

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**
- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

- PLC 449
 - Devon Energy Production Company, LP
 6137
 - well
 - Ichubod 7 Fed #14
 30-025-40043
 - Ichubod 7 Fed #44
 30-025-40574
 - Green well 17 Feb. 14
 30-025-41232
 Pool
 - Bradley Pelchen 7310
 - well 025 G-06 5263407 PUPH
 Bone Springs 97852

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Erin Workman
 Print or Type Name

Signature

Regulatory Compliance Prof
 Title

04.28.16
 Date

Erin.Workman@dvn.com
 E-mail Address



Devon Energy Corporation
333 West Sheridan Avenue
Oklahoma City, OK 73102-5010

405 552-7970 Phone
Erin.workman@dvn.com

RECEIVED OCD

April 28, 2016

2016 MAY -2 A 11: 13

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

**Re: Request for Central Tank Battery, Pool Commingle
Ichabod 7 Fed 1H & 4H and Green Wave 20 Fed 1H
Sec 7, T26S, R34E & Sec. 20, T26S, R34E
API #30-025-40043, #30-025-40574, & 30-025-40383
Pool 97892 WC-025 G-06 S263407P: Upper; Bone Spring & 7310 Bradley, Delaware
Lease Numbers: NMNM14990 & NMNM14991
Lea County, New Mexico**

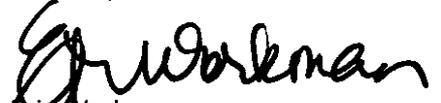
Dear Mr. Ezeanyim:

Please find attached the OCD Form C-107B & the BLM approved application for a Central Tank Battery\Pool Commingle 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 have any questions or need further assistance, please do not hesitate to contact me at (405) 552-7970.

Sincerely,


Erin Workman
Regulatory Compliance Professional

Enclosures

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Ave, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

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)

OPERATOR NAME: Devon Energy Production Co., LP
OPERATOR ADDRESS: 333 W Sheridan Avenue, Oklahoma City, OK 73102
APPLICATION TYPE:

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: Fee State 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
 Yes No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes
Wildcat, Bone Spring – Ichabod 7 Fed 1H	42.1			
Bradley, Delaware – Ichabod 7 Fed 4H & Green Wave 20 Fed 1H	43.7			

(2) Are any wells producing at top allowables? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No.
(4) Measurement type: Metering Well Test Method & Tank Gauging
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Tank Gauging)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

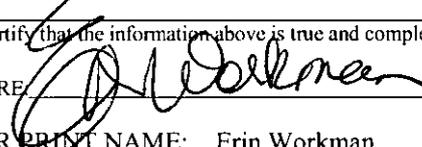
(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No
(2) Include proof of notice to all interest owners.

(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.
(3) 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 Professional DATE: 04.28.16

TYPE OR PRINT NAME: Erin Workman TELEPHONE NUMBER: 405-552-7970

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

APPLICATION FOR A CENTRAL TANK BATTERY, POOL COMMINGLE

Proposal for Ichabod 7 Fed 1H & 4H and the Green Wave 20 Fed 1H:

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

Federal Lease NMNM114991 (12.5%)

Well Name	Location	API #	Pool 7310	BOPD	OG	MCFPD	BTU
Green Wave 20 Fed 1H	Sec. 20, SWSW, T26S, R34E	30-025-40383	Bradley, Delaware	15	43.7*	28	1283.2

Federal Lease NMNM114990 (12.5%)

Well Name	Location	API #	Pool 7310	BOPD	OG	MCFPD	BTU
Ichabod 7 Fed 4H	Sec. 7, SESE, T26S, R34E	30-025-40574	Bradley, Delaware	20	43.7	36	1256.7

Federal Lease NMNM114990 (12.5%)

Well Name	Location	API #	Pool 97892	BOPD	OG	MCFPD	BTU
Ichabod 7 Fed 1H	Sec. 7, SESE, T26S, R34E	30-025-40043	WC-025 G-06 S263407P: Upper; Bone Spring	17	42.1	73	1101.2

*Proposed number, oil gravity will be provided upon receipt.

Attached is a map that displays the federal leases and well locations in Sections 7 & 20, T26S, R34E

The BLM's interest in all three wells is 12.5%

Oil & Gas metering:

The central tank battery is located on the shared pad of the Ichabod 7 Fed 1H & 4H in Sec. 7, SESE, T26S, R34E, Lea County, New Mexico. The Ichabod 7 Fed 1H & 4H production will flow through a 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 Green Wave 20 Fed 1H will utilize a production separator/heater treater at the Green Wave 20 Fed 1H. Oil will be sold by Tank gauge method and utilized for both batteries.

The Ichabod 7 Fed 1H & 4H will have three oil tanks that the Ichabod 7 Fed 1H & 4H will utilize. The Green Wave 20 Fed 1H will have three tanks at its location in Sec. 20, T26S, R34E that it will utilize and all three wells will have a common Regency CDP #57363 located northwest of the Ichabod 7 Fed 1H battery in SESE in Sec. 7, T26S R34E. The oil, gas, and water volumes from the Ichabod wells producing to the Ichabod 7 Fed 1H battery will be determined by utilizing a test separator/heater treater at the proposed facility. The oil, gas, and water volumes from the Green Wave well producing to the Green Wave battery will be determined by utilizing a test separator/heater treater at that facility. Both wells will utilize production equipment except during well test method, which will be conducted twice a month for a minimum of 24 hours.

The well which is on test production from the Ichabod 7 Fed 1H & 4H will flow into a two phase separator, where after separation gas combines with gas from the production side, and is then routed to the gas test meter # 390-49-183, into the check meter #390-12-137, and to the Regency CDP #57363 located northwest of the Ichabod 7 Fed 1H battery in SESE in Sec. 7, T26S R34E. After separation, the produced water and oil the flow into the FWKO, where after separation the oil flows into the horizontal heater, then into one of the 500 bbl. oil tanks where the tank gauge method is utilized to test the oil. The water flows into from the FWKO, then through the turbine meter, and then combines with the water from the horizontal heater, and flows into one of the 500 bbl. produced water tanks, along with the water from the other well.

The Green Wave 17 Fed 1H well will flow into its own two phase separator, where after separation gas is routed to the gas allocation meter #390-12-173, then flows to the Ichabod 7 Fed 1H and commingles with the gas and flows Regency CDP #57363 located northwest of the Ichabod 7 Fed 1H battery in SESE in Sec. 7, T26S R34E. After separation, the produced water and oil flow into the FWKO, then to the heater/treater, and into an oil production where it is combined with the other wells oil, and then into one of the 500 bbl. oil tanks. The oil is then measured utilizing the tank gauge method. The water is metered using a turbine meter, then flows to the 500 bbl. produced water tank, along with the water from the other wells.

Oil production will be allocated on a daily basis based on the tank gauging method for each well. The Ichabod 7 Fed 1H & 4H gas production from the test gas meter #390-49-183 and the Green Wave 17 Fed 1H production from the Gas allocation meter #390-12-173 will commingle and flow through Regency's CDP #57363 in SESE in Sec. 7, T26S R34E. Gas production from all three

wells will be allocated on a daily basis using the gas allocation meters. These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The BLM and OCD will be notified of any future changes in the facilities.

Process and Flow Descriptions:

The flow of produced fluids is shown in detail on the enclosed Process Flow Diagram, along with a description of each vessel and map which shows the lease boundaries, location of wells, facility, and gas sales meter. The proposed commingling is appropriate based on the BLM's guidance in IM 2013-152. The proposed commingling will maximize the ultimate recovery of oil and/or gas from the federal leases and will reduce environmental impacts by minimizing surface disturbance and emissions. The proposed commingling will reduce operating expenses, as well as, not adversely affect federal royalty income, production accountability, or the distribution of royalty.

Devon Energy Production Company, LP understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

Signed:

Printed Name: Erin Workman

Title: Regulatory Compliance Professional

Date: 04.28.16

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 87602
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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FEB 08 2011

40855UCD

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 October 15, 2009
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number: 30-025-40043	Pool Code: 96403	Well Name: Wildcat Boone Spring	Pool Name: AVALON SHALE
Property Code: 38479	Property Name: ICHABOD "7" FED.		Well Number: IH
OCRID No. 6137	Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.		Elevation: 3363.1

10 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	7	26 S	34 E		195	SOUTH	330	EAST	LEA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	26 S	34 E		330	SOUTH NORTH	330	EAST	LEA

Dedicated Acres: 1.60	Joint or Infill:	Consolidation Code:	Order No.: NSL-6327
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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

<p>N. Q CORNER SEC. 7 LAT. = 32°03'54.80"N LONG. = 103°30'32.34"W NMSP EAST (FT): N = 388371.92 E = 796726.43</p>	<p>BOTTOM OF HOLE LAT. = 32°03'51.56"N LONG. = 103°30'05.48"W NMSP EAST (FT): N = 388062.01 E = 799040.78</p>	<p>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 an undivided mineral interest in the land which the proposed bottom hole location or has a right to drill this well on this location pursuant to a contract with an owner of such mineral or working interest, or has voluntarily pending agreement or a compulsory pooling order hereinafter entered by the division</p> <p>Signature: <i>Spence Laird</i> Date: 10/1/10 Printed Name: SPENCE LAIRD</p>
<p>ICHABOD "7" FED. #1H ELEV. = 3363.1 LAT. = 32°03'04.452"N (NAD83) LONG. = 103°30'05.434"W NMSP EAST (FT) N = 383300.45 E = 799021.34</p>	<p>NE CORNER SEC. 7 LAT. = 32°03'54.89"N LONG. = 103°30'01.65"W NMSP EAST (FT) N = 388394.89 E = 799367.86</p>	<p>18 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</p> <p>Signature and Seal of Professional Surveyor: <i>[Seal]</i> Certificate Number: 11580110 PLS 12797 SURVEY NO. 211</p>
<p>S. Q CORNER SEC. 7 LAT. = 32°03'02.52"N LONG. = 103°30'32.30"W NMSP EAST (FT) N = 383087.26 E = 796770.26</p>	<p>SE CORNER SEC. 7 LAT. = 32°03'02.52"N LONG. = 103°30'01.60"W NMSP EAST (FT) N = 383108.02 E = 799412.97</p>	

HOBBS OCD

NOV 01 2012

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesa, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40574	Pool Code 92939	Property Name 310 Bradley Delaware	Well Number 4H
Property Code 38479	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		Elevation 3367.8
GRID No. 6137			

" Surface Location

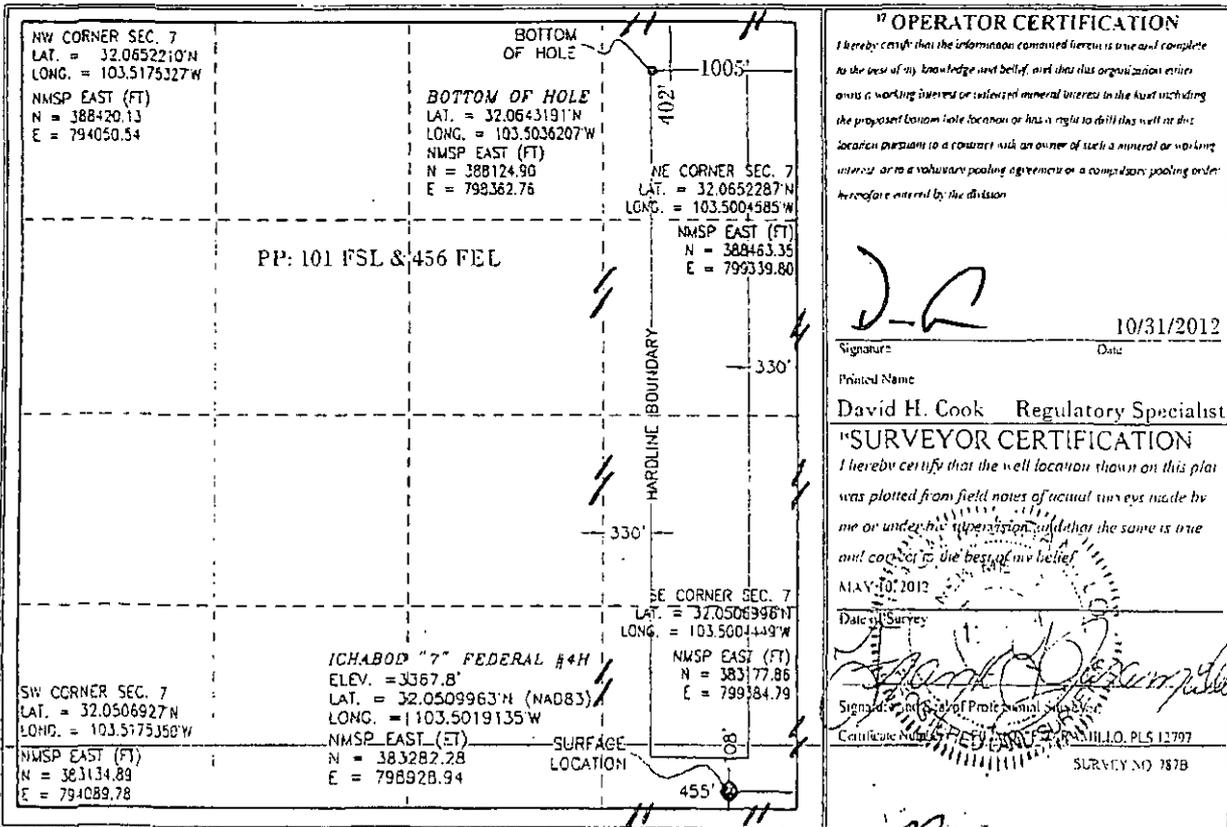
U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	26 S	34 E		108	SOUTH	455	EAST	LEA

" Bottom Hole Location If Different From Surface

U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	26 S	34 E		400	NORTH	1000	EAST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No. 1020
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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 per OCD eff. 11/01/2012

DEC 10 2012

DISTRICT I
1621 N. Fourth St., Santa Fe, NM 87504
Phone: (505) 424-6241 Fax: (505) 424-6242

DISTRICT II
511 S. 15th St., Santa Fe, NM 87504
Phone: (505) 424-6241 Fax: (505) 424-6242

DISTRICT III
1029 Rio Grande St., Santa Fe, NM 87504
Phone: (505) 424-6241 Fax: (505) 424-6242

DISTRICT IV
1220 S. 15th St., Santa Fe, NM 87504
Phone: (505) 424-6241 Fax: (505) 424-6242

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-41232	Pool Code Q7892	Well Name W10329 6-05 526 34079	Pool Name Bone Spring	Well Number 7310 Bradley
Property Code 39974	Property Name GREEN WAVE 17 FED		Well Number 1H	
OGRID No 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, LP.		Elevation 3353.8'	

*Bradley
Delaware*

Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	17	26 S	34 E		25	SOUTH	1980	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	17	26 S	34 E		330	NORTH	1980	WEST	LEA

Dedicated Acres 160	Joint or Infill	Consolidated Code	Order No.
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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 COR SEC 17 NMSP-E (NAD 83) Y = 383178.4' N X = 709386.3' E N. LAT. = N32° 03' 02.52" W. LONG. = W103° 30' 01.60" 1980'	330' N 00° 29' 33" W - 4914.3'	GREEN WAVE 17 FED-1H BHL NMSP-E (NAD 83) Y = 382862.9' N X = 801368.2' W N. LAT. = N32° 02' 59.25" W. LONG. = W103° 29' 38.59" 1980'	NE COR SEC 17 NMSP-E (NAD 83) Y = 383218.2' N X = 804674.4' E N. LAT. = N32° 03' 02.51" W. LONG. = W103° 29' 00.14"	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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Trina C. Couch</i> 9/19/14 Signature Date Trina C. Couch, Regulatory Analyst Print Name trina.couch@dvn.com E-mail Address
		SW COR SEC 17 NMSP-E (NAD 83) Y = 377902.6' N X = 799430.8' E N. LAT. = N32° 02' 10.31" W. LONG. = W103° 30' 01.54" 1980'	25' 1980'	GREEN WAVE 17 FED-1H SHL NMSP-E (NAD 83) Y = 377948.8' N X = 801410.4' W N. LAT. = N32° 02' 10.62" W. LONG. = W103° 29' 38.54" 1980'

OCT 01 2014



April 28, 2016

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Interest Owners

Re: Request for Central Tank Battery, Pool Commingle
: Ichabod 7 Fed 1H & 4H and Green Wave 20 Fed 1H
: Sec 7, T26S, R34E & Sec. 20, T26S, R34E
: API #30-025-40043, #30-025-40574, & 30-025-40383
: Pool 97892 WC-025 G-06 S263407P: Upper; Bone Spring & 7310 Bradley, Delaware
: Lease Numbers: NMNM14990 & NMNM14991
: 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, Pool Commingle of production from the following leases and pools.

A copy of our application submitted to the Division, along with the approval from the Bureau of Land Management is attached.

Subsequent drilled wells that produce from the subject pools within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

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,

Devon Energy Production Company, L.P.

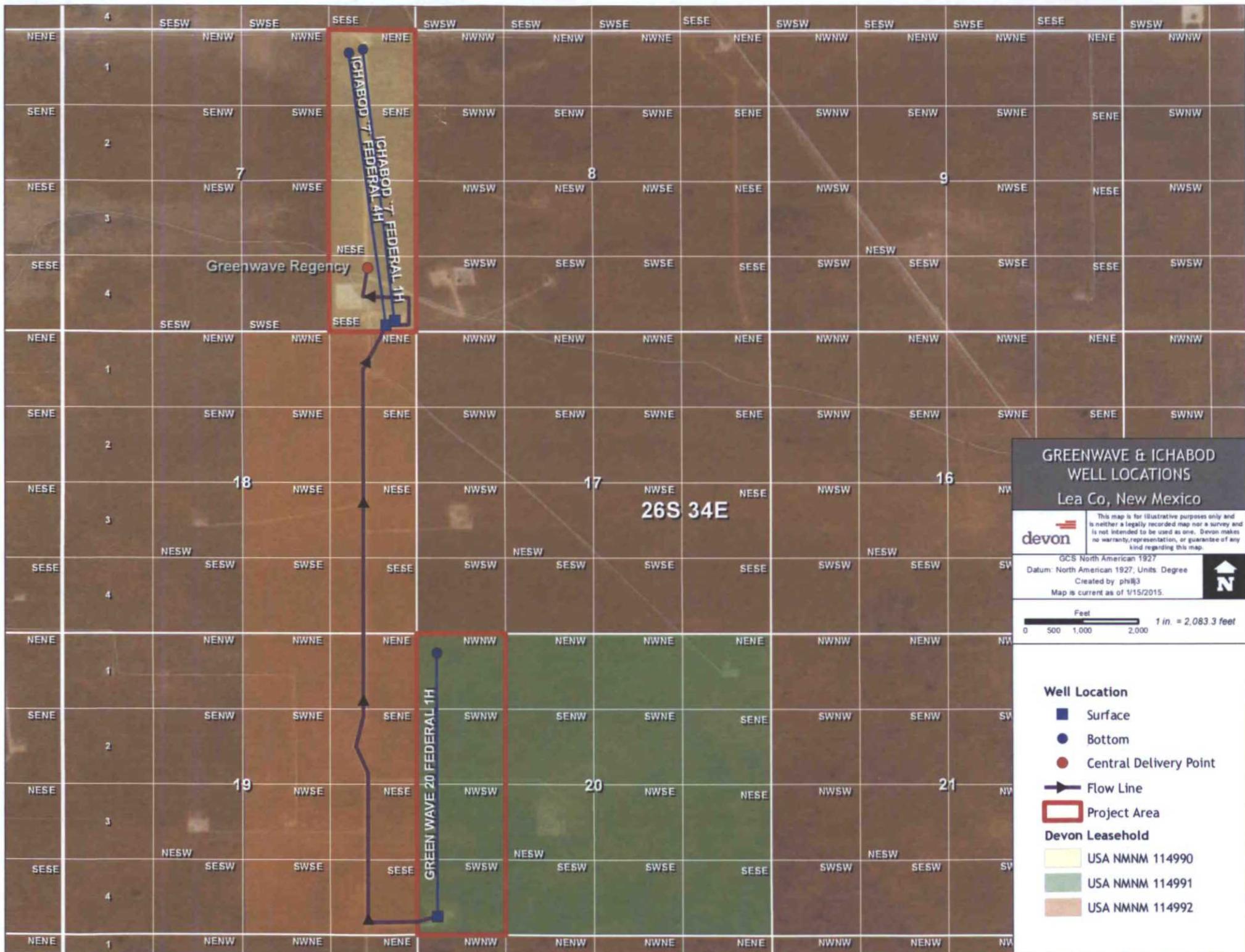
Erin Workman,
Regulatory Compliance Professional

Enclosure

E-CERTIFIED MAILING LIST

Commingle Mailing Reference: **Ichabod 7 Fed 1H Battery**

<u>Repondent Name/Address:</u>	<u>E-Certified Mailing Number:</u>
Chevron North America Exploration & Pro. Co. 1400 Smith Street, Room 43198 Houston, TX 77002	9214 8901 5271 8100 1334 45
BLM 620 E. Green Street Carlsbad, NM 88220-6292	9214 8901 5271 8100 1334 52



**GREENWAVE & ICHABOD
WELL LOCATIONS**
Lea Co, New Mexico

 This map is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

GCS North American 1927
Datum: North American 1927, Units: Degree
Created by: phl/3
Map is current as of 1/15/2015.



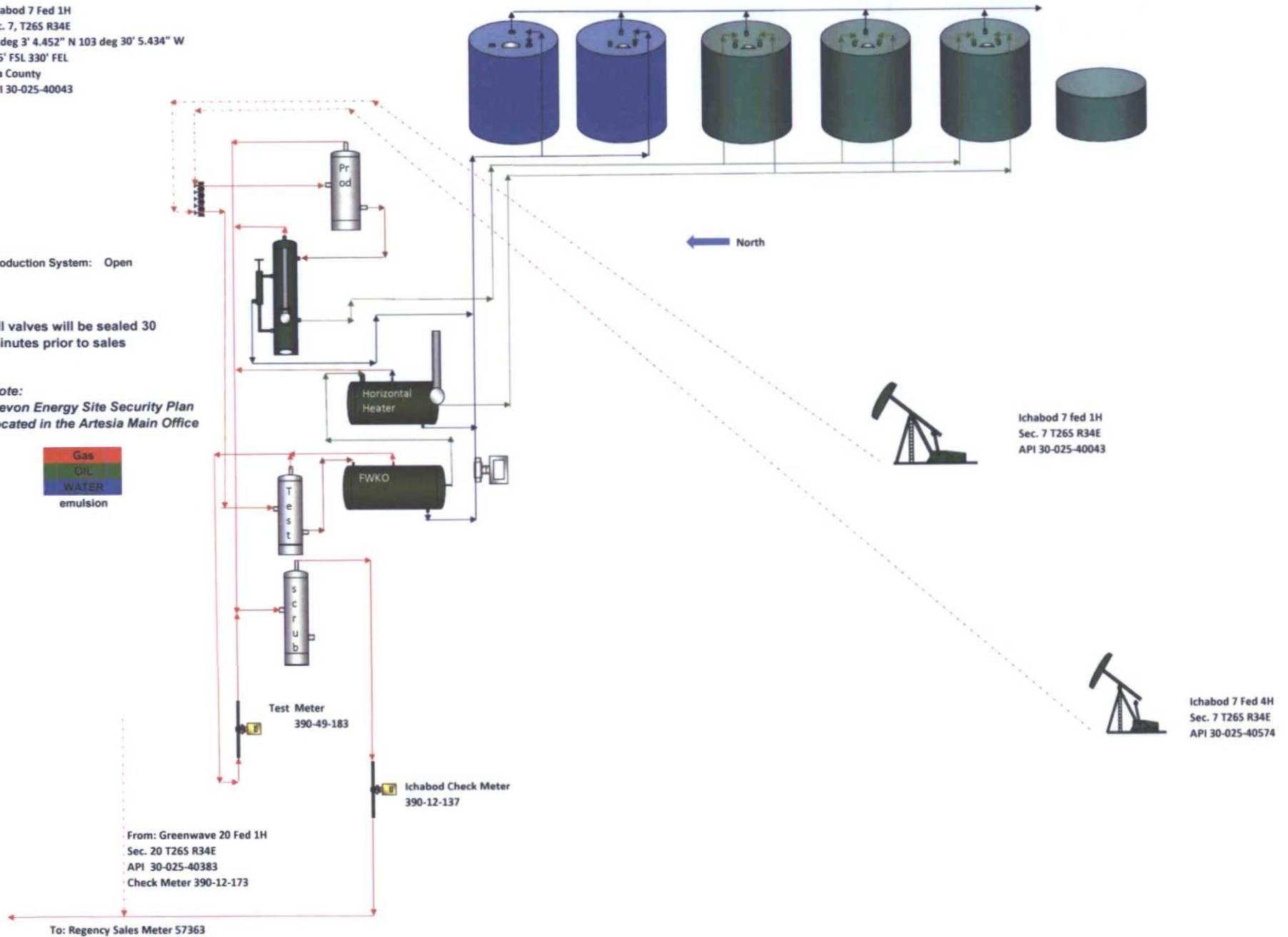
- Well Location**
-  Surface
 -  Bottom
 -  Central Delivery Point
 -  Flow Line
 -  Project Area
- Devon Leasehold**
-  USA NMNM 114990
 -  USA NMNM 114991
 -  USA NMNM 114992

Ichabod 7 Fed 1H
 Sec. 7, T26S R34E
 32 deg 3' 4.452" N 103 deg 30' 5.434" W
 195' FSL 330' FEL
 Lea County
 API 30-025-40043

Production System: Open

All valves will be sealed 30 minutes prior to sales

Note:
 Devon Energy Site Security Plan located in the Artesia Main Office



North

Ichabod 7 fed 1H
 Sec. 7 T26S R34E
 API 30-025-40043

Ichabod 7 Fed 4H
 Sec. 7 T26S R34E
 API 30-025-40574

From: Greenwave 20 Fed 1H
 Sec. 20 T26S R34E
 API 30-025-40383
 Check Meter 390-12-173

To: Regency Sales Meter 57363

Green Wave 20 Fed #1H
 Section 20, T26S, R34E
 330'FSL&330'FWL
 Lea County, N.M
 API# 30-025-40383

Production System: Open

- 1) Oil sales by tank gauge to tank truck.
- 2) Seal requirements:

A. Production Phase: On all Tanks.

- (1) All valves 5 sealed closed.

Sales Phase: On Tank being hauled.

- (1) Valve 1 sealed closed. 
- (2) Valve 3 sealed closed. 
- (3) Valve 4 sealed closed. 
- (4) Valve 5 sealed closed. 

(5) Misc. Valves: Plugged or otherwise unaccessible.

NOTE: Valve 2 is either a test or roll line if there is a valve 2 it will be sealed closed. 

Ledger for Site Diagram

- Valve #1: Production Line 
- Valve #2: Test or Roll line 
- Valve #3: Equilizer Line 
- Valve #4: Circ./Drain Line 
- Valve #5: Sles Line 
- Valve #6: BS&W Load Line 

Buried Lines: 

Firewall: 

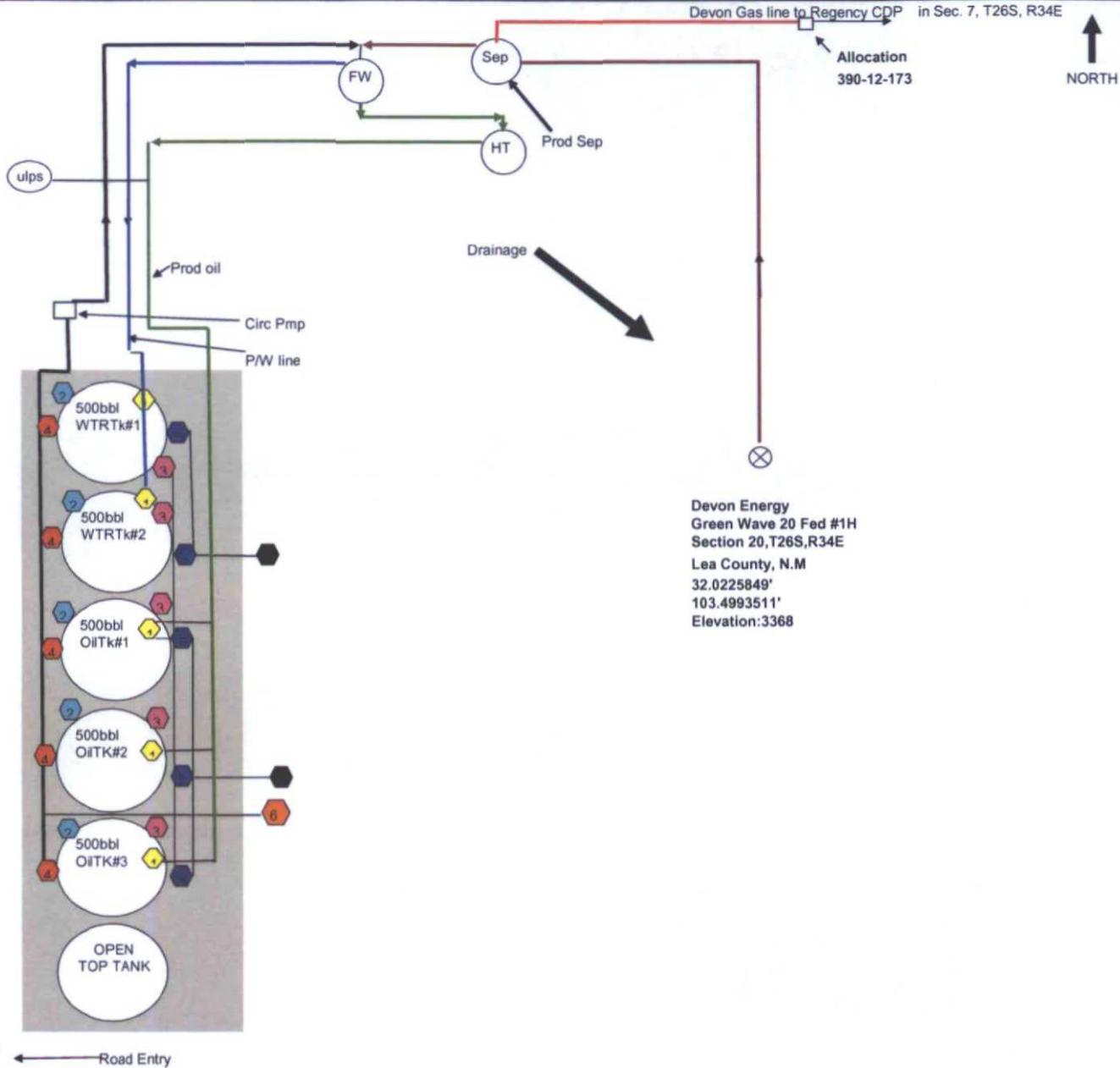
Wellhead: 

Stak-pak:  Stak-pak

Production line: 

Water line: 

Gas Meter   



Devon Energy
 Green Wave 20 Fed #1H
 Section 20, T26S, R34E
 Lea County, N.M
 32.0225849'
 103.4993511'
 Elevation:3368

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.		5. Lease Serial No. Multiple--See Attached
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator DEVON ENERGY PRODUCTION CO ERMail: Erin.workman@dvn.com Contact: ERIN WORKMAN		7. If Unit or CA/Agreement, Name and/or No. Multiple--See Attached
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-7970	8. Well Name and No. Multiple--See Attached
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		9. API Well No. Multiple--See Attached
		10. Field and Pool, or Exploratory Multiple--See Attached
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company, LP respectfully requests approval for a Central Tank Battery, Pool Commingle for the following wells:

Ichabod 7 Fed 1H
Sec. 7, SESE, T26S, R34E
30-025-40043
97892 WC-025 G-06 S263407P: Upper, Bone Spring
NMNM144990

Ichabod 7 Fed 4H
Sec. 7, SESE, T26S, R34E
30-025-40574

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #293380 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 05/04/2015 (15LJ1109SE)**

Name (Printed/Typed) ERIN WORKMAN	Title REGULATORY COMPLIANCE ANALYST
Signature (Electronic Submission)	Date 02/27/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>DUNCAN WHITLOCK</u>	Title <u>TECHNICAL LPET</u>	Date <u>02/23/2016</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <u>Hobbs</u>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional data for EC transaction #293380 that would not fit on the form

5. Lease Serial No., continued

NMNM114990
NMNM114991

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM114990	NMNM114990	ICHABOD 7 FED 1H	30-025-40043-00-S1	Sec 7 T26S R34E SESE 195FSL 330FEL
NMNM114990	NMNM114990	ICHABOD 7 FEDERAL 4H	30-025-40574-00-S1	Sec 7 T26S R34E SESE 108FSL 455FEL
NMNM114991	NMNM114991	GREEN WAVE 20 FEDERAL 1H	30-025-40383-00-S1	Sec 20 T26S R34E SWSW 330FSL 330FWL

10. Field and Pool, continued

WC-025 G09 S263504N

32. Additional remarks, continued

7310 Bradley, Delaware
NMNM144990

Green Wave 20 Fed 1H
Sec. 20, SWSW, T26S, R34E
30-025-40383
7310 Bradley, Delaware
NMNM144991

Verbal approval was given by Duncan Whitlock

The central tank battery is located on the shared pad of the Ichabod 7 Fed 1H & 4H in Sec. 7, SESE, T26S, R34E, Lea County, New Mexico. The Ichabod 7 Fed 1H & 4H production will flow through a 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 Green Wave 20 Fed 1H will utilize a test separator/heater treater at the Green Wave 20 Fed 1H. Tank gauge method utilized for both batteries. VRU will be allocated back to each well utilizing a percentage of each wells monthly oil production.

The Ichabod 7 Fed 1H will have three oil tanks that the Ichabod 7 Fed 1H & 4H will utilize and the Green Wave 20 Fed 1H will have three tanks at its location in Sec. 20, T26S, R34E that it will utilize and all three wells will have a common Regency CDP #57363 located northwest of the Ichabod 7 Fed 1H battery in Sec. 7, T26S R34E. The oil, gas, and water volumes from the Ichabod wells producing to the Ichabod 7 Fed 1H battery will be determined by utilizing a test separator/heater treater at the proposed facility. The oil, gas, and water volumes from the Green Wave well producing to the Green Wave battery will be determined by utilizing a test separator/heater treater at that facility.

Row has or will be sent in for approval.

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

Thank You

Revisions to Operator-Submitted EC Data for Sundry Notice #293380

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	SURCOM NOI	SURCOM NOI
Lease:	NMNM114990	NMNM114990 NMNM114991
Agreement:		
Operator:	DEVON ENERGY 333 WEST SHERIDAN AVENUE OKC, OK 73102 Ph: 405-552-7970	DEVON ENERGY PRODUCTION CO LP 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405 235 3611
Admin Contact:	ERIN WORKMAN REGULATORY COMPLIANCE PROF. E-Mail: Erin.workman@dvn.com Ph: 405-552-7970	ERIN WORKMAN REGULATORY COMPLIANCE ANALYST E-Mail: Erin.workman@dvn.com Ph: 405-552-7970
Tech Contact:	ERIN WORKMAN REGULATORY COMPLIANCE PROF. E-Mail: Erin.workman@dvn.com Ph: 405-552-7970	ERIN WORKMAN REGULATORY COMPLIANCE ANALYST E-Mail: Erin.workman@dvn.com Ph: 405-552-7970
Location: State: County:	NM LEA	NM LEA
Field/Pool:	WC-025G-06S263407P:BS	BRADLEY WC-025 G06 S263407P WC-025 G09 S263504N
Well/Facility:	ICHABOD 7 FED 1H Sec 7 T26S R34E 195FSL 330FEL	ICHABOD 7 FED 1H Sec 7 T26S R34E SESE 195FSL 330FEL ICHABOD 7 FEDERAL 4H Sec 7 T26S R34E SESE 108FSL 455FEL GREEN WAVE 20 FEDERAL 1H Sec 20 T26S R34E SWSW 330FSL 330FWL

**Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

**Ichabod 7 Fed 1H, Ichabod 7 Fed 4H and Green Wave 20 Fed 1H
3002540043, 3002540574, 3002540383
Leases: NM114990, NM114991**

**Devon Energy Production Co.
February 22, 2016
Condition of Approval**

Pool Commingling of lease production on the Ichabod 7 Fed 1H & 4H, (Delaware and Bone Springs), Commingling of gas from the Ichabod 7 Fed 1H & 4H with the Green Wave 20 Fed 1H. Off lease sales of gas for the Green Wave 20 Fed 1H at the Ichabod 7 Fed 1H & 4H battery.

1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
2. This agency shall be notified of any spill or discharge as required by NTL-3A.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
6. Gas measurement for allocation must be measured as per Onshore Order #5 for sales meters.
7. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per NTL-4A to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer.
8. This agency shall be notified of any change in sales method or location of sales point.
9. Additional wells and/or leases require additional commingling approvals.
10. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.

The approval of this commingling is as per Category I of IM NMPO-2013-02. These 3 wells are associated with 2 different leases and have the same royalty rate of 12.5%. By combining the production of these leases the royalty value will not be affected due to the contract the operator has with the purchaser, which states that they will deem all production as sweet and will pay on a standard 40 API gravity for all production. The BTU value of the production is all the same being Bone Spring and Delaware gas with a BTU from 1283.2 to 1101.2. Therefore the commingling of these leases will have no royalty value issues do to this oil and gas being sold has no value difference. Therefore the commingling of these wells will have no royalty rate or royalty value issues do to everything being the similar. This does not mean that the allocation of production to each well will be 100% accurate each month. By approving this request it will only guarantee that the public's interest will not be compromised.

ORIGIN ID:OKCA (405) 552-7970
ERIN WORKMAN
DEVON ENERGY PRODUCTION CO.,LP
333 WEST SHERIDAN AVE

SHIP DATE: 28APR16
ACTWTG: 1.00 LB
CAD: 103493122/NET3730

OKC, OK 73102
UNITED STATES US

BILL SENDER

TO RICHARD EZEANYIM
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DRIVE

540J1104272/F

SANTA FE NM 87505

(505) 746-3467
INV
PO

REF:

DEPT:



24

FRI - 29 APR 10:30A
PRIORITY OVERNIGHT

TRK# 7762 2371 9740
0201

XX SAFA

87505
NM-US ABQ

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*Jehabood 17 Fedel 1H
Mear Green 27 Fedel 1H*

Production Summary Report
API: 30-025-40043
ICHABOD 7 FEDERAL #001H
Printed On: Friday, May 20 2016

		Production		
Year	Pool	Month	Oil(BBLS)	Gas(MCF)
2015	[97892] WC-025 G-06 S263407P;UPR BONE SPRIN	Oct	195	2432
2015	[97892] WC-025 G-06 S263407P;UPR BONE SPRIN	Nov	277	1119
2015	[97892] WC-025 G-06 S263407P;UPR BONE SPRIN	Dec	412	1283
2016	[97892] WC-025 G-06 S263407P;UPR BONE SPRIN	Jan	479	504
2016	[97892] WC-025 G-06 S263407P;UPR BONE SPRIN	Feb	325	1607
2016	[97892] WC-025 G-06 S263407P;UPR BONE SPRIN	Mar	262	2046
CUM			40486	145725

Production Summary Report
API: 30-025-40574
ICHABOD 7 FEDERAL #004H
Printed On: Monday, May 23 2016

		Production		
Year	Pool	Month	Oil(BBLS)	Gas(MCF)
2015	[7310] BRADLEY;DELAWARE	Oct	11	17
2015	[7310] BRADLEY;DELAWARE	Nov	218	207
2015	[7310] BRADLEY;DELAWARE	Dec	202	772
2016	[7310] BRADLEY;DELAWARE	Jan	343	570
2016	[7310] BRADLEY;DELAWARE	Feb	271	2003
2016	[7310] BRADLEY;DELAWARE	Mar	212	1171
CUM			16120	61840

McMillan, Michael, EMNRD

From: Workman, Erin <Erin.Workman@dvn.com>
Sent: Monday, May 23, 2016 12:14 PM
To: McMillan, Michael, EMNRD
Subject: FW: Ichabod 7 Fed 1H Battery

Below is the breakdown of ownership per the landman.

Erin Workman

Regulatory Compliance Professional
Devon Energy Corporation
Devon Energy Center 18.520
333 W. Sheridan Avenue
OKC, OK 73102
405.552.7970 Direct

"Peace I leave with you; my peace I give you. I do not give to you as the world gives. Do not let your hearts be troubled and do not be afraid." John 14:27 (NIV)

From: Miller, Melissa
Sent: Monday, May 23, 2016 1:09 PM
To: Workman, Erin <Erin.Workman@dvn.com>
Subject: Ichabod 7 Fed 1H Battery

Below is a breakdown of WI ownership in the wells going to the Ichabod 7 Fed 1H battery:

Well Name	DVN WI	CVX WI
Ichabod 7 Fed 1H	50%	50%
Ichabod 7 Fed 4H	100%	*
Green Wave 20 Fed 1H	100%	**

*Chevron will have a 50% APO WI

** Chevron can convert ORRI to a 10% WI APO

These are all Fed 1/8th leases.

Thanks!

Melissa Miller

Landman, RPL
Devon Energy Corporation
333 W. Sheridan Avenue
Oklahoma City, OK 73102
Office: 405-228-8756