Form 3160-5 (February 2005) UNITED STATES OCD-ARTESIA

DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** FORM APPROVED

OMB No 1004-0137

Expires March 31, 2007

Lease	Seriai	MO	
			NM-10056

NM-10	0561

Do not use this		ORTS ON WELLS to drill or to re-enter a APD) for such proposa		6 If Indian, Allottee o	RECEIVED
SUBMI	T IN TRIPLICATE – Othe	r ınstructions on page 2		7 If Unit of CA/Agree	ement. Name ant AYN 24 2010
I Type of Well ☑ Oil Well ☐ Gas W	Vell Other			8 Well Name and No Strawbe	NMOCD ARTESIA
2 Name of Operator Devon Energy Production Co., LP				9 API Well No 30-015-3	31876 & 30-015-37171
3a. Address 20 North Broadway OKC, OK 73102		3b Phone No (include area of (405)-552-7802	ode)	10 Field and Pool or E Hackberry, E	Exploratory Area Bone Springs; North (97056)
4 Location of Well (Footage, Sec., T., Sec. 7-T19S-R31E See Below	R.,M. or Survey Description	n)		11 Country or Parish, Edd	State dy County, NM
12. CHEC	CK THE APPROPRIATE BO	OX(ES) TO INDICATE NATUI	RE OF NOTI	CE, REPORT OR OTHE	ER DATA
TYPE OF SUBMISSION		Т	YPE OF ACT	ΓΙΟΝ	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat		duction (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon		omplete nporarily Abandon	Other Central Tank Battery On Lease Storage/
Final Abandonment Notice	Convert to Injection	Plug Back	Wat	er Disposal	Measurement & Sales
13 Describe Proposed or Completed C the proposal is to deepen direction Attach the Bond under which the following completion of the involve testing has been completed. Final determined that the site is ready for	ally or recomplete horizonta work will be performed or proved operations. If the operat Abandonment Notices must	ally, give subsurface locations and rovide the Bond No on file with non results in a multiple complet	nd measured a BLM/BIA Ition or recomp	nd true vertical depths o Required subsequent rep pletion in a new interval,	of all pertinent markers and zones forts must be filed within 30 days , a Form 3160-4 must be filed once

Devon Energy Production Co. LLP respectfully requests approval for central tank battery, on lease storage/measurement and sale of hydrocarbon production from the following wells:

- Strawberry 7 Federal 1: API # 30-015-31876 Sec 7-T19S-R31E Lease NM-100561 Hackberry, Bone Spring, North (97056)
- * Strawberry 7 Federal 3: API # 30-015-37171 Sec 7-T19S-R31E Lease NM-100561 Hackberry; Bone Spring, North (97056)

A central tank battery will be located at the Strawberry 7 Federal Com 1. The Well Test Method will be used to allocate production back to the wells The Strawberry 7 Federal Com 1 gas hydrocarbons will be sold at a gas sales meter associated with a Frontier central delivery point (CDP) located east of the Hackberry 18 Federal 2 located at the NENW of Sec 18-T19S-R31E. Previous approval was granted to surface commingle the gas hydrocarbons for the Strawberry 7 Federal Com 1 & Hackberry 6 Fed 1 under CTB-610. The Strawberry 7 Federal 3 gas hydrocarbons will be sold at the gas sales meter associated with a DCP central delivery point (CDP) located 100' west of the Strawberry 7 Federal 1 pad located in the NWNW of Sec 7-T19S-R31E. Separator equipment and sales meter are on the same pad. No check meter is currently installed, unless one will be required. No other wells are tied to the DCP CDP; DCP to install meter DCP committed to low pressure line.

No ROW necessary, as line is within lease boundary; pending approval. ROW will or has already been obtained for the gas line

The working, royalty, and overriding interest in both wells are uniform in Lease NM-100561, no further notification is necessary. OFF ATTACKED FOR

	SEE ATTACHED FOR
14 I hereby certify that the foregoing is true and correct Name (Primed/Typed) Stephanie A. Ysasaga	CONDITIONS OF APPROVAL Title Sr. Staff Engineering Technician
Signature //	Date 04/29/2010
// THIS SPACE FOR FEDE	RAL OR STATE OFFICE USE
/s/ JD Whitlock Jr	Title LPET Date Sigles
Conditions of approval, if any, are attached. Approval of this notice does not warrant or of that the applicant holds legal or equitable title to those rights in the subject lease which we entitle the applicant to conduct operations thereon	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p	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

Submit 3 Copies To Appropriate District Office Office	State of New Mexico	Form C-103
* District I	Energy, Minerals and Natural Resources	May 27, 2004
1625 N French Dr. Hobbs, NM 88240	Energy Asserts of New 1	WELL API NO.
- District II	() Q# M VNIRSH#MJA / A NC	30-015-31876 & 30-015-37171
1301 W. Grand Ave., Arresta, NM 88210 District III	1220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	OIL CONSERVANT ON DIVISION OIL 1220 South St. Francis Dr. 1220 S	FED STATE FEE
District IV	1220 South St. F.	6. State Oil & Gaș Lease No.
1220 S St Francis Br. Santa Fe. NM 87505	Santa St. F.	
	Santa F. CES AND REPORTS ON WALLS	7. Lease Name or Unit Agreement Name
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2. Name of Operator	Ta; Well [] Other	9. OGRID Number
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3. Address of Operator Hersy p	roduction (Grand and Anna 7405) 552 7802	10. Pool name or Wildcat
20 North Broadway, Oklahoma Cit	y. Oktanomarzanu 2-8260 (405) 552-7802	See Below
4. Well Location (See-Below) - Cit	y, Oklahoma 72100	
Unit Letter	feet from the 102-8260 line and	feet from theline
Section ————————————————————————————————————	nshipro Range NMPM	Eddy County New Mexico
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DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO

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
7	THIS CHECKLIST IS N	IANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Appli	[DHC-Dow [PC-Po	
[1]	TYPE OF AI [A]	PPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD
	Check [B]	Cone Only for [B] or [C] 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 _Central Tank Battery: Refer to CTB 607 - Change CDP_
[2]	NOTIFICAT [A]	ION REQUIRED TO: - Check Those Which Apply, or ∑ Does Not Apply ☐ 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]		CURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE ATION INDICATED ABOVE.
	oval is <mark>accurate</mark> a	TION: I hereby certify that the information submitted with this application for administrative and complete to the best of my knowledge. I also understand that no action will be taken on this equired information and notifications are submitted to the Division.
	Note	: Statement must be completed/by an individual with managerial and/or supervisory capacity.
	anie A Ysasaga or Type Name	Sr Staff Engineering Technician 04/29/2010 Title Date
		Stephanie.Ysasaga@dvn.com e-mail Address

APPLICATION FOR CENTRAL TANK BATTERY SURFACE COMMINGLING, ON LEASE SALES & MEASUREMENT OF OIL & GAS HYDROCARBONS

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

Central tank battery for the Strawberry lease:

Devon Energy Production Company, LP is requesting approval for surface commingle, on lease storage and measurement of hydrocarbon production from the Hackberry; Bone Spring, North (97056) from the following wells:

Federal Lease NM-100561

Well Name	Location	API#	Pool 97056
Strawberry 7 Federal Com 1	NENW Sec 7-T19S-R31E	30-015-31876	Hackberry; Bone Spring, North
Strawberry 7 Federal Com 3	NWNW Sec 7-T19S-R31E	30-015-37171	Hackberry; Bone Spring, North

Well Name	BOPD	Oil Gravity	MCFPD	BTU	
Strawberry 7 Federal Com 1	25' ''	, 38.5° API	45	1364	
Strawberry 7 Federal Com 3*	n/a	n/a	n/a	n/a	

^{*} Well is currently in process of drilling and/or completion.

A map (Exhibit A) is enclosed showing the Federal leases and well locations in Section 7 of T19S R31E. The ownership in both wells in the Strawberry lease NM-100561 is identical; no further notification is required.

Oil & Gas metering:

Oil, gas and water volumes from each well producing to this battery will be determined by using a test separator/heater treater at the proposed facility so that one well is always producing through the testing equipment. Production will be allocated on a daily basis based on the most recent individual well test of oil, gas and water. Well tests for each well will be conducted at least once per month.

A central tank battery will be located at the Strawberry 7 Federal 1 location in the NENW of Section 7 in T19S, R31E on Federal Lease NM-100561 in Eddy County, New Mexico (Exhibit C). The oil and water hydrocarbon production from the Strawberry 7 Federal 1 and 3 will be commingled, measured and sold on lease; using the Well Test Method. The Well Test Method will be used to allocate production back to the wells.

The Strawberry 7 Federal 3 gas hydrocarbons will be sold at the gas sales meter associated with a DCP central delivery point (CDP) located 100' west of the Strawberry 7 Federal 1 pad located in the NWNW of Sec 7-T19S-R31E. Separator equipment and sales meter are on the same pad. No check meter is currently installed, unless one will be required. No other wells are tied to the DCP CDP; DCP to install meter.

The Strawberry 7 Federal Com 1 gas hydrocarbons will continue be sold at a gas sales meter associated with a Frontier central delivery point (CDP) located east of the Hackberry 18 Federal 2 located at the NENW of Sec 18-T19S-R31E. Previous approval was granted surface commingle the gas hydrocarbons for the Strawberry 7 Federal Com 1 & Hackberry 6 Fed 1 under CTB-610.

The BLM's interest in both wells are the same and the BTU's are equivalent. Waste is not induced and no correlative rights are impaired. 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:

Please see attached diagram for the current and proposed Strawberry 7 Federal Com 1 central tank battery. The flow of produced fluids is shown in detail on Exhibit D along with a description of each vessel.

The commingling of production is in the interest of conservation and waste and will result in the most effective, economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

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. Additionally, Devon Energy Production Co., LP will submit within 30 days, an application for right-of-way approval to the BLM and NMOCD section in your office, if we have not already done so.



February 2, 2010

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Surface Lease Commingling
Strawberry 7 Federal Com #1
Strawberry 7 Federal 3
Section 7-T19S-R31E
Eddy County, New Mexico

Gentlemen.

I have reviewed the files of Devon Energy Production Company, L.P. ("Devon") regarding the ownership of the referenced wells and the associated State of New Mexico oil and gas leases and find that the ownership of the working interest, royalty and overriding royalty interests are uniform with respect to Devon's request to surface commingle all production from the following pool, insofar as such pool covers the referenced wells:

Hackberry; Bone Springs North (97056)

If there are any questions or if additional information is required feel free to contact the undersigned at (405) 228-8589.

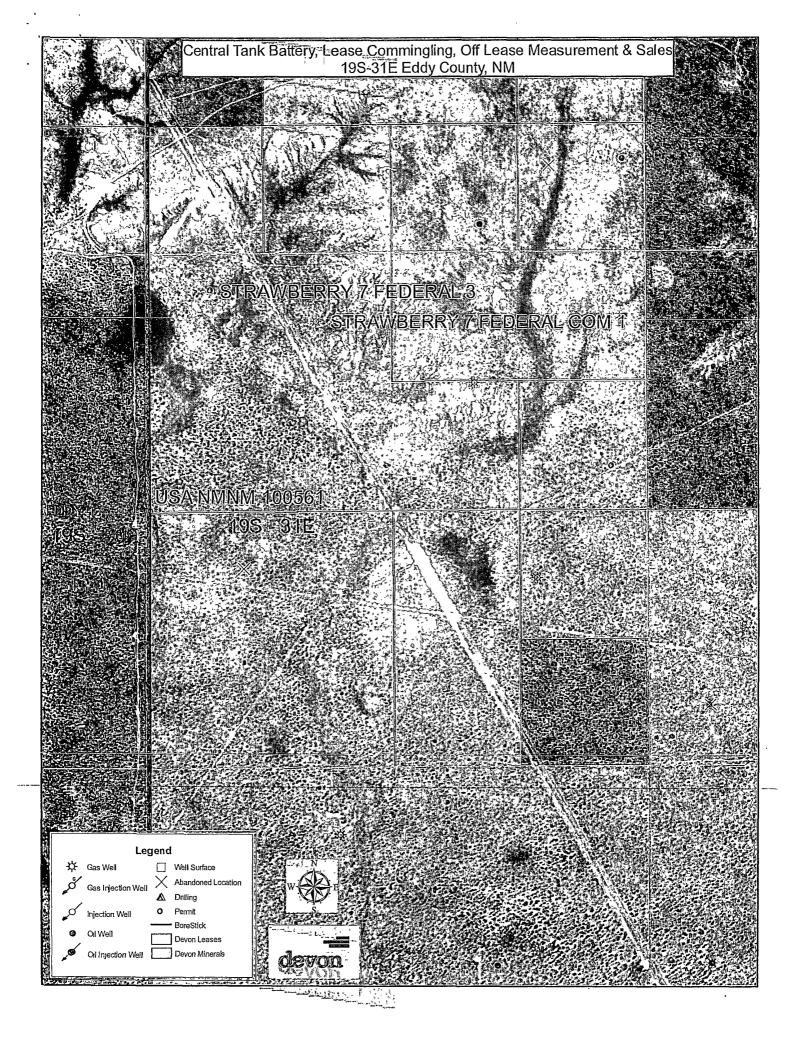
Yours very truly,

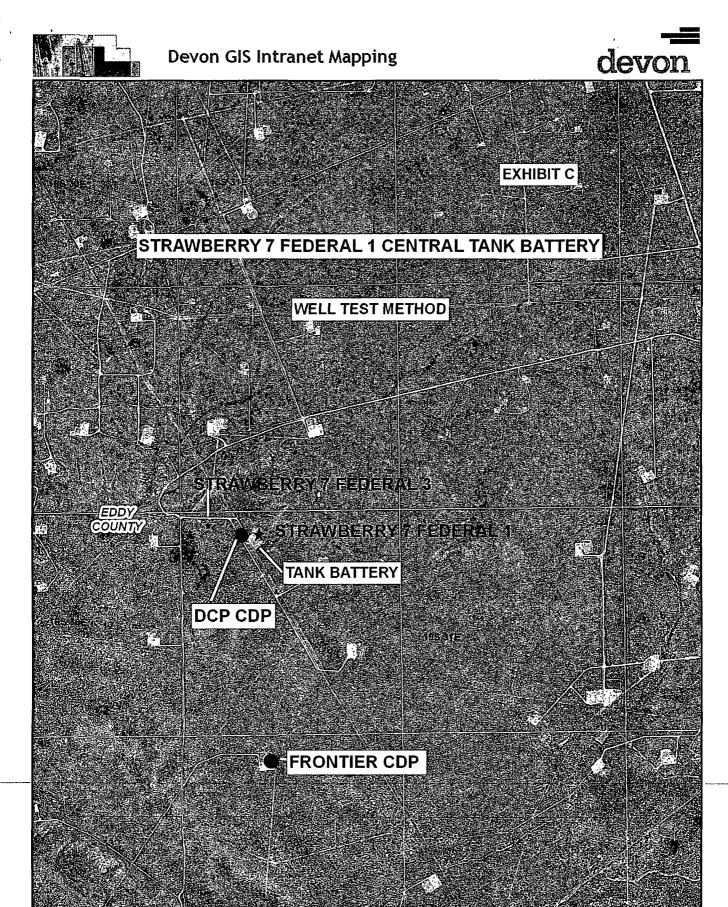
DEVON ENERGY PRODUCTION COMPANY, L.P.

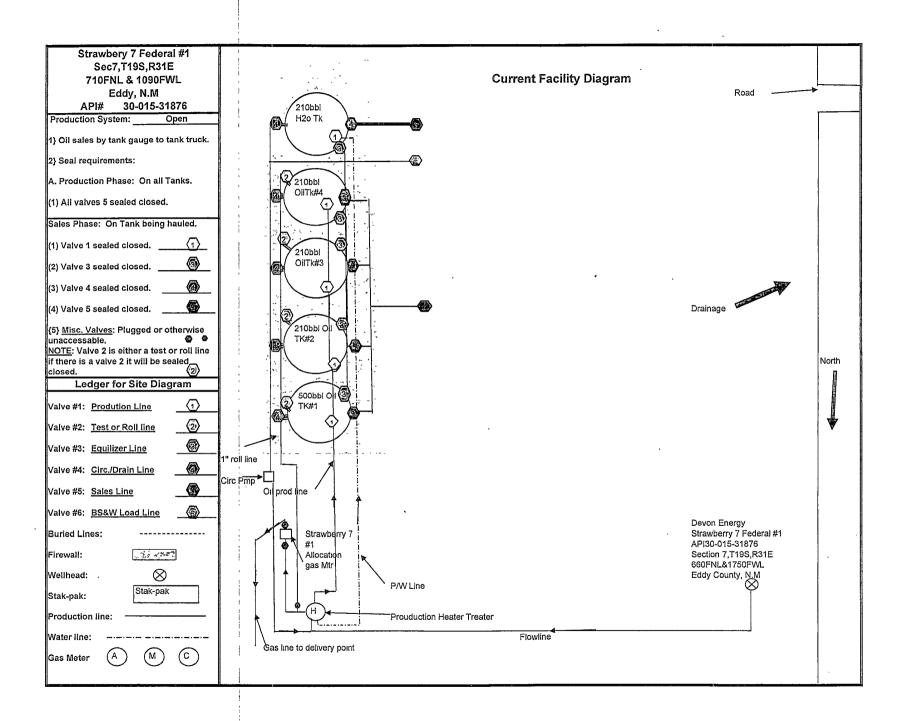
Brett Hudson

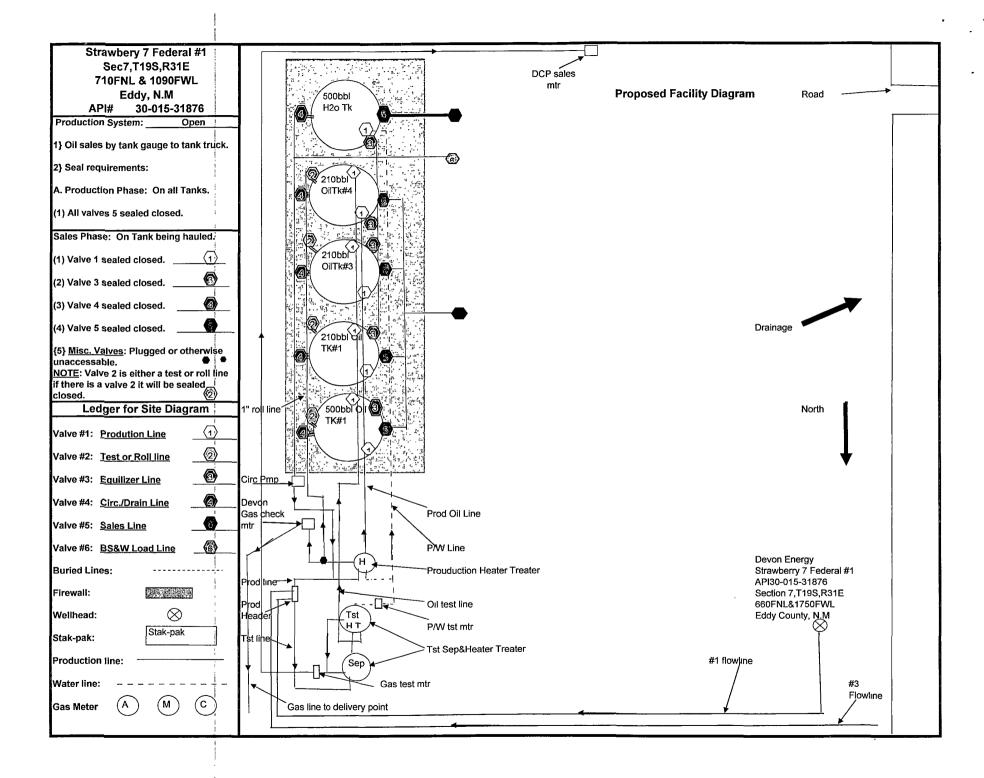
Landman

Enclosures:











Laboratory Services, Inc. 2609 West Marland

Hobbs, New Mexico 88240

Telephone: (575) 397-3713



FOR:

Devon Energy

P. O. Box 250

Artesia, New Mexico 88211-0250

SAMPLE:

Sta. #677-33-006

IDENTIFICATION Strawberry 7 Fed, Com. #1

COMPANY:

Devon Energy

LEASE: PLANT:

SAMPLE DATA: DATE SAMPLED: 8/21/09 12:00 pm ANALYSIS DATE:

8/24/09 PRESSURE - PSIG 71 SAMPLE TEMP. °F 97

ATMOS. TEMP. °F 113 GAS (XX)

LIQUID ()

SAMPLED BY: Paul B. ANALYSIS BY:

Vicki McDaniel

REMARKS:

COMPONENT ANALYSIS

		MOL	
COMPONENT		PERCENT	GPM ·
Hydrogen Sulfide	(H2S)	,	
Nitrogen	(N2)	2.837	•
Carbon Dioxide	(CO2)	0.055	•
Methane	(C1)	70.065	
Ethane	(C2)	13.206	, F00
Propane	(C3)		3.523
I-Butane		7.646	2.102
N-Butane	(IC4)	0.985	0.322
I-Pentane	(NC4)	2.650	0.834
	(IC5)	0.666	0.243
N-Pentane	(NC5)	0.687	0.248
Hexane Plus	(C6+)	1.203	0.522
		100.000	7.794
BTU/CU.FT DRY	1364		MOLECULAR MIT OF ROLL
AT 14,650 DRY	1359		MOLECULAR WT. 23,6017
AT 14.650 WET	1336		•
AT 14.73 DRY	1367		
AT 14.73 WET	1343		•
	,,,,,		•
SPECIFIC GRAVITY	Y		
CALCULATED	0.812		
MEASURED			<u>.</u> .

Actual Oil Production		
	Actual Gas Production	Actual Water Production
29	50	30
		28
		28
		23
		28
	1	30
		26
		27
		27
		29
		30
		24
		25
		26
)	30
		25
		26
	1	28
		26
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		30
	<u> </u>	27
		28
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	•	28
866	1591	848
22	64	26
28	45	27
0	0	0
0	. 0	0
0	0	0
0	6	0
22	60	30
0	53	53
	51	30
22	54	23
33	54	26
	53	27
		23
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		24
	[25
		27
	28 27 28 29 24 29 28 28 28 28 28 28 28 31 31 28 30 34 27 27 27 32 32 30 29 23 29 27 27 27 22 31 28 28 28 28 28 29 27 27 22 31 28 29 27 27 22 31 28 29 27 27 22 31 28 25 28 28 28 31 866	28 50 27 49 28 52 29 51 24 51 29 61 28 48 28 50 28 51 23 50 31 52 28 52 30 51 34 53 27 52 27 52 32 51 30 54 29 53 23 52 29 53 23 52 29 52 27 50 27 50 27 50 22 52 31 50 28 52 25 51 31 53 866 1591 22 64 28 45 0

	STRAWBERRY 7 FEDERAL COM 1				
Date	Actual Oil Production	Actual Gas Production	Actual Water Production		
11/19/2009	31	55	28		
11/20/2009	25	54	25		
11/21/2009	25	55	28		
11/22/2009	30	54	25		
11/23/2009	22	55	28		
11/24/2009	31	54	24		
11/25/2009	25	55	25		
11/26/2009	28	54	27		
11/27/2009	31	52	28		
11/28/2009	29	54	28		
11/29/2009	28	50	28		
11/30/2009	31	48	28		
	710	1407	712		
12/1/2009	0	5	0		
12/2/2009	0	6	0		
12/3/2009	0	0	0		
12/4/2009	0	0	0		
12/5/2009	17	27	38		
12/6/2009	11	51	53		
12/7/2009	33	56	28		
12/8/2009	0	49	0		
12/9/2009	33	35	34		
12/10/2009	15	43	28		
12/11/2009	26	48	28		
12/12/2009	28	49	28		
12/13/2009	32	50	26		
12/14/2009	29	49 ,	24		
12/15/2009	31	50	28		
12/16/2009	23	50	30		
12/17/2009	31	51	28		
12/18/2009	30	44	27		
12/19/2009	24	45	28		
12/20/2009	28	43	28		
12/21/2009	28	51	28		
12/22/2009	20	49	28		
12/23/2009	20	49	24		
12/24/2009	33	48	24		
12/25/2009	31	50	27		
12/26/2009	29	49	24		
12/27/2009	31	51	28		
12/28/2009	31	50	28		
12/29/2009	25	50	29		
12/30/2009	31	52	28		
12/31/2009	25	49	0		
1210 112000	697	1303	724		

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"Ysasaga, Stephanie" <Stephanie.Ysasaga@dvn.co m>

05/18/2010 10:06 AM

cc bcc

Subject CTB-610: Alternate CDP Utilization

To <Duncan_Whitlock@blm.gov>

Duncan,

Per our telephone conversation:

Devon Energy Production Co. LLP respectfully advises that an alternate CDP may be used in conjuction with CTB-610 for the following wells:

- * Strawberry 7 Federal 1: API # 30-015-31876 Sec 7-T19S-R31E Lease NM-100561 Hackberry; Bone Spring, North (97056)
- * Strawberry 7 Federal 3: API # 30-015-37171 Sec 7-T19S-R31E Lease NM-100561 Hackberry; Bone Spring, North (97056)

Under normal operations, the Strawberry 7 Federal 1 gas hydrocarbons will be sold at a gas sales meter associated with a Frontier central delivery point. If the Frontier gas plant goes down, the DCP central delivery point will be utilized.

Under normal operations, the Strawberry 7 Federal 3 gas hydrocarbons will be sold at a gas sales meter associated with a DCP central delivery point. If the DCP gas plant goes down, the Frontier central delivery point will be utilized.

(See GIS plat for CDP locations)

Stephanie A. Ysasaga

Sr. Staff Engineering Technician (405)-552-7802 Phone (405)-721-7689 Cell (405)-552-8113 Fax Corporate Tower 03.056 Stephanie.Ysasaga@dvn.com

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Strawberry 7-1&3 and Hackberry 6-1

Devon Energy Production Co., LP

May 18, 2010

Condition of Approval Commingle on and off lease

- 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. All above ground structures on the lease shall be painted Shale Green (5Y 4/2), or as per approved APD stipulations. This is to be done within 90 days, if you have not already done so.
- 7. Gas measurement for allocation must be measured as per Onshore Order #5 for sales meters.
- 8. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to MMS as required. All gas which is vented, flared or used on lease shall be reported as per NTL-4A to MMS. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer.
- 9. This agency shall be notified of any change in sales method or location of sales point.
- 10. Additional wells and/or leases require additional commingling approvals.
- 11. If any additional wells are added to this CDP, a gas meter will have to be installed on the Hackberry 6 Federal # 1, after commingling approval has been submitted for additional wells.