

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-38338
4. Property Code 38436	5. Property Name EMERALD PWU 20	6. Well No. 001H

UL - Lot D	Section 20	Township 19S	Range 29E	Lot Idn D	Feet From 400	N/S Line N	Feet From 330	E/W Line W	County EDDY
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SCANLON DRAWBONE SPRING	55510
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9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3352
14. Multiple N	15. Proposed Depth 12255	16. Formation Bone Spring	17. Contractor	18. Spud Date 1/1/2011
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick      Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	300	500	0
Int1	12.25	9.625	40	1750	1050	0
Prod	8.75	5.5	17	12255	400	1250
Prod	8.75	5.5	17	7100	2300	1250

13 3/8 w/500 sx Cl C + 2% CaCl + 1/4 lb/sx Cello flakes, 9 5/8 w/1050 sx Cl C + 2% CaCl + 1/4 lb/sx Cello flakes, 5 1/2 Stage 1 w/2300 sx Cl C + 2% CaCl + 1/4 lb/sx Cello flakes. Stage 2 w/400 sx Cl C + 2% CaCl + 1/4 lb/sx Cello flakes. DV tool @ 4500'. Mud: 0-300' fresh, 8.4-9.0, 30-34, N/C water loss. 300-1750' brine, 9.8-10.0, 28-32, N/C water loss. 1750-12255' fresh, 8.6-9.0, 28-32, N/C-12 water loss.

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Pipe	3000	3000	
DoubleRam	3000	3000	

Conditions of Approval Attached
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**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
 1301 W. Grand Ave., Artesia, NM 88210  
 Phone:(505) 748-1283 Fax:(505) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 Permit 124979

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-38338	2. Pool Code 55510	3. Pool Name SCANLON DRAW;BONE SPRING
4. Property Code 38436	5. Property Name EMERALD PWU 20	6. Well No. 001H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3352

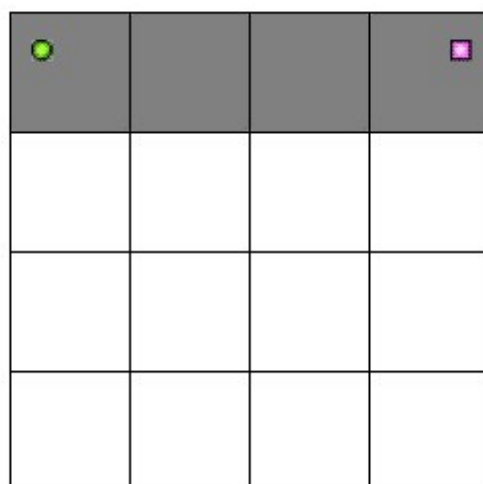
**10. Surface Location**

UL - Lot D	Section 20	Township 19S	Range 29E	Lot Idn	Feet From 400	N/S Line N	Feet From 330	E/W Line W	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot A	Section 20	Township 19S	Range 29E	Lot Idn A	Feet From 400	N/S Line N	Feet From 330	E/W Line E	County EDDY
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**



**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Randy Bolles

Title:

Date: 12/29/2010

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Filmone Jaramillo

Date of Survey: 12/14/2010

Certificate Number: 12797



## Permit Comments

**Operator:** DEVON ENERGY PRODUCTION COMPANY, LP , 6137

**Well:** EMERALD PWU 20 #001H

**API:** 30-015-38338

Created By	Comment	Comment Date
YSASAS	No H2S is expected to be encountered.	12/27/2010
YSASAS	Depth to groundwater is 50' or more, but less than 100', distance to surface water is approximately 1000' feet, well is not in a wellhead protection area.	12/27/2010
YSASAS	C-102 to be mailed next day Fed-Ex.	12/27/2010
YSASAS	The BOP system used to drill the intermediate hole will consist of a 13-5/8" 3M Triple Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the surface casing shoe. The BOP system used to drill the production hole will consist of a 13-5/8" 3M Triple Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the intermediate casing shoe. The pipe rams will be operated and checked each 24 hour period and each time the drill pipe	12/27/2010
YSASAS	BOP CONTINUED: is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.	12/27/2010
Artesia	Land S/S	12/30/2010

# Permit Conditions of Approval

**Operator:** DEVON ENERGY PRODUCTION COMPANY, LP , 6137

**Well:** EMERALD PWU 20 #001H

**API:** 30-015-38338

OCD Reviewer	Condition
Artesia	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string