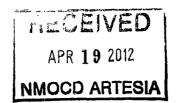
Submit 3 Copies To Appropriate District Office	State of New Me		Form C-103			
District I 1625 N French Dr , Hobbs, NM 88240	Energy, Minerals and Natu	iral Resources	May 27, 2004 WELL API NO.			
<u>District II</u>	OIL CONSERVATION	DIVISION	30-015-40037			
1301 W Grand Ave , Artesia, NM 88210 District III	1220 South St. Fran		5. Indicate Type of Lease FED □ STATE ☒ FEE □			
1000 Rio Brazos Rd, Aztec, NM 87410 District IV	Santa Fe, NM 8		6. State Oil & Gas Lease No.			
1220 S. St. Francis Dr., Santa Fe, NM	,		,			
87505 SUNDRY NOT	ICES AND REPORTS ON WELLS	<u> </u>	7. Lease Name or Unit Agreement Name			
	OSALS TO DRILL OR TO DEEPEN OR PL ICATION FOR PERMIT" (FORM C-101) FO		Emerald PWU 20			
1. Type of Well: Oil Well	Gas Well Other		8. Well Number 4H			
2. Name of Operator	Production Company, LP		9. OGRID Number 6137			
3. Address of Operator	Froduction Company, LF		10. Pool name or Wildcat			
20 North Broadway Oklahoma C	ity, Oklahoma 73102-8260 (40	5) 552-4524	55510 Scanlon Draw; Bone Spring			
4. Well Location						
1	eet from the line and					
	ownship 19S Range 29E 11. Elevation (Show whether DR	NMPM				
	n/a	, KKD, K1, GK, etc.)				
Pit or Below-grade Tank Application		orata orașii Dirat				
Pit type Depth to Groundy Pit Liner Thickness: mil	vaterDistance from nearest fresh v Below-Grade Tank: Volume		ance from nearest surface waternstruction Material			
	Appropriate Box to Indicate N		•			
NOTICE OF IN PERFORM REMEDIAL WORK □	NTENTION TO: PLUG AND ABANDON	SUBS REMEDIAL WORK	SEQUENT REPORT OF: C			
TEMPORARILY ABANDON			LLING OPNS. P AND A			
PULL OR ALTER CASING		CASING/CEMENT	_			
OTHER: 🛛		OTHER:	П			
		pertinent details, and	give pertinent dates, including estimated date			
of starting any proposed w or recompletion.	ork). SEE RULE 1103. For Multip	le Completions: Att	ach wellbore diagram of proposed completion			
	espectfully requests to correct the greet ground level elevation. Attached		from 3879.7 to 3314.3. The C-102 submitted			
•	cot ground level elevation. Attached	is a corrected plat i				
Thank you.			RECEIVED			
			APR 19 2012			
			NMOCD ARTESIA			
I hereby certify that the information grade tank has been/will be constructed or	above is true and complete to the b	est of my knowledge	e and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan .			
SIGNATURE: Marie		Regulatory Analyst	DATE: 4/17/12			
Type or print name Melanie Cray For State Use Only	oford E-mail address: Melar	iie.Crawford@dvn.c	om Telephone No. (405) 552-4524			
APPROVED BY:	Mand TITLE	6-180LBGIST	DATE 4/19/2017			
Conditions of Approval (if any):		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				



District I 1625 N. French Dr., Hobbs. NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

19 S

20 19

Dedicated Acres

29 E

*Consolidation Code

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Form C-102 Revised October 15,2009 Submit one copy to appropriate District Office

EAST

EDDY

☐ AMENDED REPORT District IV Santa Fe, NM 87505 1220 S. St. Francis Dr., Santa Fe. NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code PARKWAY WEST; BONE SPRING Property Code Property Name Well Number **EMERALD PWU 20** 4H OGRID No. Operator Name Flexation DEVON ENERGY PRODUCTION COMPANY, L.P. 3879.7 6137 ¹⁰ Surface Location Township Feet from the North/South line Feet from the East/West line Range M 20 19 S 29 E 890 SOUTH 340 WEST **EDDY** "Bottom Hole Location If Different From Surface Section Feet from the North/South line East/West line County UL or let no. Township Range

SOUTH

330

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.

890

Order No.

			Tonin man converse
NW CORNER SEC. 20	i i	NE CORNEP SEC 20	' OPERATOR CERTIFICATION
LAT = 32 6536384'N	1	AT = 32 6535924'N	Thereby verify that the information contained herein is true and complete
LONG. = 104.1055990°W		LONG = 104 0863657 W	to the hest of my knowledge and belief and sharins organization either
NMSP EAST (FT)	1	NMSP EAST (FT)	covers a working interest or unleased numeral auterest in the word including
N = 601599.76	}	N = 601594.86	the progressed bottom hole location or has a right mobili this well at this
E = 611427.11		E = 616731 03	beaution pursuant to a contract with an inexe or such a mineral or winsting
	,		interest or to a soluniary produg agreement or a compulsor e product order.
	,	i.	herengore entered to the distribution
	·		/ /
1ct DED	ORATION POINT: 890' FSL & 909	5' FWL	
ISC PERI	1	1	/h //
	PROJECT AREA	1.	
77 67	PRODUCING AREA	1	1.1/1/1/1/1/23/23/23/23/23/23/23/23/23/23/23/23/23/
340	PRODUCING AREA		
	1	1	Spendage / - Othe
	<u> </u>	;	Innid Name Stephanie A. Ysásaga
	i t	1	
		1	"SURVEYOR CERTIFICATION
		1	
EMERALD PWU 20-4	េដ	1:	I hereby certify that the well location shown on this plat
ELEV. = 3314.3'	**************************************	BOTTOM OF HOLE	was plotted from field notes of actual surveys made by
LAT = 32.6415698 N	(NAD83)	LAT. = 32 6415182'N	me or under my supervision, and that the same is true
LONG. = 104 1044948	3 W	; LONG = 104.0894656W	and correct to the best of not the lief
NMSP EAST (FT) N = 597209.86	;	; NMSP EAST (FT) , N = 597201.40	
$E_{r} = 611776.39$	i ·. /	/E = 616402 59	FEBRUARY 20, 2012 N ME
SURFACE	/	· · ((/Y	Date of Survey // 2
LOCATION		BOTTOM	
340		OF HOLE 330'	Allow Holling
SW CORNER SE		SE CORNER SEC. 20	
LAT. = 32 6391		AT = 32.6390698 N	Suprature and Seld of Professional Surveyor As
Q LONG. = 104 10		G. = 104.0883925'W &	Certificate Numbers FILIMON F LABORATED, PLS 12797
NMSP EAST (FT	y service of the service of the contraction of the service of the	"INMSP"EAST (FT)	AND SURVEY NO 791
N = 596321.06	,	N = 596311,40	Man Change Con.
E = 61143823	/	E = 616734 96	
7			

1625 N. French Dr., Hobbs, NM 88240 Phone (575) 393-6161 Fax (575) 393-07.

Dustrict II 811 S. First St., Artesia, NM 88210 Phone (575) 748-1283 Pax (575) 748-9720 District III

1000 Rio Brazos Rd , Apter, NM 8*410 Phone (505) 334-5178 Fax (505) 334-5170 District IV 1220 S St Francis Dr Santa Fe, NM 87505 Phonei(505) 476-3470 Fax (505) 476-3462

State of New Mexico

Energy, Minerals and Natural Reso

August 1, 2011 Parmit 144690

Fern C-101

Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO BRILL RE-ENTER DEEPEN PLUCRACK OR ADD A ZONE

•	r Name and Address	2 OGRID Number	
DEVON ENERGY PR	6137 3 API Number		
20 ° Oklahom			
Okimioni	a dity, out 19402	30-015-40037	
4 Property Code	5 Property Name	5 Well No	
38436	EMERALD PWU 20	004H	

7. Surface Location

	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N'S Line	Feet From	E.W. Line	County
1	M	20	198	29E	М	890	S	340	Μ.	EDDY

8. Pool Information

LOSSE ON DR.	131 PANE CONT.	T.C.				35510	.1
SCANLON DRA	IN BOINE SPICE	N L.T			1	טונננ	ł

Additional Well Information

9 West Type New Well	10 Well Type OH	11 Cable Rotary	12 Lesse Type State	13 Ground Level Elevation 3879
14 Multiple	15 Proposed Depth	lé Formation	1° Contractor	18 Spud Date
N 12223		Bone Spring	3.15/2012	
Depth to Ground	water	Distance from nearest fesh water	t #.	Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	355	395	0
Intl	12 25	9.625	40	5300	1140	0
Prod	8 75	5.5	17	12223	1340	2000
Prod	8 75	5.5	17 .	7100	\$55	0

Casing/Cement Program: Additional Comments

13 3/8 w/395 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake, 9 5/8 w/1140 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake, 5 1/2 w/2195 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake. All cement volumes based on at least 25% excesses. Actual cement volumes will be adjusted based on fluid caliper and caliper log data Positive standoff centralizers will be utilized for the production string every other joint of casing from 100' MD above KOP or at the legal footage setback, whichever is the deeper MD, up to TOC Mud 0-355' fresh. 8.4-9.0. 30-34 visc. N/C water loss. 355-3300' brine, 9 8-10.0, 28-32 visc, N/C water loss. 3300-12223' fresh, 8.6-9 0, 28-32 visc, N/C water loss

Proposed Blowout Prevention Program

	- 1 0 p 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Pipe	Pipe 3000		
DoubleRam	3000	3000	

of my knowledge and belief.	istion given above is true and complete to the best lling pit will be constructed according to	OIL CONSERVATION DIVISION Approved By. Randy Dade			
NMOCD guidelines . a g OCD-approved plan .	eneral permit or an (attached) alternative				
	cally filed by Randy Bolles	Title: District Supervisor			
Title Manager, Regulate	ory Affairs	Approved Date: 3/12/2012	Expiration Date: 3/12/2014		
Email Address: randy be	olles@dvn com				
Date: 3/9/2012 Phone: 405-228-8588		Conditions of Approval Attached			

District 1 1625 N. French Dr., Hobbs, NM 88240 District II

1301 W. Grand Avenue, Artesia, NM 88210

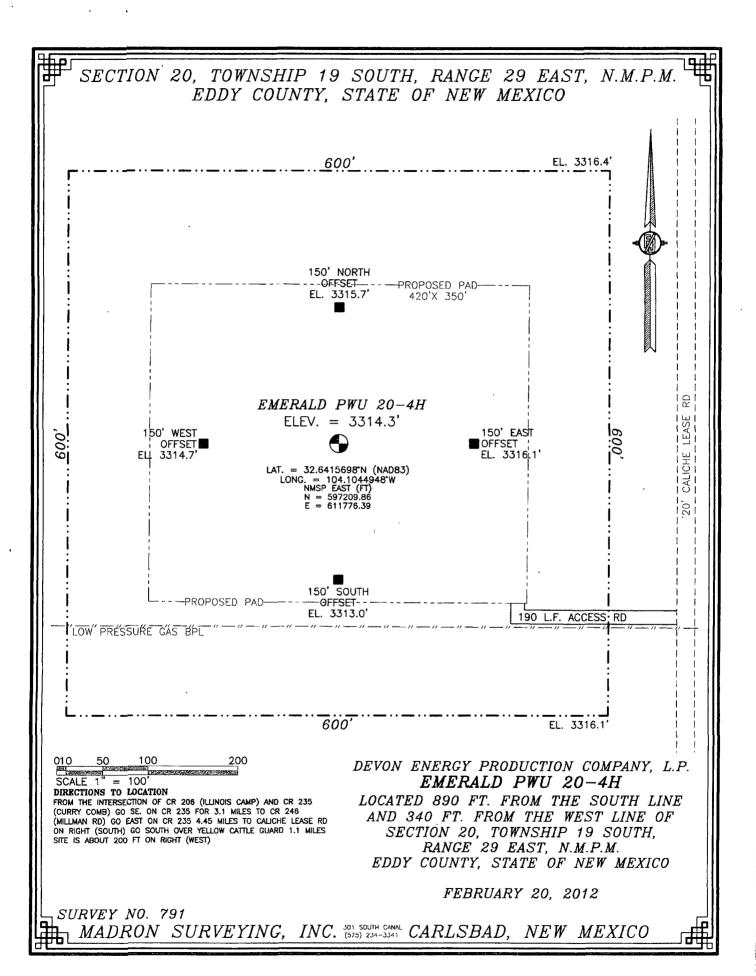
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

Form C-102 Revised October 15,2009 Submit one copy to appropriate

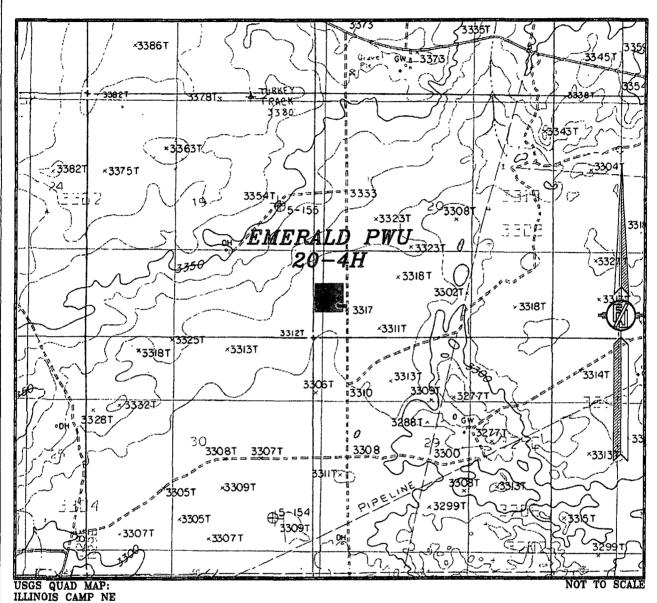
<u>District III</u> 1000 Rio Brazos R	d., Aztec, Ni	M 87410 1220 South St. Francis Dr.						District Office		
<u>District IV</u> 1220 S. St. Francis	•		Santa Fe. NM 87505					☐ AMENDED REPORT		
`		W	ELL LO	CATIO	N AND ACE	EAGE DEDIC	CATION PLA	77-		
30-015-40037 \$5500 (Scanlow Draw, Bone Spane)										
3843	Code				Property EMERALD		/		Well Number 4H	
OGRID	No		:		⁸ Operator	Name			⁹ Elevation	
6137 DEVON ENERGY PRODUCTION COMPANY, L.P. 3314.3						3314.3				
	-				¹⁰ Surface	Location		***************************************		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	e County	
M	20	19 S	29 E		890	SOUTH	340	WEST	EDDY	
	· · · · · · · · · · · · · · · · · · ·	de la constitution de la constit	" Bo	ttom Hol	e Location It	f Different From	n Surface		 	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	e County	
P	20	19 S	29 E		890	SOUTH	330	EAST	EDDY	
12 Dedicated Acres	13 Joint o	r Infill 13 C	onsolidation	Code 15 Or	der No.	1				

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.

NW CORNER SEC. 20 LAT. = 32.6535384 N LONG. = 104.1055990'W NMSP EAST (FT) N = 801599.76 E = 811427.11	NE CORNER SEC. 20 LAT. = 32.6555924'N LONG. = 104.0883657'W NMSP EAST (FT) N = 601594.86 E = 616731.03	17 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 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 computsory pooling order heretofore entered by the division.
EMERALD PWU 20-4H ELEV. = 3314.3' LAT. = 32.6415698'N (NAD83) LONG. = 104.1044948'W NMSP EAST (FT) N = 597209.86 E = 611776.39 SURFACE LOCATION 340' SW CORNER SEC. 20 LAT. = 32.6391287'N LONG. = 104.1055996'W NMSP EAST (FT) N = 596321.06; E = 611438.23;	BOTTOM OF HOLE LAT. = 32.6415182'N LONG. = 104.0894656'W NMSP EAST (FT) N = 597201.40 E = 616402.59 BOTTOM OF HOLE 330' SE CORNER SEC. 20 LAT. = 32.6390698'N LONG. = 104.0883925'W NMSP EAST (FT) N = 596311.40 E = 616734.96	Printed Name Helanie Crawford 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from fleld notes of actual surveys made by me or under my supervision, and that the same is true and correct to the byte of my belief. FEBRUARY 20, 2012N ME Date of survey Signature and Sept of Professional Surveyor. Crifficate rumping Figure 18 Survey NO. 791



SECTION 20, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



DEVON ENERGY PRODUCTION COMPANY, L.P. EMERALD PWU 20-4H

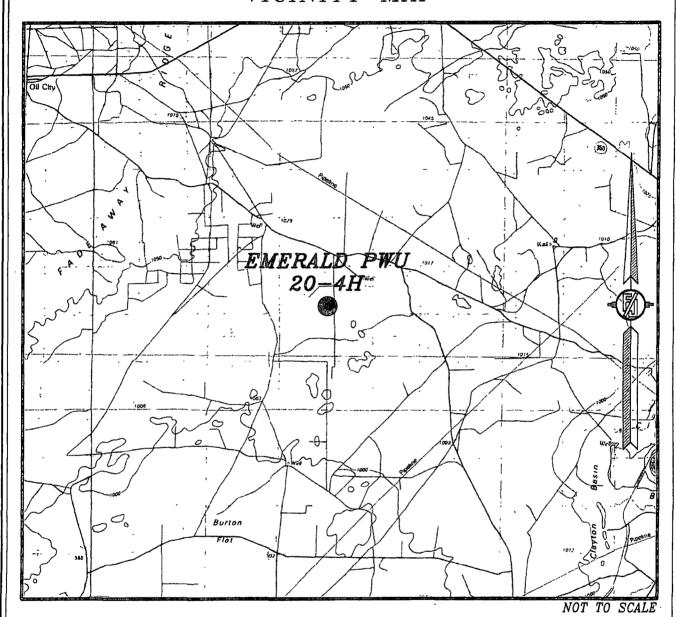
LOCATED 890 FT. FROM THE SOUTH LINE AND 340 FT. FROM THE WEST LINE OF SECTION 20, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

FEBRUARY 20, 2012

SURVEY NO. 791

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SECTION 20, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DEVON ENERGY PRODUCTION COMPANY, L.P. EMERALD PWU 20-4H

LOCATED 890 FT. FROM THE SOUTH LINE AND 340 FT. FROM THE WEST LINE OF SECTION 20, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

FEBRUARY 20, 2012

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MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO