FORMATION TOPS	
T. Salt	1200' EST.
B. Salt	2505' EST.

**Intermediate Casing**

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 3860'  
 Sxs Cmt: 1100  
 Circulate: YES  
 TOC: SURFACE  
 Hole Size: 7-7/8"



**Queen: 3553'-3727'(OA)**

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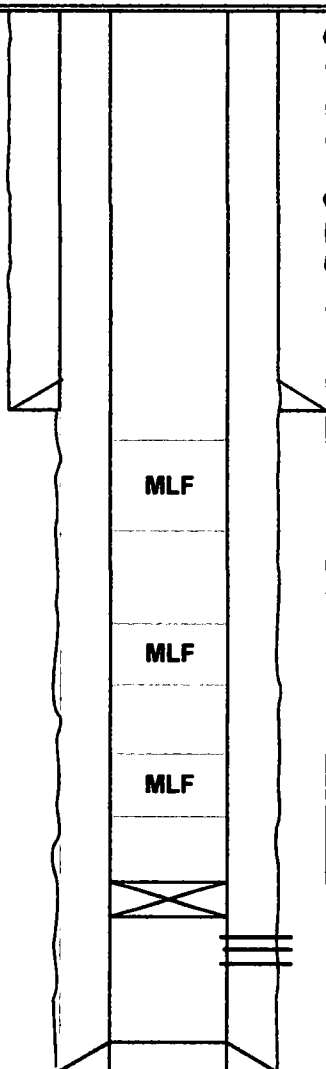
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 Circulate: YES  
 TOC: SURFACE  
 Hole Size: 7-7/8"



**SPOT 55SX OF CMT FROM 462'-SURFACE.  
VERIFY. (FW/SHOE/SURFACE)**

**SPOT 25SX OF CMT FROM 1250'-1100'.  
WOC&TAG. (T.SALT)**

**SPOT 35SX OF CMT FROM 2725'-2405'.  
WOC&TAG. (YATES/B.SALT)  
SET CIBP@3500' AND SPOT 25SX ON TOP  
FROM 3500'-3250'.(PERFS)**

**Queen: 3553'-3727'(OA)**

## **CONDITIONS FOR PLUGGING AND ABANDONMENT**

### **OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-399-3221 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.