

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

HOBBS OCD State of New Mexico
Energy, Minerals and Natural Resources

RECEIVED

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-05207	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name WT Mann 'B'	
8. Well Number 4	
9. OGRID Number 295770	
10. Pool name or Wildcat Denton, Devonian	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Resolute Natural Resources Co., LLC	
3. Address of Operator 1700 Lincoln St, Ste 2800 Denver, CO 80203	
4. Well Location Unit Letter J : 1980 feet from the south line and 2310 feet from the east line Section 36 Township 14S Range 37E NMPM 6 County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3800' GL	

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

NOTICE OF INTENTION TO:		E-PERMITTING <SWD INJECTION>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	CONVERSION	RBDMS
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	RETURN TO	TA
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CSNG	ENVIRO
DOWNHOLE COMMINGLE <input type="checkbox"/>		INT TO P&A NR	P&A R
CLOSED-LOOP SYSTEM <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.

Resolute proposes to plug and abandon the subject well by:

- WT Mann B #4 35 ← CIRC. MLF & PRESSURE TEST CSG
- Spot 25 sacks @ 9800' ← PERF & SQZ @ 8018' w/ 30SXS WOC & TAG
 - Perf & squeeze 35 sacks @ 6200'
 - Spot 25 sacks @ 4839' 50' below the intermediate shoe and tag. ✓
 - Remove casing 7" casing from a minimum of 3000', or perforate at 3000', squeeze 35 sacks at base of salt. L SPOT STUB PLUG 50' IN/50' OUT ← WOC & TAG
 - If casing removed-spot 35 sacks @ 2200' top of salt-otherwise perforate and squeeze. WOC & TAG
 - If casing removed-spot perf and squeeze 35 sacks @ 361' and tag or circulate cement to surface
 - If cement not circulated to surface, circulate cement from 60' to surface
- Wellbore diagrams (current and proposed) are attached.

The Oil Conservation Division

Spud Date:

Rig Release Date:

MUST BE NOTIFIED 24 Hours

Prior to the beginning of operations

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

SIGNATURE Sherry Glass TITLE Sr Regulatory Analyst DATE 08/20/2015

Type or print name Sherry Glass E-mail address: sglass@resoluteenergy.com PHONE: 303-573-4886, 1580

For State Use Only

APPROVED BY: Mary Brown TITLE Dist Supervisor DATE 8/20/2015

Conditions of Approval (if any):

AUG 21 2015

MB

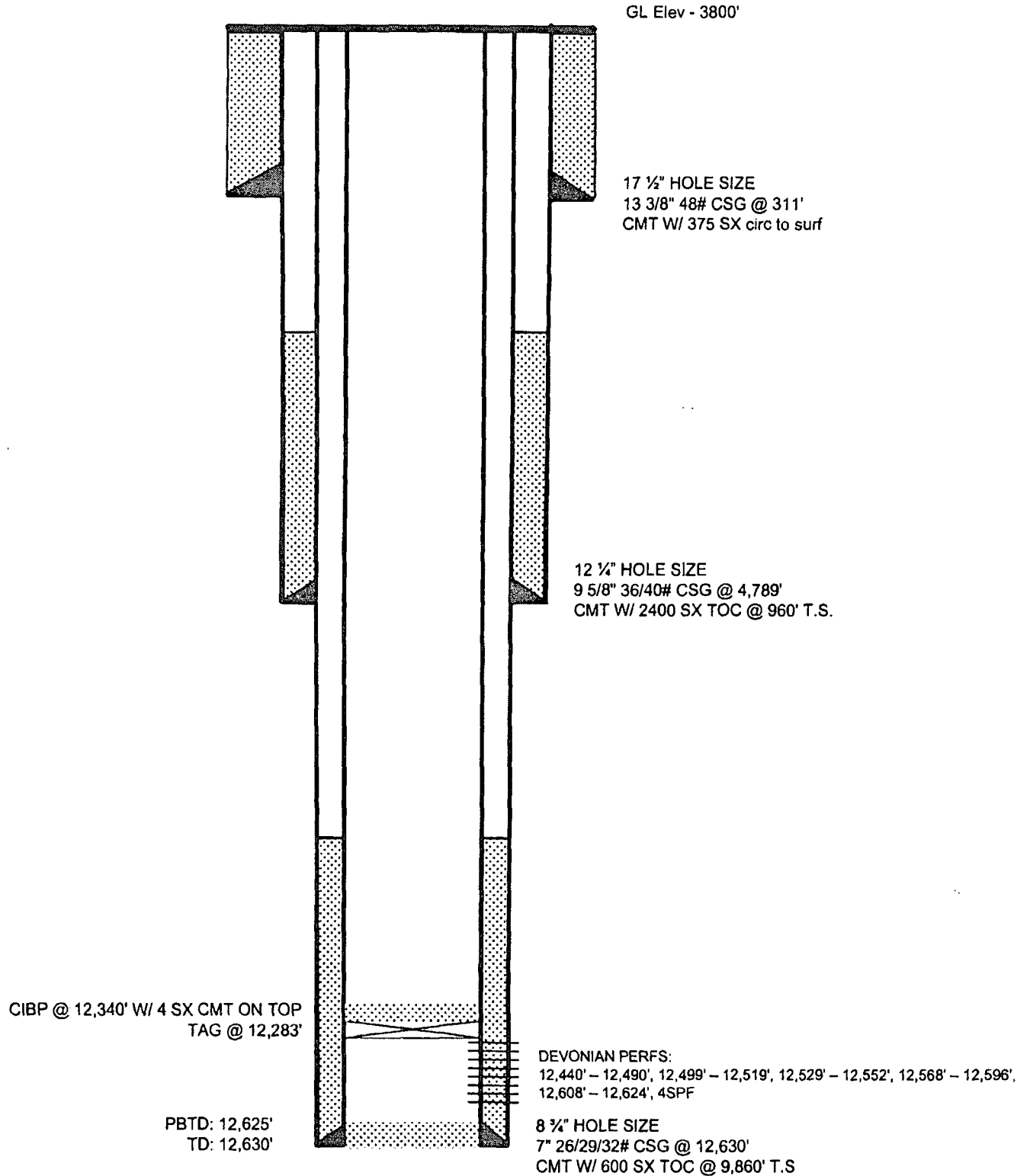
W.T. MANN "B" #4

API # 30-025-05207

1980' FSL, 2310' FEL, SEC 36, T14S, R37E, UNIT LETTER "J"

SPUD 02/04/55

CURRENT



W.T. MANN "B" #4

API # 30-025-05207

1980' FSL, 2310' FEL, SEC 36, T14S, R37E, UNIT LETTER "J"

SPUD 02/04/55

PROPOSED

GL Elev - 3800'

CMT NO CIRC TO SURF, CIRCULATE
FROM 60' TP SURF

PERF & SQZ CMT PLUG @ 361' W/
35SX TAG AND CIRC CMT TO SURF

17 1/2" HOLE SIZE
13 3/8" 48# CSG @ 311'
CMT W/ 375 SX circ to surf

CMT PLUG @ 2200' W/ 35SX TOP OF
SALT - OTHERWISE PERF & SQZ

TOC @ 960' (T.S.)

CUT & PULL 7" CSG @ 3000' (OR
PERF @ 3000') SQZ 35 SX AT BASE
OF SALT

CALC TOC @ 3270' (400 SXS RECEMENT F/ 5770')

CMT PLUG @ 4839' W/ 25SX TAG

12 1/4" HOLE SIZE
9 5/8" 36/40# CSG @ 4,789'
CMT W/ 2400 SX TOC @ 960' T.S.

PERF & SQZ 7" CSG @ 5770' - 5771' CMT W/
400 SX CALC TOC @ 3270'

PERF & SQZ 25 SX @ 6200'

*PERF & SQZ @ 8018' WOC & TAG
30 SXS*

CMT PLUG @ 9800' W/ 35SX

TOC @ 9860' (T.S.)

CIBP @ 12,340' W/ 4 SX CMT ON TOP TAG
@ 12,283'

PBTD: 12,625'
TD: 12,630'

DEVONIAN PERFS:

12,440' - 12,490', 12,499' - 12,519', 12,529' - 12,552', 12,568' - 12,596',
12,608' - 12,624', 4SPF

8 1/2" HOLE SIZE
7" 26/29/32# CSG @ 12,630'
CMT W/ 600 SX TOC @ 9,860' T.S

Updated 08/19/15 CLE