

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

**HOBBS OGD**  
**RECEIVED**  
**OCT 24 2018**  
CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-025-12269 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION		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 SANDS UNIT ✓
4. Well Location Unit Letter <u>K</u> : <u>2310</u> feet from the <u>WEST</u> line and <u>1650</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 <u>13</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3120' 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:**  
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 NMOC 24 HRS. BEFORE MIRU.
2. MIRU. ND WH, NU BOPE. 25
3. SET CIBP@3550' AND SPOT 20SX OF CLASS "C" CEMENT FROM 3550'-3270'. (PERFS/SOHE)
4. CIRCULATE 9.5 PPG MLF AND TEST CASING.
5. SPOT 25SX OF CLASS "C" CEMENT FROM 2730'-2450'. WOC&TAG. (YATES/B.SALT)
6. SPOT 25SX OF CLASS "C" CEMENT FROM 1322'-1172'. WOC&TAG. (T.SALT)
7. SPOT 30SX OF CLASS "C" CEMENT FROM 350'-SURFACE. VERIFY CEMENT TO SURFACE. (FW/SURFACE).
8. CUTOFF WELLHEAD AND ANCHORS 3' BELOW SURFACE. 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 M.P.P. TITLE OP MGR DATE 10/22/18

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

APPROVED BY: Mark Patterson TITLE P.E.S. DATE 10/24/2018  
Conditions of Approval (if any):

**WELLBORE DIAGRAM**  
**WEST DOLLARHIDE QUEEN SANDS UNIT #13**

**CURRENT**

Created: 10/16/18 By: LEE R.  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: WEST DOOLARHIDE QUEEN SANDS UNIT  
 Field: QUEEN  
 Surf. Loc.: 2310' FWL & 1650' FSL  
 Bot. Loc.: \_\_\_\_\_  
 County: LEA St.: NM  
 Status: \_\_\_\_\_

Well #: 13  
 API: 30-025-12269  
 Unit Ltr.: K Section: 30  
 TSHP/Rng: T24S / R38E  
 Pool Code: \_\_\_\_\_ OGRID: 309777  
 Directions: \_\_\_\_\_

**Surface Casing**

Size: 9-5/8"  
 Wt., Grd.: 36#  
 Depth: 291'  
 Sxs Cmt: 275  
 Circulate: yes  
 TOC: surface  
 Hole Size: 13-3/8"

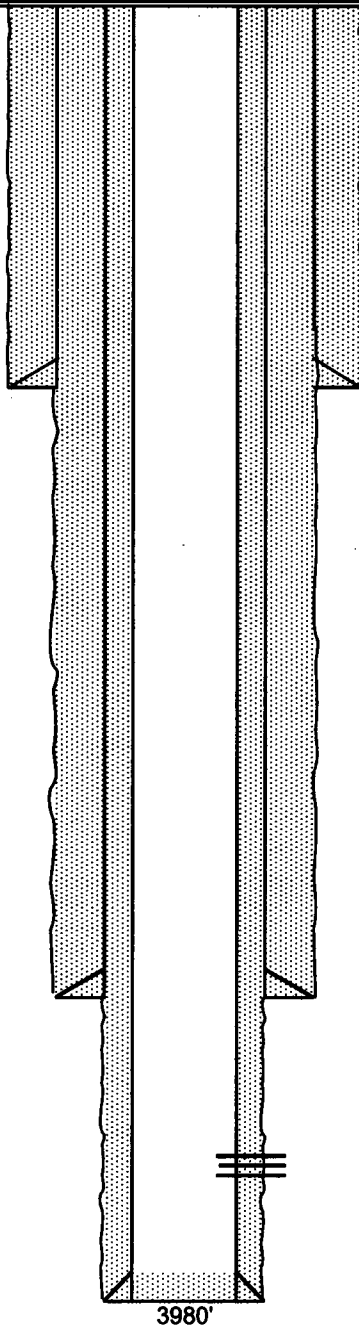
FORMATION TOPS	
T.Salt	<u>1272'</u>
B. Salt	<u>2580'</u>

**Intermediate Casing**

Size: 7"  
 Wt., Grd.: 23#  
 Depth: 3675'  
 Sxs Cmt: 880  
 Circulate: yes  
 TOC: surface  
 Hole Size: 8-3/4"

**Production Casing**

Size: 4-1/2"  
 Wt., Grd.: 10.5#  
 Depth: 3980'  
 Sxs Cmt: 700  
 Circulate: yes  
 TOC: surface  
 Hole Size: 6-1/8"



**Queen: 3605'-3744'**

**WELLBORE DIAGRAM**  
**WEST DOLLARHIDE QUEEN SANDS UNIT #13**

**PROPOSED**

Created: 10/16/18 By: LEE R.  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: WEST DOLLARHIDE QUEEN SANDS UNIT  
 Field: QUEEN  
 Surf. Loc.: 2310' FWL & 1650' FSL  
 Bot. Loc.: \_\_\_\_\_  
 County: LEA St.: NM  
 Status: \_\_\_\_\_

Well #: 13  
 API: 30-025-12269  
 Unit Ltr.: K Section: 30  
 TSHP/Rng: T24S / R38E  
 Pool Code: OGRID: 309777  
 Directions: \_\_\_\_\_

**Surface Casing**

Size: 9-5/8"  
 Wt., Grd.: 36#  
 Depth: 291'  
 Sxs Cmt: 275  
 Circulate: yes  
 TOC: surface  
 Hole Size: 13-3/8"

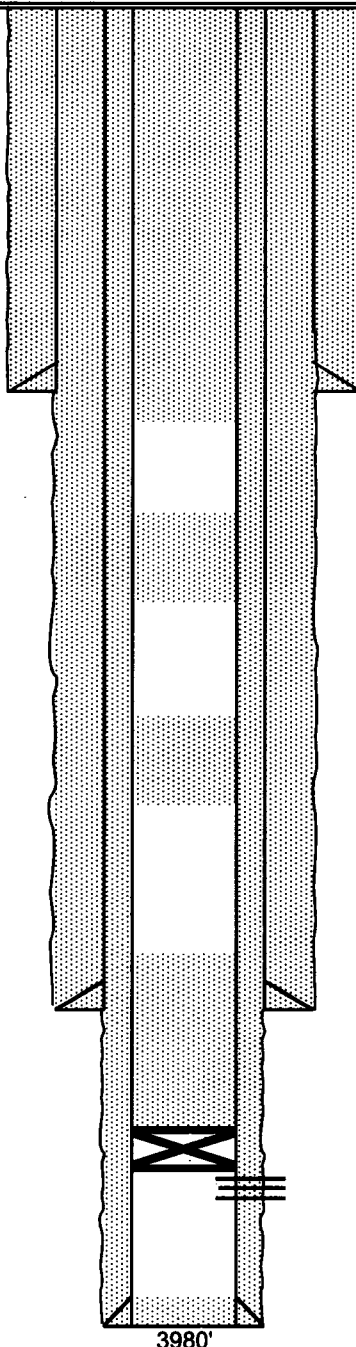
FORMATION TOPS	
T. Salt	1272'
B. Salt	2580'

**Intermediate Casing**

Size: 7"  
 Wt., Grd.: 23#  
 Depth: 3675'  
 Sxs Cmt: 880  
 Circulate: yes  
 TOC: surface  
 Hole Size: 8-3/4"

**Production Casing**

Size: 4-1/2"  
 Wt., Grd.: 10.5#  
 Depth: 3980'  
 Sxs Cmt: 700  
 Circulate: yes  
 TOC: surface  
 Hole Size: 6-1/8"



**SPOT 30SX OF CMT FROM 350'-SURF.  
(FW/SHOE/SURFACE)**

**SPOT 25SX OF CMT FROM 1322'-1172'.  
WOC&TAG. (T.SALT)**

**SPOT 25SX OF CMT FROM 2730'-2450'.  
WOC&TAG. (YATES/B.SALT)**

**CIBP@3550' + 20SX CMT. FROM 3350'-  
3270' WOC&TAG. (PERFS)  
Queen: 3605'-3744'**

**WELLBORE DIAGRAM  
ETZ STATE #116**

**FINAL P&A**

Created: 10/17/17 By: LEE R.  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: ETZ STATE  
 Field: GRAYBURG JACKSON  
 Surf. Loc.: 330' FSL & 1980' FEL  
 Bot. Loc.: \_\_\_\_\_  
 County: EDDY St.: NM  
 Status: \_\_\_\_\_

Well #: 116 Lse. B-936  
 API: 30-015-04172  
 Unit Ltr.: O Section: 16  
 TSHP/Rng: T17S / R301E  
 Pool Code: \_\_\_\_\_ OGRID: 229137  
 Directions: \_\_\_\_\_

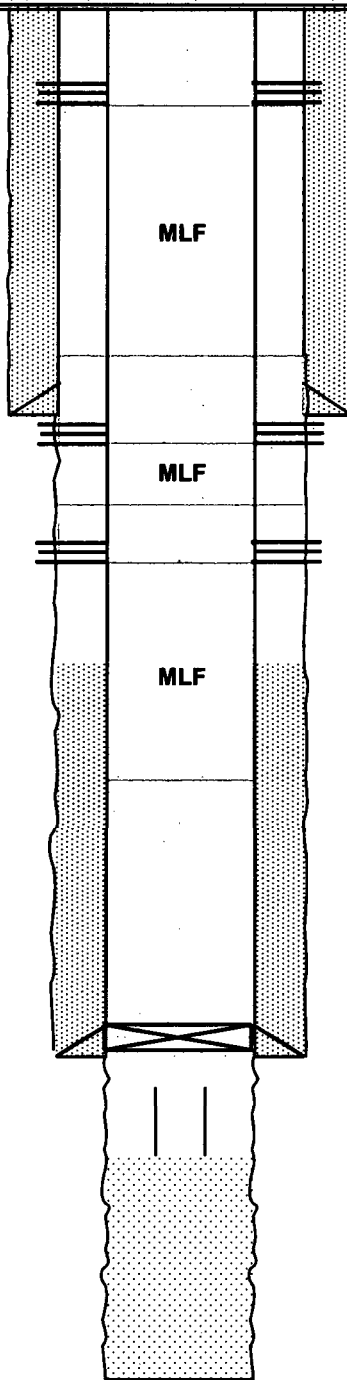
**Surface Casing**

Size: 8 5/8"  
 Wt., Grd.: 32#  
 Depth: 545'  
 Sxs Cmt: 65  
 Circulate: ?  
 TOC: ?  
 Hole Size: 11"

FORMATION TOPS	
T. Salt	555'
B. Salt	1040'

**Production Casing**

Size: 7"  
 Wt., Grd.: 24#  
 Depth: 2534'  
 Sxs Cmt: 50  
 Circulate: ?  
 TOC: ?  
 Hole Size: 7-7/8" EST.



**P&S 60'-52' W/65SX OF CMT. DUE TO NO RETURNS. WOC&TAG@52'. P&S: 52'-SURFACE W/40SX OF CMT. VERIFY CEMENT TO SURF.**

**P&S 595'-495' W/30SX OF CMT. WOC&TAG@452'. (T.SALT/SHOE)**

**P&S 1090'-990' W/25SX OF CMT. WOC&TAG@924'. (B.SALT)**

**CUT 2-3/8" TUBING@2450' W/APPRVAL FROM NMOCD-GILBERT CORDERO. SET CIBP@2450' + 75SX CMT. FROM 2450'-1976' WOC&TAG@1930'. (PERFS/Q)**

**Plugback to 2815' w/ gravel.**

**Grayburg Open Hole: 2534'-3271'**

TD 3275'

## 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'.