

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

Form C-103
Revised July 18, 2013

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 ID NO. 30-015-44097
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		3. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator DEVON ENERGY PRODUCTION CO., LP		State Oil & Gas Lease No.
3. Address of Operator 333 WEST SHERIDAN AVE., OKC, OK 73102		7. Lease Name or Unit Agreement Name Emerald PWU 20-21
4. Well Location Unit Letter <u>M</u> : <u>15</u> feet from the <u>SOUTH</u> line and <u>265</u> feet from the <u>WEST</u> line Section <u>20</u> Township <u>19S</u> Range <u>29E</u> NMPM Eddy, County		8. Well Number 12H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3314'		9. OGRID Number 6137
		10. Pool name or Wildcat (98199) Parkway; Bone Spring, West

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 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"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: Drilling Operation Changes <input checked="" 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.

Devon Energy Production Company, LP respectfully requests to make the following changes to the well design:

- Change the surface casing set depth to 200'
- Change intermediate casing to 36# J-55 LTC

ATTACHMENTS: Documents for updated casing and cement tables.

Spud Date:

Rig Release Date:

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

SIGNATURE Erin Workman TITLE Regulatory Compliance Analyst DATE 07/03/17

Type or print name Erin Workman E-mail address: Erin.workman@dvn.com PHONE: (405) 552-7970
For State Use Only

APPROVED BY: Raymond R. Rodary TITLE Geologist DATE 7-3-17
Conditions of Approval (if any):

The updated casing and cement tables are listed below:

Casing and Cement Tables						
24"	0	200'	13.375"	48	H-40	STC
12.25"	0	3,450'	9.625"	36	J-55	LTC
8.75"	0	18,958'	5.5	17	P-110	BTC
BLM Minimum Safety Factor				Collapse: 1.125	Burst: 1.00	Tensile: 1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Casing and Cement Tables						
13-3/8"						
Surface	414	14.8	6.368	1.33	6 hr 49 mn	C + Adds
9-5/8"	475	10.5	10.654	1.94	31 hr 40 mn	35:65 Poz:C + Adds
Inter.	294	14.8	6.352	1.33	5 hr 29 mn	C + Adds
5-1/2"	689	10.5	15.442	2.43	19 hr 3 mn	C + Adds
Prod	1967	14.5	5.175	1.18	9 hr 6 mn	50:50 Poz:H + Adds

If a DV tool is used, depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing and Cement Tables		
13-3/8" Surface	0'	25%
9-5/8" Intermediate	0'	25%
5-1/2" Production Casing	2450'	10%