3. (* 1		DH-CO	BBS			
	UNITED STATE	INTERIOR	recei		) OM	RM APPROVED IB No. 1004-0137 res: March 31, 2007
BUR	EAU OF LAND MAN	AGEMENT	MAR 0 3	2011	N	M-98189
SUNDRY N Do not use this f abandoned well.	EAU OF LAND MAN OTICES AND REPO form for proposals Use Form 3160-3 (A	DRISON WI to drill or to \PD) for suc	re-mertah) h proposals.	an	6. If Indian, Allottee or	Tribe Name
	T IN TRIPLICATE – Other				7. If Unit of CA/Agreer	nent, Name and/or No.
1. Type of Well Gas W	Vell 🗌 Other				8. Well Name and No.	See Below
2. Name of Operator Devon Energy Production Co., LP					9. API Well No.	See Below
3a. Address 20 North Broadway OKC, OK 73102		3b. Phone No. ( (405)- 552-452	íinclude area code, 24	)	10. Field and Pool or E 41450 – L	xploratory Area usk; Bone Spring, North
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description		· · · · · · · · · · · · · · · · · · ·		11. Country or Parish, S	State County, NM
See Below						
	CK THE APPROPRIATE B	OX(ES) TO INDI		E OF ACT		
TYPE OF SUBMISSION	Acidize	Deepe			iction (Start/Resume)	Water Shut-Off
✓ Notice of Intent	Alter Casing		re Treat	_	mation	Well Integrity
Subsequent Report	Casing Repair		Construction	=	mplete	Other CTB, Off-Lease Gas Measurement & Sales
Final Abandonment Notice	Change Plans		nd Abandon Back		porarily Abandon er Disposal	
Nana 30 Federal 2H A	or final inspection.) Prespectfully requests app PI: 30-025-39365 PI: 30-025-39579 PI: 30-025-39580 ted at the Nana 30 Federa non DCP Gas Sales Mete	oroval for Off-Le Sec 30-T18S- Sec 30-T18S- Sec 30-T18S al 3 location. Th r # 726113-00 w	ase Gas Measur R32E R32E R32E R32E e Well Test Meth ill be used for the	ement & S nod will be e wells an	Sales for the following e used to allocate proc d is located approxim	wells: luction back to the wells (see ately 1 mile south of the Nana
induced and no correlative rights a						
ROW will or has already been obta The working interest, royalty intere		atorost ownors in	the lease are u	niformed:	no additional potificat	ion is required
The working interest, royalty intere	st and overriding royalty li	nterest owners in	1 the lease are u	mormea,	no additional notificat	ion is required.
					SEE ATTA	CHED FOR
14. I hereby certify that the foregoing is Name ( <i>Printed/Typed</i> ) Melanie Crawford	true and correct.		Title Regulator	y Analyst		NS OF APPROVAL
Signature Mlan	e Crawle	ord	Date CC	inu	ary 17,	5011
	THIS SPACE	FOR FEDE	RAL OR STA	TE OF	FICE USE	
Approved by /s/ JD \	Nhitlock Jr		Title L	NE7	-	Date 2/27/11
Conditions of approval, if any, are attachthat the applicant holds legal or equitable entitle the applicant to conduct operation	title to those rights in the sub	es not warrant or c ject lease which we	ertify ould Office	(Fi		MAR U 4 2011
Title 18 U.S.C. Section 1001 and Title 4 fictitious or fraudulent statements or rep	3 U.S.C. Section 1212, make i	t a crime for any po within its jurisdiction	erson knowingly and	d willfully	to make to any department	for agency of the United States any false,
(Instructions on page 2)					PET	POLIEUM ENGLAVEER
		····· ,				

# APPLICATION FOR CTB, OFF-LEASE GAS MEASUREMENT AND SALES APPROVAL

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

## CTB, Off-Lease Gas Measurement & Sales proposal for Nana:

Devon Energy Production Company, LP is requesting approval for CTB, Off-Lease Gas Measurement & Sales from the Lusk; Bone Springs, North (41450) from the following wells:

### Federal Lease NM-98189

Well Name	Location	API #	Pool 41450	MCFPD	BTU		
Nana 30 Federal 1H	Sec 30-T18S-R32E	30-015-39365	Lusk; Bone Spring, North	139.53	1320		
Nana 30 Federal 2H	Sec 30-T18S-R32E	30-015-39579	Lusk; Bone Spring, North	682.61	1320		
Nana 30 Federal 3	Sec 30-T18S-R32E	30-015-39580	Lusk; Bone Spring, North	85.86	1320		
* The BTU's for the Nana wells is an Average Composite Sample							

A map is enclosed showing the Federal leases and well locations in Section 30-T18S-R32E. The ownership in the Nana leases is uniformed; no additional notification is required.

#### Gas metering:

The gas hydrocarbon production from the Nana wells will be the only hydrocarbon being commingled, measured and sold off-lease. A common DCP Gas Sales Meter # 726113-00 is located approximately 1 mile south of the Nana wells in Section 31-T18S-R32E. The Nana wells will have no check meters, but will be allocated by the Well Test Method. There will be a Central Tank Battery that will be utilized and it is located at the Nana 30 Federal 3 location in Section 30-T18S-R32E on Federal Lease NM-98189 in Lea County, New Mexico.

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.

The BLM's interest in all three wells is the same. 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 proposed Nana 30 Federal 3 Central Tank Battery. The flow of produced fluids is shown in detail, 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.

Signed: <u>Milane</u> ( Printed Name: Melanie Crawford Title: Regulatory Analyst Date: 1-17-2011



Devon Energy Corporation 20 North Broadway Oklahoma City, OK 73102-8260 Jim Ball, Land Advisor Jim.Ball@dvn.com 405-552-3384 FAX 405-552-8113

December 7, 2010

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

RE: Nana 30 Fed 1H Nana 30 Fed 2H Nana 30 Fed 3 Section 30-18S-32E Lea County, New Mexico

Gentlemen:

I have reviewed the files of Devon Energy Production Company, L. P. regarding the ownership of the referenced wells and the associated oil and gas lease and find that the ownership of the working interest, royalty and overriding royalty interest are uniform with respect to Devon's application for Off-Lease Gas Measurement & Sales pertaining to the following wells:

Nana 30 Fed 1H, API #30-025-39365, State of New Mexico Lease NM 98189 Nana 30 Fed 2H, API #30-025-39579, State of New Mexico Lease NM 98189 Nana 30 Fed 3, API #30-025-39580, State of New Mexico Lease NM 98189

If there are any questions, or if additional information is required, please contact me.

Very truly yours,

DEVON ENERGY PRODUCTION COMPANY, L.P.

an Jim Ball

Land Advisor





Scale: 1:15,000 Date Printed:Dec 20, 2010 3:50:19 PM



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#1 viell

o #2 well

# Monthly Meter Analysis

December, 2010

726113-00 Nana 30 Fed #3

Component	Mole %	GPMs	Mass %
Carbon Dioxide, CO2	0.8780		1.7004
Nitrogen, N2	2.0760		2.5592
Methane, C1	74.6027		52.6658
Ethane, C2	10.8381	2.9097	14.3408
Propane, C3	5.9621	1.6489	11.5689
iso-Butane, iC4	0.7890	0.2592	2.0180
n-Butane, nC4	2.2310	0.7061	5.7062
iso-Pentane, iC5	0.6460	0.2372	2.0510
n-Pentane, nC5	0.7610	0.2769	2.4161
Hexanes Plus, C6+	1.2110	0.5305	4.9661
Water, H2O	0.0000		0.0000
Hydrogen Sulfide, H2S	0.0050		0.0075
Oxygen, O2	0.0000		0.0000
Carbon Monoxide, CO	0.0000		0.0000
Hydrogen, H2	0.0000		0.0000
Helium, He	0.0000		0.0000
Argon, Ar	0.0000		0.0000

Property	Total Sample	C6 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure		
Cricondentherm		
HV, Dry @ Base P, T	1320.62	
HV, Sat @ Base P, T	1297.51	
HV, Sat @ Sample P, T		
Relative Density	0.7875	
Fws Factor		
Free Water GPM		
Stock Tank Condensate Brls/mm		
26 # RVP Gasoline	1.591	
Testcar Permian	1.212	
Testcar Panhandle	1.046	
Testcar Midcon	0.876	

Totals

99.9999

100.0000

6.5685

Sampl	e	
Date:	11/15/2010	Pressure:
Type:	Spot	Temperature:

\*\*\* End of Report \*\*\*

Powered By FLOWCALENERPRE

OFF LEASE PRODUCTION - LEA COUNTY						
	08/01/10	09/01/10	10/01/10	11/01/10	12/01/10	01/01/11
Well Name	Sum Est Gas					
Nana 30 Federal 1H	3,289.19	6,345.98	6,578.95	6,100.45	4,445.17	1,268.59
Nana 30 Federal 2H	0.	0.	0.	0.	10,280.17	6,212.74
Nana 30 Federal 3	3,105.82	3,238.29	2,979.6	2,488.6	2,469.86	780.66

devon

Devon Energy Production Company 20 North Broadway – CT 3.058 Oklahoma City, Oklahoma 73102-8260 Phone: (405)-552-4524 Fax (405)-552-1358 Melanie.Crawford@dvn.com

January 17, 2011

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

Re: CTB, Off Lease Gas Measurement and Sales Approval Nana 30 Federal 1H, Nana 30 Federal 2H, Nana 30 Federal 3 API # 30-015-39365, 30-015-39579 & 30-015-39580 Sec 30-T18S-R32E Lease NMNM-98189 Lusk; Bone Spring, North - Pool Code: 41450 Lea County, New Mexico

Dear Mr. Ezeanyim:

Please find attached the OCD Form C-103 and BLM Form 3160-5 Sundry Notice of Intent for Off-Lease Gas Measurement & Sales. The working interest, royalty interest and overriding royalty interest owners in both leases are uniform; no further notification is required.

BLM sundry approval and BLM conditions of approval attached.

Should you require any additional information or assistance, please do not hesitate to contact me at (405)-552-4524.

Very truly yours,

**DEVON ENERGY PRODUCTION COMPANY, L.P.** 

Melanie Crawford Regulatory Analyst

Enclosures