

Submit One Copy To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 S. First St., 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  
 Revised November 3, 2011

NOV 27 2017  
 CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-025-01931
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Northeast Kemnitz
8. Well Number #2
9. OGRID Number 228937
10. Pool name or Wildcat Kemnitz, Lower Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

**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

2. Name of Operator  
Matador Production Company

3. Address of Operator  
5400 LBJ Freeway Suite 1500, Dallas, TX 75240

4. Well Location  
 Unit Letter: G : 1980 feet from the N line and 1980 feet from the E line  
 Section 22 Township 16S Range 34E NMPM        County Lea

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

<p><b>NOTICE OF INTENTION TO:</b></p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p><b>SUBSEQUENT REPORT OF:</b></p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> Abandon Morrow, DFIT</p>
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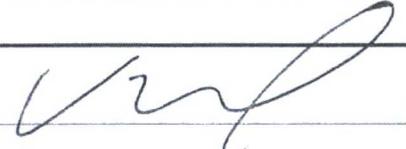
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10/17/17: Abandoned Morrow Perfs  
 Set CIBP @ 13,050 (above stuck fish at 13,060': RBP that had been chased down hole with burn over shoe)  
 Dump bailed CI H cmt from top of CIBP at 13,050' to 12,990'. Note: Dump bailer became embedded in cement during second run. Top of dump bailer tagged at 13,005'. Bailed cement on top of stuck tool.

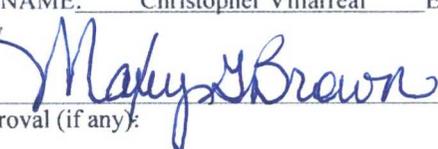
11/1/17: DFIT (Diagnostic Fracture Injection Test)  
 Perforated 11,738-39' at 6spf, 60 deg phasing, 12 shots total. Set RBP below perfs and packer above. Pumped 10 bbls of 2% KCl into perfs to measure breakdown and monitor pressure response. TOOH with RBP and packer.  
 Set CBP at 11,705'. Unable to get pressure test with packer below existing Wolfcamp perfs (11,738'-39'). Rigged down and secured well.

Well is currently shut in while operators evaluates recompletion targeting options.

Spud Date:  Rig Release Date:

SIGNATURE  TITLE Engineer DATE 11/21/17

TYPE OR PRINT NAME: Christopher Villarreal E-MAIL: cvillarreal@matadorresources.com PHONE: 972-371-5471

APPROVED BY:  TITLE AO/II DATE 11/27/2017

Conditions of Approval (if any):

MB

MATADOR PRODUCTION COMPANY

**Northeast Kemnitz # 2**

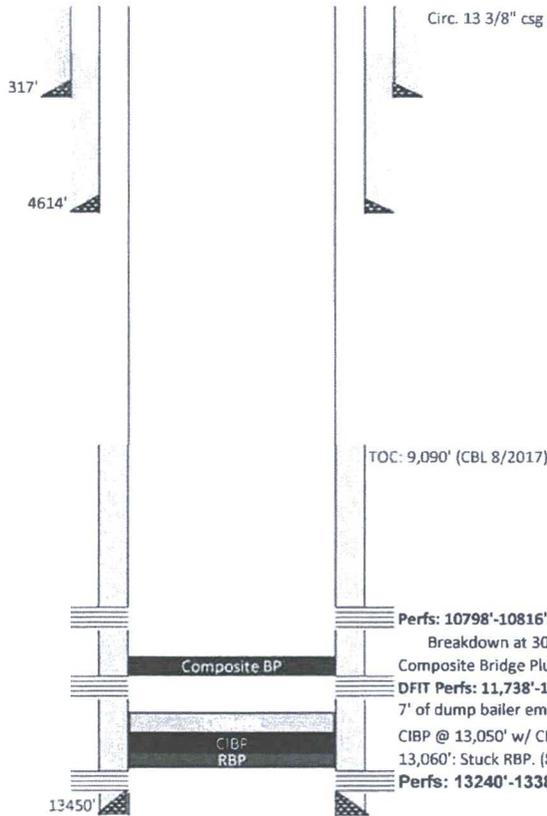
1980' FNL & 1980' FEL Sec 22 - 16S - 34E

Lea County, NM

API: 30-025-01931

**CURRENT WELLBORE SCHEMATIC - 11/9/17**

Spud: 5/8/1960 Reentry: 1961 & 11/20/1976



Circ. 13 3/8" csg cmt to surface.

**Casing Information**

	Hole Size	Casing Size	Type	Weight lb/ft	Joints	Depth Set	Date Set
Surface	17 1/2	13 3/8	H-40	48	unk	317	5/8/1960
Intermediate	12 1/4	8 5/8	J-55, 8R	24	111	4614	5/22/1960
Production	7 7/8	5 1/2	N80/P110, LT&C/Butress	17	310	13,450	11/20/1976
			DV Tool Marker Jt. Float Collar				

**Cementing Record**

Surface	400sx reg 4% gel cmt. Circulated to surface.
Intermediate	1600sx gel cmt & 150sx reg neat cmt. Did Not circulate.
Production	1000sx cmt. TOC @ 9090'

Well originally drilled to 10850' in 1960. Found to be dry & P&A'd in July 1960. Reentered & deepened to 11585' in 1961, found to be dry and P&A'd. Well reentered again in 1976 and drilled to 13450'.