1/14/2014

TYPE CTB

PMAM 1401445393

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



		<u>ADMINISTR</u>	ATIVE APPLIC	ation Cleck	LIST
-	THIS CHECKLIST IS M.		MINISTRATIVE APPLICATIONS JIRE PROCESSING AT THE DI		SION RULES AND REGULATIONS
Appli	[DHC-Dow [PC-Pa	andard Location] [N nhole Commingling ool Commingling] [WFX-Waterflood E [SWD-Salt Wa	SP-Non-Standard Prora	tion Unit] [SD-Simulta ngling] [PLC-Pool/Le ge] [OLM-Off-Lease sure Maintenance Exp ction Pressure Increa	ease Commingling]  \(\int\)^\(\hat{\)}\(\hat{\}\)\(\hat{\})\(\hat{\}\)\(\
[1]	[A]	Location - Spacin  NSL 1	eck Those Which Apply g Unit - Simultaneous D NSP SD	4 4	CTB -DEVON 6137 Wells
	Check [B]	One Only for [B] o	orage - Measurement	PC OLS C	<u>wells</u> -Ironhouse 414  OLM 30-025-40676 -Ironhouse 1924
	[C]	☐ WFX ☐ 1	al - Pressure Increase - I PMX SWD S		PPR 30-025-41094 -Ironhouse193H
[2]	[D] NOTIFICAT		ΓΟ: - Check Those Whi yalty or Overriding Roy		- 30-025-41050 Not Apply - Ironhous 21444 30-025-41245 - Ironhous 220 14
	[B] [C]		tors, Leaseholders or Su s One Which Requires I		30-025-40611 - Inowhousessan
	[D]	U.S. Bureau of Land	and/or Concurrent Appr Management - Commissioner of Pu	blic Lands, State Land Office	30-025-40748 Field
	[E] [F]	☐ For all of the ☐ Waivers are	above, Proof of Notification	ation or Publication is A	Attached, and/or, WG-025G-06 S183518A. Bonespring
[3]		CURATE AND CO ATION INDICATE		TION REQUIRED T	O PROCESS THE TYPE
	oval is <b>accurate</b> a	nd complete to the		also understand that n	plication for administrative  o action will be taken on this
	Note: Erin Workman Print or Type Name	Statement must be co	Signature	h managerial and/or superior  Regulatory Comp  Title	
		J			orkman@dvn.com E-mail Address





January 10, 2014

Mr. Richard Ezeanyim State of New Mexico Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

Re:

**Central Tank Battery** 

Ironhouse 19 State Com 1H, Ironhouse 19 State Com 2H, Ironhouse 19 State Com 3H, Ironhouse 19 State Com 4H, Ironhouse 20 State Com 1H, Ironhouse 20 State Com 2H,

Sec, 19-18S-35E, Sec. 20-18S-35E

Leases: NMNM 1478 NMNM1499, NMNM1374

API: #30-025-40676, #30-025-41094, #30-025-41050, #30-025-41245, #30-025-40748,

#30-025-40611

Pool: (97930) WC-025 G-06 S183518A; Bone Spring

Lea County, New Mexico

Dear Mr. Ezeanyim:

Please find attached the OCD C-107B Sundry Notice of Intent for a Central Tank Battery for the aforementioned wells.

The working interest, royalty interest and overriding royalty interest owners are not identical; notification has been sent via certified mail (see attached).

Should you require any additional information or assistance, please do not hesitate to contact me at (405)-552-7970.

Sincerely,

Regulatory Compliance Associate

**Enclosures** 

<u>District I</u> 1625 N. French Drive, Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Ave. Artesia, NM 88210

1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St Francis Dr, Santa Fe, NM

District III

District IV

State of New Mexico Energy, Minerals and Natural Resources Department Form C-107-B Revised June 10, 2003

#### OIL CONSERVATION DIVISION

1220 S. St Francis Drive Santa Fe, New Mexico 87505 Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP) Devon Energy Production Co., LP OPERATOR NAME: 333 W Sheridan Avenue, Oklahoma City, OK 73102 OPERATOR ADDRESS: APPLICATION TYPE: ☐ Pool Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled) LEASE TYPE: Fee ☐ Federal Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No. Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling (A) POOL COMMINGLING Please attach sheets with the following information Calculated Value of Gravities / BTU of Calculated Gravities / BTU of Commingled Commingled Volumes (1) Pool Names and Codes Non-Commingled Production Production Production Are any wells producing at top allowables? Yes No (3)Has all interest owners been notified by certified mail of the proposed commingling? Measurement type: Metering Sell Test Method
Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved (4) (B) LEASE COMMINGLING Please attach sheets with the following information Pool Name and Code. (2) Is all production from same source of supply? 

☐ Yes ☐ No ⊠Yes □No (3) Has all interest owners been notified by certified mail of the proposed commingling? (4) Measurement type: Metering Other (Well Test Method) (C) POOL and LEASE COMMINGLING Please attach sheets with the following information Complete Sections A and E. (D) OFF-LEASE STORAGE and MEASUREMENT

# 

# (E) ADDITIONAL INFORMATION (for all application types) Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

- (2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
- Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE. TITLE: Regulatory Compliance Assoc. DATE: 01.10.14

TYPE OR PRINT NAME: Erin workman TELEPHONE NUMBER: (405) 552-7970

E-MAIL ADDRESS: Erin.Workman@dvn.com

#### APPLICATION FOR A CENTRAL TANK BATTERY

State of New Mexico - Santa Fe **Oil Conservation Division** 1220 S. St Francis Drive Santa Fe, New Mexico 87505

#### Central Tank Battery Proposal for the Ironhouse Wells:

Devon Energy Production Company, LP is requesting approval for the Central Tank Battery for the following wells:

Federal Lease VB 1374	& VB 1499				Oil		
Well Name	Location	API#	Pool 97930	<b>BOPD</b>	Gravities	M&FPD	<u>BTU</u>
Ironhouse 19 State Com 1H	Sec. 19-T18S-R34E	30-025-40676	WC-025 G-06 S183518A	167	37	<b>/</b> 110 '	1328.6
Ironhouse 19 State Com 2H	Sec. 19-T18S-R34E	30-025-41094	WC-025 G-06 S183518A	305 /	351	227	1328.6*
Ironhouse 19 State Com 3H	Sec. 19-T18S-R34E	30-025-41050	WC-025 G-06 S183518A	384	38	160	1328.6*
				_			

Federal Lease VB 1374	, VB 1499, & FEE (	Working on leas	se at this time-Ownership	is Diverse	) Oil		
Well Name	Location	API#	Pool 97930	BOPD	<b>Gravities</b>	<b>MCFPD</b>	<u>BTU</u>
Ironhouse 19 State Com 4H	Sec. 19-T18S-R34E	30-025-41246	WC-025 G-06 S183518A	227 /	37*	/ 100	1328.6*
		7		$\searrow$			

Federal Lease VB 1374	4				∖ Oil			
Well Name	Location	API#	Pool 97930	<b>BOPD</b>	Gravitie	MCFPE	<u>BTU</u>	
Ironhouse 20 State 1H	Sec. 20-T18S-R34E	30-025-40611	WC-025 G-06 S183518A	144	36	64	1328.6*	
Ironhouse 20 State 2H	Sec. 20-T18S-R34E	30-025-40748	WC-025 G-06 S183518A	\ 140 /	36*	241	1328.6*	
					•			
*Proposed numbers for v	well. Will provide nu	ımbers upon re	eceipt.	•		V -	<del>0</del> -	
•	•	•	-		Y	ME	Levic	Ca
Oil & Gas metering:							- v , ,	1
on to our metering.								X

<sup>\*</sup>Proposed numbers for well. Will provide numbers upon receipt.

#### Oil & Gas metering:

There is a central tank battery located on the Ironhouse 19 State Com 1H location in Sec 19-T18S-R35E in Lea Co., NM The production from the Ironhouse 19 State Com 1H, 2H, 3H, and the Ironhouse 20 State 1H & 2H will come to a common production header with isolation lines to route each wells production. From this point one well will be on test and its production routed through the test equipment. The Ironhouse 19 State Com 4H will flow through its own three phase separator with Coriolis to meter the oil, mag meter to meter the water, and gas allocation meter to meter the gas.

The Ironhouse 19 State Com 1H battery will have four oil tanks that all five wells will utilize and they have a common Targa Gas Sales Meter #118-001219 which is on location in the southwest corner in Sec. 19-T18S-R35E. Oil, gas, and water volumes from the Ironhouse 19 State Com 1H, 2H, 3H, & Ironhouse 20 State 1H & 2H producing to this battery will be determined by using a test separator/heater treater at the proposed facility. Well tests for each well will be conducted at least once per month, for a minimum of 24 hours. Oil, gas, and water volumes for the Ironhouse 19 State Com 4H will have its own test separator and then dump into the common system for all wells.

The well which is on test production from the Ironhouse 19 State Com 1H, 2H, 3H, & Ironhouse 20 State 1H & 2H, flows to the two phase test separator, where after separation gas is routed to the gas test meter #677-49-058, then to the Targa Gas Sales Meter. Produced water and oil are separated, the oil is metered with a Micro Motion Coriolis Meter and water is metered using a mag meter. The oil then flows into an oil production line where it is combined with the other wells oil and flows to one of the 500 bbl. The water from the well on test flows to the 500 bbl. produced water tank, along with the water from the wells that were not on test. The gas allocation meter and Coriolis Test Meter number will be provided upon receipt for the Ironhouse 19 State 4H.

Oil production will be allocated on a daily basis based on the Coriolis Test Meter #14318864. This meter will be proven, as per API, NMOCD, and BLM specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter, the factor obtained will be used to allocate the production volumes. Gas production will be allocated on a daily basis based on the subtraction method from the Targa Gas Sales Meter and the gas test meter. The gas production from the production equipment and the test gas meter will commingle and flow through the Targa

Gas Sales meter. These meters will be calibrated on a regular basis per API, NMOCD, and BLM specifications. The OCD will be notified of any future changes in the facilities.

The Ironhouse 19 State 4H flows to a three phase test separator, where after separation gas is routed to the gas test meter, then to the Targa CDP ##118-001219. Produced water and oil are separated, the oil is then metered with a Micro Coriolis meter (Will provide number upon receipt) and water is metered using a turbine meter. The oil then flows into an oil production line where it is combined with the other wells oil and flows to one of the 500 bbl. The water from this well flows to the 500 bbl. Produced water tank, along with the water from the other wells.

Signed: Printed Name. Erin Workman

Title: Regulatory Compliance Associate

Date: 01.10.14

#### HOBBS OCD

# FEB 01 2013

DISTRICT 1

675 V. Touris Dr., Holder, NM, ESQ 87

675 V. Touris Dr., Holder, NM, ESQ 87

DISTRICT III
118 First L., Ansales, VM, 67210

Raise (175) VM-120 Fisc (176) VS 1752

DISTRICT III
1600 Ris Remay Rd., Amm, NM12140

Fisc (175) VM-127 Fisc (175) VS 1752

DISTRICT IV
1205 S. F. Touris Dr., Seep Fis, VM 67335

State of New Mexico

## RECEIVED

Form C-102 Revised August 1, 2011

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

Submit one copy to appropriate District Office

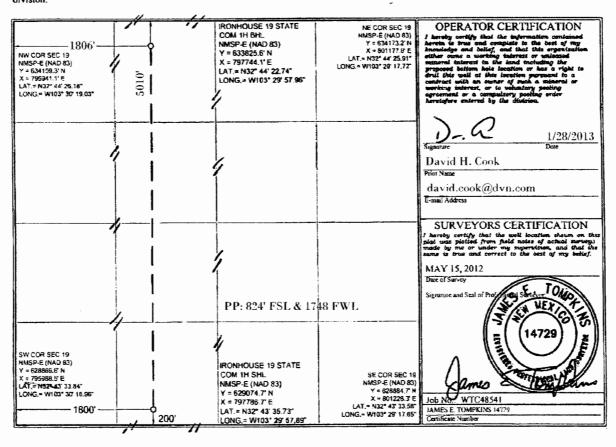
1220 South St. Francis Dr. Santa Fe, New Mexico 87505

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

		WEL	L LUCA	HON A	ND ACKEA	JE DEDICA I	ION PLAT		
	Pl Number 025-4067	6	I .	Pool Code 7930	/	Airstris	Pool Name D S BONE	SPRING,	VE
Property C	ode	-			Property Name			₩ell Number	
39319				1H	l				
OGRIDI	ю.			Elevati	στ.				
6137			DEVO	N ENER	GY PRODUCTION	ON COMPANY, I	LP	3951	.6'
					Surface Locati	on			
UL or lot no.	Section	Township	Range	Lor Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	19	18 S	35 E		200	SOUTH	1800	WEST	LEA
	L		Bott	om Hole	Location If Diffe	rent From Surfac	e		<u></u>
U1, or let no.	Section	Township	Range	Louldin	Feet from the	North/South line	Feer from the	East/West line	County
С	19	18.5	35 E		14948	SOUTH	1806772	WEST	LEA
Dedicated Acres	Joint or	lefill .	Consolidated Co	de Ord	TNo.				
160									

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.



# HOB3S OCD

AUG 1 3 2013

District! 1625 N. French Dr., Hobbs, NM 38240

Phone. (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Biazos Road, Aztec, NM 37410

Phone: (505) 334-6178 Fax: (505) 334-6170 District fV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico

Disactor Phone (378) 748-1781 Received Transition Fig. (378) 748-1781 Received Phone (378) 748-1781 Resources Department 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-41094	<sup>2</sup> Pool Code 97930	<sup>3</sup> Pool Name WC-025 G-06 S183518A; BONE	SPRING
Property Code 39319		operty Name "19" STATE COM	<sup>6</sup> Well Number  2H
OGRID No. 6137		erator Name DDUCTION COMPANY, L.P.	<sup>3</sup> Elevation 3931.8

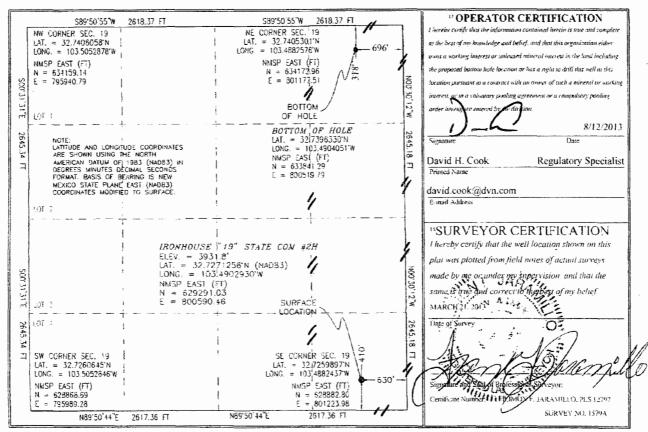
Surface Location

	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	P	19	18 S	35 E		410	SOUTH	630	EAST	LEA
٠,			····	U.D.	*** T1-	la Canadina I	CDifferent From	m Cumfaga		

Bottom Hole Location It Ditterent From Surface

				-	7000111 640	C Dovamen in	Dillot Other Con-			
ſ	UL or lut no.	Section	Township	Range	Lot (dn	Feet from the	North/South line	Feet from the	East/West line	County
	A	19	185	35 E		1963	NORTHS	W 587	EAST	LEA
	2 Dedicated Acres	Joint o	r lafill   14 (	Consolidation	Code 13 Or	rder No.				
	160				ļ					
L					i					

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



# HOB3S OCD

AUG 1 3 2013

District I
1022 N. French Dr., Hobbs, NM 88240
Phone: (375) 393-6161 Fax; (375) 393-0720
District II
811 S. Fiat St., Artesia, NM 88210
Phone: (575) 748-1283 Fax; (575) 748-9720
District II
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 34-6178 Fax; (505) 334-0170
District IV
1220 S. St. Francis Dr., Sama Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

RECEIVED State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

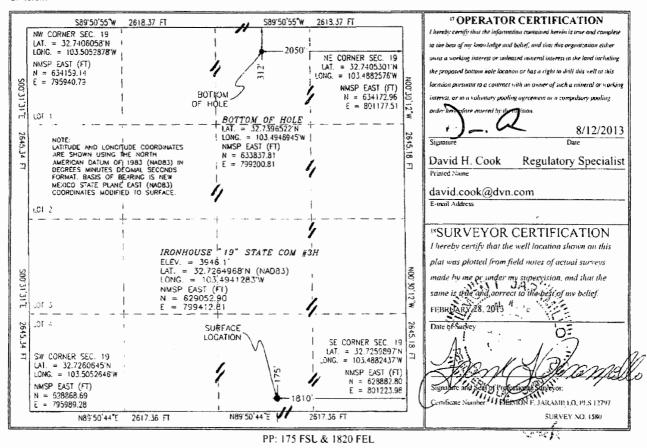
30-025-41		•				
Property Code 39319	IRONHOU	SE "19" STATE COM	" Well Number 3H			
OGRID No.		* Operator Name	" Elevation			
6137	DEVON ENERGY F	PRODUCTION COMPANY, L.P.	3946.1			

" Surface Location East/West line UL or lot no. Feet from the North/South line Feet from the County Section Township Range Lot ide 35 E 175 0 19 SOUTH 1810 **EAST** 18 S LEA

"Bottom Hole Location If Different From Surface

UL or lot no. B	Section 19	Township 18 S	Range 35 E	Lot Idn	Feet from the	North/South line	Feet from the 2 <del>950</del>	East/West line EAST	County LEA
12 Dedicated Acres	i loint u	r Infill 14 C	Consolidation	Code 15 O	rder Not 6		2051		

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.



HOBBS OCD

District I 1625 N. French Dr., Hobbs, NM 58240

Phone: (575) 392-6161 Fus: (575) 392-9730 2 6 2 13

District II \$11 S. First St., Artesia, NM \$8210 Phone: (575) 748-1283 Fax: (575) 748-9720 RECEIVED District III

1000 Rio Brazos Road, Aztec. NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 1220 S. St. Francis Dr., Santa Fe, NM 37505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

iergy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

> 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

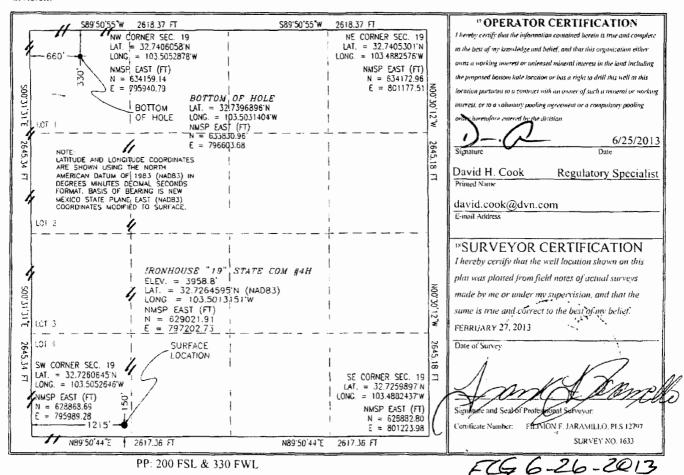
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	WEEL BOOK TIGHT TO THE SECRET OF THE SECRET	
30025-	41245 97930 WC-025 G065183518F	; Bone Spring
Property Code	<sup>5</sup> Property Name	6 Well Number
39319	IRONHOUSE "19" STATE COM	4H
OGRID No.	* Operator Name	<sup>9</sup> Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3958.8

Surface Location UL or lot no Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 18 S SOUTH 1215 19 35 E 150 WEST LEA " Bottom Hole Location If Different From Surface UL or lot no Section Lot Idn Feet from the North/South line Feet from the East/West line Township Range County 19 18 S 35 E 330 NORTH 660 WEST LEA <sup>12</sup> Dedicated Acres Joint or Infill \* Consolidation Code Order No. 153.24

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.



JUN 27 2013

#### HOEBS OCD

JUN 03 2013

Obstrict 1 1025 N. French Dr., Hobbs, NM 88240 Phone: (375) 303-9161 | Fact, (375) 393-0720 District II 841 S. First St., Artesia, NM 88240 Phone: (375) 748-1283 Fax; (375) 746-0720 District III

Disciple III 1000 Root Rout. Agree, NM 87410 Phone (905) 334-6178 Pm, (905) 334-6170 Discript JM 1220 S. St. Francis Dr., Santa Fe, NM 87508

Phone (505) 476-3460 Pax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

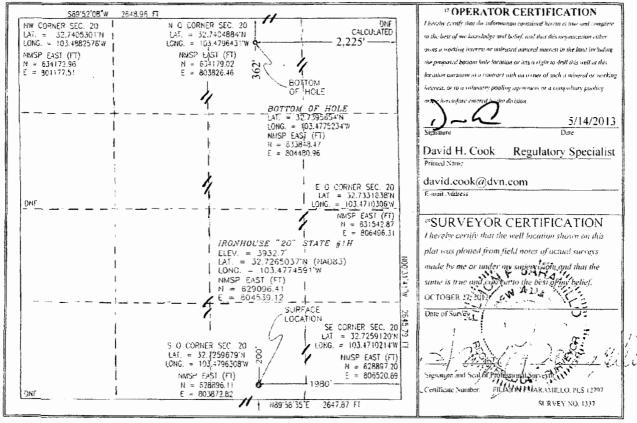
Form C-102
Revised August 1, 2011
RECEIVE Dopy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Number-025-406			<sup>3</sup> Pool Code WC-025 G-06 S183518A; Bo					ng	
* Property	Code			Property Name IRONHOUSE "20" STATE						
OGRID 6137			DEV	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.						
					" Surface	Location				
Ut. or let no.	Section 20	Township 18 S	Range 35 E	Lot Idn	Feet from the 200	North/South line SOUTH	Feet from the 1980	East/West line EAST	County LEA	
			" Bo	ttom Hol	e Location II	Different Fron	n Surface			
UL or let no.	Section 20	Township 18 S	Range 35 E	Lot lân	Feet from the	North/South fine	Feet from the	East/West line EAST	County	
Dedicated Acre			onsolidation	Code 13 Or	der to 5	- Maries	2030	EAGT	LEA	

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.



PP: 2045 FEL & 863 FSL

HOBBS OCD Phone: (575) 343 AVA COLOR NM 882-10

State of New Mexico

District II \$11 S. First St., Arresia, NM 88240 DEC Phone: (575) 748-1283 Fax: (575) 748-9720

Phone: (505) 476-3460 Fax: (505) 476-3463

District III

nergy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

> 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate

AMENDED REPORT

District Office

1000 Rio Brazos Road, Aztec, NM \$7-110 Phone: (505) 334-6178 Fax: (505) 334-61 RECEIVED District IV 1220 S. St. Francis Dr., Santa Fe, NM 37505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40748	<sup>2</sup> Pool Code 97930		
<sup>1</sup> Property Code 39267 39596	<sup>3</sup> Property Name IRONHOUSE "20" STATE		<sup>6</sup> Well Number 2H
OGRID No.	Operator Name		<sup>9</sup> Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.		3927.8

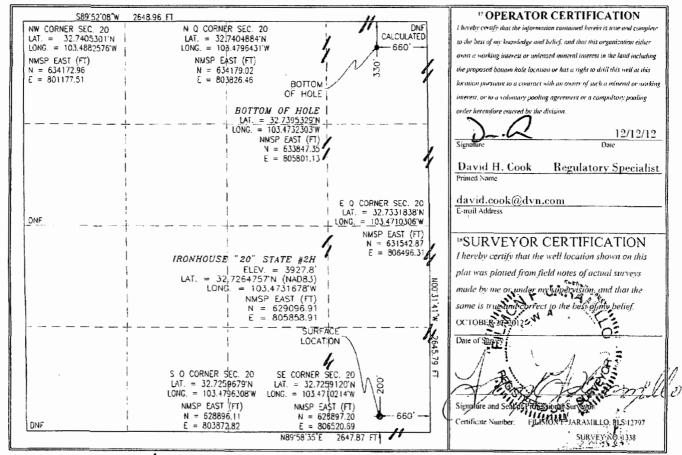
<sup>10</sup> Surface Location

Ut. or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 35 E SOUTH 20 18 S 200 660 **EAST** LEA

"Bottom Hole Location If Different From Surface

UL or lot no.	Section 20	Township 18 S	Range 35 E	Lot fdn	Feet from the	North/South line NORTH	Feet from the	East/West line EAST	County LEA
12 Dedicated Acres	s 3 Joint or	Infill 14 C	onsolidation	Code 15 Or	der 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.



Amended



January 10, 2014

# <u>CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

Interest Owners

Re: Central Tank Battery

Ironhouse 19 State Com 1H, Ironhouse 19 State Com 2H, Ironhouse 19 State Com 3H, Ironhouse 19 State Com 4H, Ironhouse 20 State Com 1H, Ironhouse 20 State 2H,

Sec, 19-18S-35E, Sec. 20-18S-35E

Leases: NMNM 1478 NMNM1499, NMNM1374

API: #30-025-40676, #30-025-41094, #30-025-41050, #30-025-41245, #30-025-40748,

#30-025-40611

Pool: (97930) WC-025 G-06 S183518A; Bone Spring, (97946) WC-025 G-05 A

Lea County, New Mexico

#### Gentlemen:

This is to advise you that Devon Energy Production Company, LP, is filing an application with the New Mexico Oil Conservation Division ("NMOCD") seeking approval to permit a Central Tank Battery, and commingle for the aforementioned wells from the aforementioned leases and pools.

A copy of our application submitted to the Division is attached.

Any objections or requests that a hearing should be held regarding this application must be submitted to the New Mexico Oil Conservation Division, Santa Fe office within 20 days from the date of this letter.

Please contact the undersigned at (405) 552-7970 should you have any questions or need anything further.

Sincerely,

Ernr workman

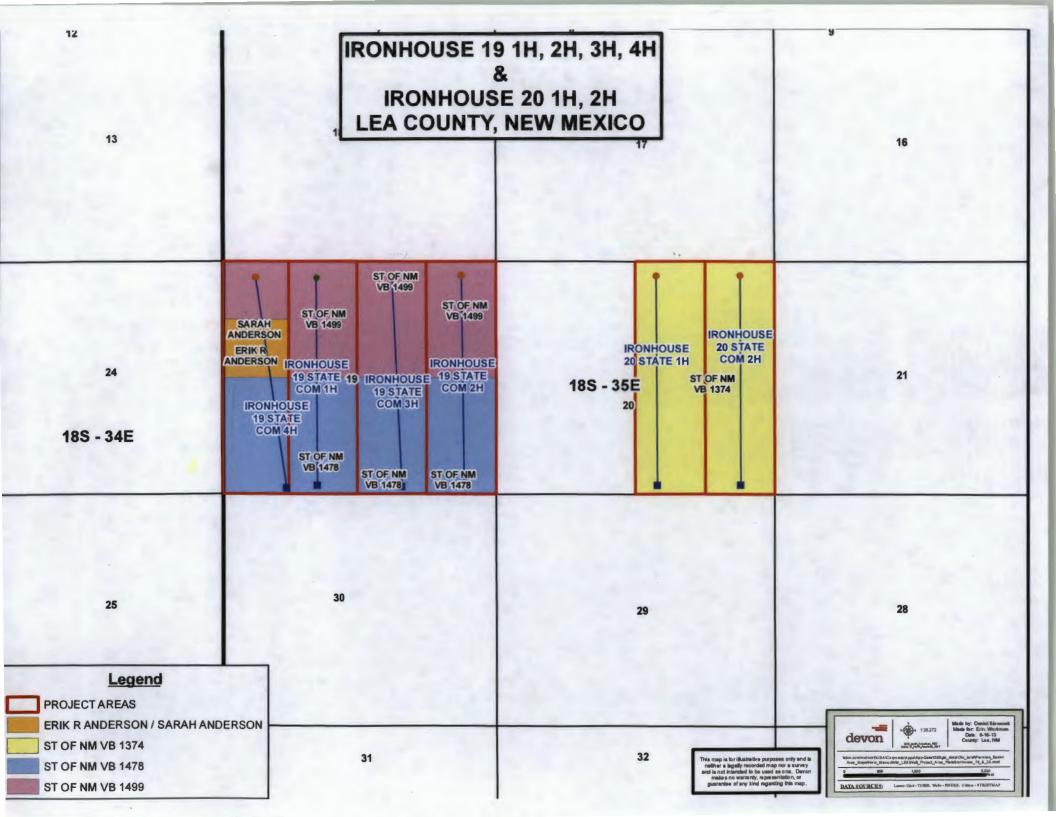
Regulatory Compliance Associate

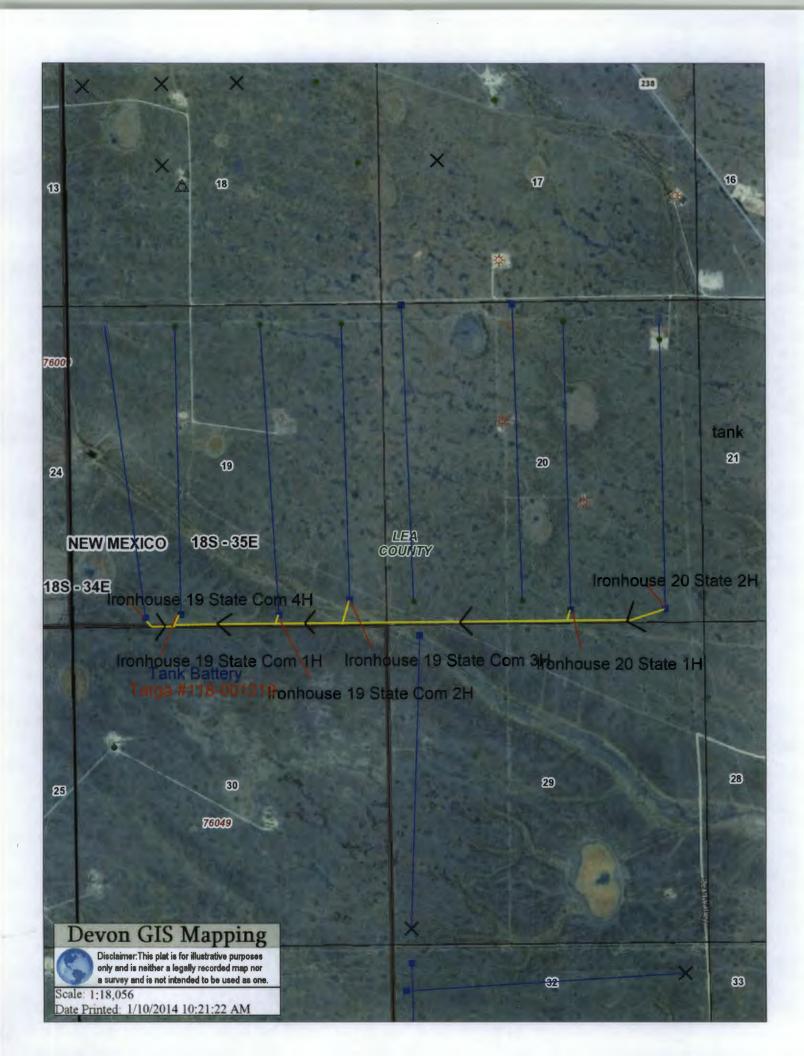
**Enclosures** 

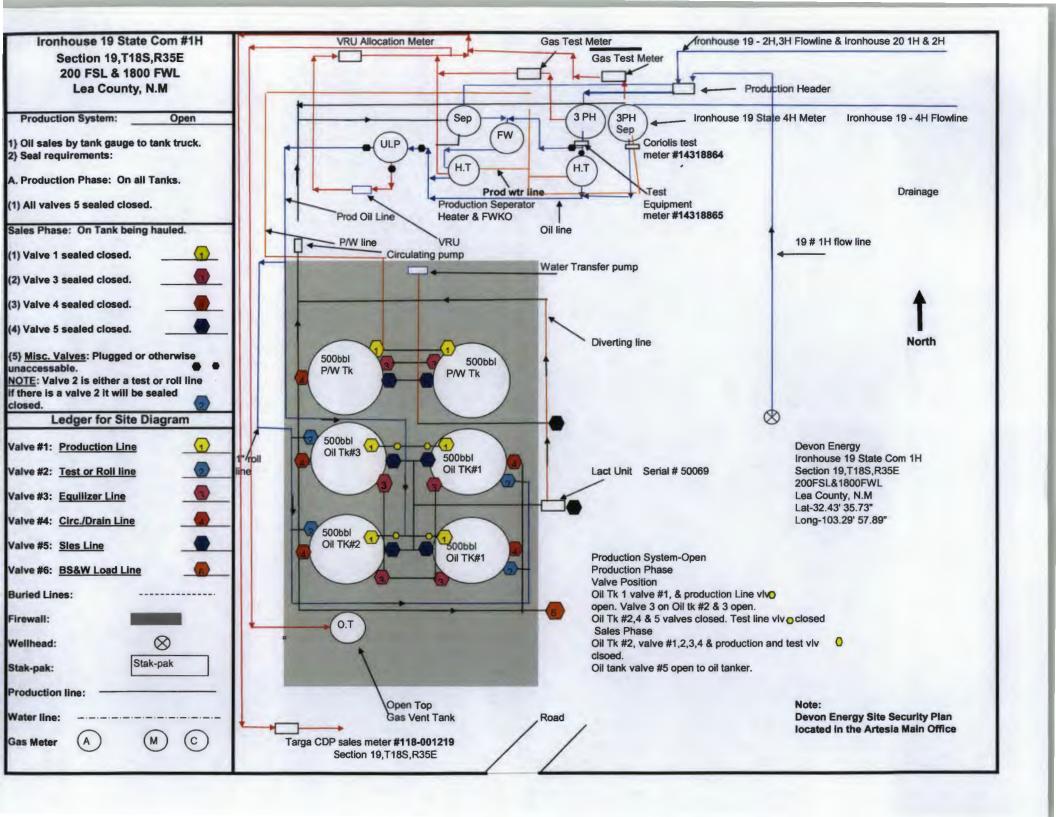
# **CERTIFIED MAILING LIST**

Mailing Reference: Ironhouse Commingle

Repondent Name/Address:	Certified Mailing Number:
Becky Brooks Lee Christmas P.O. Box 173 Wagon Mound, NM 87752	91 7199 9991 7032 9637 4366
Bill L. Lee, Trustee fbo Lee Family Trust, dtd 4/13/1993 176 Lee Ranch Road Lovington, NM 88260	91 7199 9991 7032 9637 4311
Brookie Anderson Green 2814 Emerson Place Midland, TX 79705	91 7199 9991 7032 9637 4342
Charles R. Lee 600 Goliad Court NW Albuquerque, NM 87107	91 7199 9991 7032 9637 4304
Elizabeth Forrest Berry P.O. Box 160 Eunice, NM 88230	91 7199 9991 7032 9637 4274
Eric Anderson 228 Ridley Road Cheyenne, WY 82009	91 7199 9991 7032 9637 4250
Giles M. Lee and Jole Lee 44 Swamp Road Lovington, NM 88260	91 7199 9991 7032 9637 4359
John Richard Anderson P.O. Box 136 Gail, TX 79738	91 7199 9991 7032 9637 4373
Lynette Flores 4700 Aurora Drive #133 Ventura, CA 93001	91 7199 9991 7032 9637 4335
Mary Lee Waldrop 5720 Aztec Lane San Angelo, TX 76903	91 7199 9991 7032 9637 4281
MRC Permian Company 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240	91 7199 9991 7032 9637 4243
Sarah Anderson 5418 West 77th Street Westchester, CA 90045	91 7199 9991 7032 9637 4328
Scharbaauer Minerals, LP P.O. Box 111 Midland, TX 79702	91 7199 9991 7032 9637 4267
State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, NM 87504	91 7199 9991 7032 9637 4236
T H McElvain Oil & Gas LLLP 1050 17th Street, Suite 2500 Denver, CO 80265	91 7199 9991 7032 9637 4229
THOMASTON, LLC 1050 17th Street, Suite 2500 Denver, CO 80265	91 7199 9991 7032 9637 4380
William Richard Anderson, Trustee fbo Malcolm S. Anderson Descendant Trust, dtd 7/2/98 2935 Meander Road Windsor, CO 80550	91 7199 9991 7032 9637 4298







North Permian Basin Region P.O. Box 740 Sundown, TX 79372-0740 (806) 229-8121

Lab Team Leader - Sheila Hernandez (432) 495-7240

# ANALYTICAL REPORT

Company:

**DEVON ENERGY CORPORATION** 

Report Date:

07/31/13

Region:

**PERMIAN BASIN** 

Date Range:

7/30/12 - 8/1/13

Area:

ARTESIA, NM

Sales RDT:

33521.1

Lease/Platform:

**IRON HOUSE** 

Account Manager: GENE ROGERS (575) 910-1022

\$15.00

Analysis Cost: (Per Reading)

Location	Sample Point	Sample Date	Item	Reading Units
1	WELLHEAD	07/24/13	API GRAVITY	37 @ 60°F
3	WELLHEAD	07/24/13	API GRAVITY	38 @ 60°F

# Precision Gas Measurement, Inc. Natural Gas Report

## **Sample Information**

	Sample Information
Company Name	DEVON ENERGY
Lease Name	IRONHOUSE 19-1 TEST
Location ID	677 49058
Sample Date	1/14/2013
WATER	
Method Name	BTUH2S.met
Injection Date	2013-01-15 08:46:27

# **Component Results**

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Gross HV (Sat.) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
H2S	0.0000	0.0	0.0	0.00000	0.000
NITROGEN	4.1584	0.0	0.0	0.04022	0.459
CARBON DIOXIDE	0.4684	0.0	0.0	0.00712	0.080
METHANE	66.3796	672.0	660.3	0.36768	11.299
ETHANE	16.1863	287.1	282.1	0.16805	4.346
PROPANE	8.6119	217.2	213.4	0.13112	2.382
I-BUTANE	0.8939	29.1	28.6	0.01794	0.294
N-BUTANE	2.0060	65.6	64.5	0.04026	0.635
I-PENTANE	0.4345	17.4	17.1	0.01082	0.160
N-PENTANE	0.3637	14.6	14.4	0.00906	0.132
C6+	0.4973	25.6	25.1	0.01600	0.217
Water	0.0000	0.0	0.0	0.00000	0.000
Total:	100.0000	1328.6	1305.5	0.80826	20.004

## **Results Summary**

Result	Dry	Sat.
Total Normalzed Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	36.0	
Flowing Pressure (psia)	130.0	
Water Mole%	-	1.7407
Gross Heating Value (BTU / Ideal cu.ft.)	1328.6	1305.5
Gross Heating Value (BTU / Real cu.ft.)	1334.3	1311.7
Relative Density (G), Real	0.8114	0.8085
Compressibility (Z) Factor	0.9957	0.9953
Total GPM	20.004	19.764
Wobbe Index	1481.3	1458.8



# www.permianls.com 575.397.3713 2609 W Marland Hobbs NM 88240

#### **Total Sulfur in Crude**

Devon Energy

Attention: Robert Hernandez

P. O. Box 250

Artesia, New Mexico 88211-0250

## 07/02/13

	Total Sulfur	API Gravity	Specific Gravity
Aquilla 22 # 1	0.1134 wt.%	37.4	0.8377
Aquilla 22 # 2	0.1211 wt.%	37.9	0.8353
Antares 23 Battery	0.1066 wt.%	38.4	0.8328
Ironhouse 19 Battery	0.1324 wt.%	39.0	0.8299
Gaucho 21 Fed 1H	0.1 <b>8</b> 39 wt.%	40.9	0.8207
Gaucho 21 Fed 2H	0.2609 wt.%	37.1	0.8392
Bellatrix 28 Battery	0.1002 wt.%	40.7	0.8217

WC Name	Month	Year	Oil Prod	gasProd
IRONHOUSE 19 STATE COM 1H	07	2013	3484.09	1516
IRONHOUSE 19 STATE COM 1H	08	2013	6498.00	3381
IRONHOUSE 19 STATE COM 1H	09	2013	5237.58	3366
IRONHOUSE 19 STATE COM 1H	10	2013	4854.10	1524
IRONHOUSE 19 STATE COM 1H	11	2013	3096.58	1391
RONHOUSE 19 STATE COM 1H	12	2013	4362.59	2300
RONHOUSE 19 STATE COM 3H	07 08	2013	8449.45 16198.44	4089 7853
FONHOUSE 19 STATE COM 3H	09	2013	11064.68	6104
RONHOUSE 19 STATE COM 3H	10	2013	10530.95	5304
RONHOUSE 19 STATE COM 3H	11	2013	6175.89	1905
IRONHOUSE 19 STATE COM 3H	12	2013	9446.41	3192
RONHOUSE 19 STATE COM 4H	15	2013	8066 33	3565
RONHOUSE 20 STATE COM 1H	07	2013	268.26	0
IRONHOUSE 20 STATE COM 1H	08	2013	1237.77	991
IRONHOUSE 20 STATE COM 1H	09	2013	2747.41	2238
	40	2012	3083.83	1914
RONHOUSE 20 STATE COM 1H	10	2013	2022.00	1015
RONHOUSE 20 STATE COM 1H RONHOUSE 20 STATE COM 1H	11	2013	2527.12	859