

DATE IN 9/14/11	SUSPENSE	ENGINEER RE	LOGGED IN 9/14/11	TYPE PLC	APP NO. 1175752196
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



Devon

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.

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

Melanie Crawford
 Print or Type Name

Signature

Melanie Crawford

Regulatory Analyst
 Title

Date

7/7/11

Melanie.Crawford@dvN.com
 e-mail Address

RECEIVED OGD
 2011 SEP 14 P 1:11



Devon Energy Production Company
20 North Broadway - CT 3.056
Oklahoma City, Oklahoma 73102-8260
Phone: (405)-552-4524
Fax (405)-552-1358
Melanie.Crawford@devon.com

July 7, 2011

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

**Re: Pool/Lease Commingle, Off Lease Gas Measurement & Sales
Angell 6 Federal 1, Angell Ranch 6 Federal 2, Angell Ranch 6 Federal 3 & Indian Hill 6
Federal 1
API # 30-015-29380, 30-015-34546, 30-015-34534, & 30-015-35731
Sec 6-T20S-R28E
Lease NMNM-96212 & Lease NMNM-96211
Wildcat Fadeway Cisco Canyon (O) - 96752
Angel Ranch; Atoka - Morrow (gas) - 70310
Angel Ranch; Morrow (gas) - 70320
Eddy County, New Mexico**

RECEIVED OGD
2011 SEP 14 P 1:11

Dear Mr. Ezeanyim:

Please find attached the OCD Form C-107B, OCD Form C-103 and BLM Form 3160-5 Sundry Notice of Intent to Lease Commingle the aforementioned wells. The working interest, royalty interest and overriding royalty interest owners in both leases are not uniform; parties have been notified via certified mail.

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

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, 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 and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. See Below
5. Indicate Type of Lease FED <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. See Below
7. Lease Name or Unit Agreement Name See Below
8. Well Number See Below
9. OGRID Number 6137
10. Pool name or Wildcat See Below

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator
Devon Energy Production Company, LP

3. Address of Operator
20 North Broadway Oklahoma City, Oklahoma 73102-8260 (405) 552-4524

4. Well Location (See Below)
Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line
Section _____ Township _____ Range _____ NMPM Eddy County New Mexico

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: Pool/Lease Commingle, Off Lease Gas Measurement & Sales ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Devon Energy Production Co., LLP respectfully requests permission for the Pool/Lease Commingle, Off-Lease Gas Measurement & Sales for the following wells:

Angell 6 Federal 1 API: 30-015-29380 L/Sec 6-T20S-R28E Pool: 96752 - Wildcat Fadeway Cisco Canyon (o) 96752 NM96212 (425.5)
Angell Ranch 6 Federal 2 API: 30-015-34546 2/Sec 6-T20S-R28E Pools 70320 - Angel Ranch; Morrow (gas) 70320 NM96212 (331.3)
Angell Ranch 6 Federal 3 API: 30-015-34534 P/Sec 6-T20S-R28E Pool: 70310 - Angel Ranch; Atoka-Morrow (gas) NM96211 (319.4)
Indian Hill 6 Federal 1 API: 30-015-35731 m/Sec 6-T20S-R28E Pool: 70310 - Angel Ranch; Atoka-Morrow (gas) NM96212 (331.3)

Please see attached Summary for description of production.

PLC-348

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Melanie Crawford TITLE Regulatory Analyst DATE 7/7/11

Type or print name Melanie Crawford E-mail address: Melanie.Crawford@dvn.com Telephone No. (405) 552-4524
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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: 20 North Broadway, Ste 1500

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 Fadeway; Cisco Canyon - 96752	44/1116				
Angel Ranch; Atoka-Morrow - 70310	54/1069				
Angel Ranch; Atoka-Morrow - 70310	53/1102				
Angel Ranch; Morrow -70320	54/1126				

(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 ☐ Other (Specify)

(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 - Well Test

(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: Melanie Crawford

TITLE: Regulatory Analyst

DATE: 7/7/11

TYPE OR PRINT NAME: Melanie Crawford

TELEPHONE NO: 405-552-4524

E-MAIL ADDRESS: Melanie.crawford@dmr.com



Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8260

405 552-4524 Phone
www.devonenergy.com

September 13, 2011

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Interest Owners

Re: Request for Pool/Lease Commingle, Off Lease Gas Measurement & Sales
Angell 6 Federal 1, Angell Ranch 6 Federal 2, Angell Ranch 6 Federal 3 & Indian Hill
6 Federal 1
Sec 6 T20S-R28E
API # 30-015-29380, 30-015-34546, 30-015-34534, & 30-015-35731
Pool 96752 Wildcat Fadeway Cisco Canyon (O)
Pool 70310 Angel Ranch; Atoka - Morrow (gas)
Pool 70320 Angel Ranch; Morrow (gas)
Eddy 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 Pool/Lease Commingle, Off Lease Gas Measurement & Sales for the above wells.

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) 552-4524 should you have any questions or need anything further.

Sincerely,

Devon Energy Production Company, L.P.

A handwritten signature in black ink that reads "Melanie Crawford". The signature is written in a cursive style with a large, looping "C" for the last name.

Melanie Crawford
Regulatory Analyst

Enclosure

Mewbourne Oil Company, Allen Brinson
PO Box 7698
3903 S Broadway
Tyler, TX 75711-7698

Certified Mailing
Number: 7010 1060
0000 0917 5780

Robin Oil & Gas Corporation
PO Box 720420
Oklahoma City, OK 73172

Certified Mailing
Number: 7010 1060
0000 0917 5773

Minerals Management Service
Royalty Management Program
PO Box 5810
Denver, CO 80217

Certified Mailing
Number: 7010 1060
0000 0917 5766

Butkin Investment Company LLC
PO Box 2090
Duncan, OK 73534

Certified Mailing
Number: 7010 1060
0000 0917 5759

Todd M Kringen and Karla R Kringen
8540 E McDowell Rd #59
Mesa, AZ 85207-1431

Certified Mailing
Number: 7010 1060
0000 0917 5742

Jareed Partners Ltd
A Texas Limited Partnership
PO Box 51451
Midland, TX 79710-1451

Certified Mailing
Number: 7010 1060
0000 0917 5735

Robro Royalty Partners Ltd
DBA RRP 2010 Ltd
PO Box 671099
Dallas, TX 75367-1099

Certified Mailing
Number: 7010 1060
0000 0917 5728

Vendetta Royalty Partners Ltd, Vendetta
Royalty Mgmt LLC, General Partner
Robert A Helms, Mng'r
PO Box 141638
Austin, TX 78714-1638

Certified Mailing
Number: 7010 1060
0000 0917 5711

Penwell Employee Royalty Pool
200 N Loraine Suite 1550
Midland, TX 79701

Certified Mailing
Number: 7010 1060
0000 0917 5704

John Lawrence Thoma
PO Box 17656
Golden, CO 80402

Certified Mailing
Number: 7010 1060
0000 0917 5698

Sandra Mary Thoma
789 W Hellsgate Dr.
Strawn, TX 76475

Certified Mailing
Number: 7010 1060
0000 0917 5681

C Mark Wheeler
24 Smith Road, Ste 405
Midland, TX 79705

Certified Mailing
Number: 7009 3410
0000 3533 9742

Paul R Barwis
% Dutton Harris & Co
PO Box 230
Midland, TX 79702

Certified Mailing
Number: 7010 1060
0000 0917 5674

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

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.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM96212
2. Name of Operator DEVON ENERGY COMPANY LP		6. If Indian, Allottee or Tribe Name
3a. Address 20 NORTH BROADWAY OKLAHOMA CITY, OK 73102		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 405-552-4524		8. Well Name and No. INDIAN HILL 6 FEDERAL 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T20S R28E		9. API Well No. 30-015-35731
		10. Field and Pool, or Exploratory ANGEL RANCH; ATOKA-MORROW
		11. County or Parish, and State EDDY COUNTY 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	
	<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 recompletable 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 recompletable 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 Co, LP respectfully requests permission for the Pool/Lease Commingle, Off Lease Gas Measurement & Sales for the following wells:

Indian Hill 6 Federal 1 API: 30-015-35731 Sec 6-T20S-R28E NM96212
Pool: 70310 - Angel Ranch; Atoka-Morrow (gas)


Angell 6 Federal 1 API: 30-015-29380 Sec 6-T20S-R28E NM96212
Pool: 96752 - Wildcat Fadeway, Cisco Canyon (O)

Angell Ranch 6 Federal 2 API: 30-015-34546 Sec 6-T20S-R28E NM96212
Pool: 70320 - Angel Ranch; Morrow (Gas)

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. Thereby certify that the foregoing is true and correct. Electronic Submission #112549 verified by the BLM Well Information System For DEVON ENERGY COMPANY LP, sent to the Carlsbad	
Name (Printed/Typed) MELANIE A CRAWFORD	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 07/08/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title LPE7	Date 9/5/11
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 CFO

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #112549 that would not fit on the form

32. Additional remarks, continued

Angell Ranch 6 Federal 3 API: 30-015-34534 Sec 6-T20S-R28E NM96211
Pool: 70310 - Angel Ranch; Atoka-Morrow (gas)

Please see attached summary for description of production:

APPLICATION FOR POOL/LEASE COMMINGLING & OFF-LEASE MEASUREMENT AND SALES

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

Pool/Lease commingling proposal for Angell & Indian Hill:

Devon Energy Production Company, LP is requesting approval for the Pool/Lease Commingle, Off Lease Gas Measurement & Sales for the following wells:

Federal Lease NMNM96212:

Well Name	Location	API #	Pool-96752	BOPD	Oil Gravity	MCFPD	BTU
Angell 6	6-T20S-R28E	30-015-29380	Wildcat Fadeway	30	44	10	1116
Federal 1			Cisco Canyon (o)				

Federal Lease NMNM96212:

Well Name	Location	API #	Pool ⁷⁰³¹⁰ 70320	BOPD	Oil Gravity	MCFPD	BTU
Angell Ranch	6-T20S-R28E	30-015-34546	Angel Ranch;	0	54	100	1069
6 Federal 2			Atoka - Morrow (gas)				

Federal Lease NMNM96212:

Well Name	Location	API #	Pool 70310	BOPD	Oil Gravity	MCFPD	BTU
Angell Ranch	6-T20S-R28E	30-015-34534	Angel Ranch;	0	53	171	1102
6 Federal 3			Atoka - Morrow (gas)				

Federal Lease NMNM96212:

Well Name	Location	API #	Pool 70310	BOPD	Oil Gravity	MCFPD	BTU
Indian Hill	6-T20S-R28E	30-015-35731	Angel Ranch;	16	54	239	1126
6 Federal 1			Atoka - Morrow (gas)				

A map is enclosed showing the Federal leases and well locations in Section 6 of T20S R28E. The working, royalty, and overriding interest owners are not uniformed; parties have been notified via certified mail (see attached).

Oil & Gas:

The Angell 6 Federal 1 will have its own tank battery on location and will be the only well utilizing the tank battery at this time. The gas production will flow 1st to a 2-Phase Separator, then to the Allocation Meter #88512027 before flowing to the DCP CDP Sales Meter 724938-00.

The Angell Ranch 6 Federal 2 will have its own tank battery on location and will be the only well utilizing the tank battery at this time. The gas production will flow 1st to a Stak-pak, then to the Allocation Meter #88512076 before flowing to the DCP CDP Sales Meter 724938-00.

The Angell Ranch 6 Federal 3 will have its own tank battery on location and will be the only well utilizing the tank battery at this time. The gas production will flow 1st to a Stak-pak, then to the Allocation Meter #88512074 before flowing to the DCP CDP Sales Meter 724938-00.

The Indian Hill 6 Federal 1 will have its own tank battery on location and will be the only well utilizing the tank battery at this time. The gas production will flow 1st to a Stak-pak, then to the Allocation Meter #88533098 before flowing to the DCP CDP Sales Meter 724938-00.

The Angell 6 Federal 1, Angell Ranch 6 Federal 2, Angell Ranch 6 Federal 3 and Indian Hill 6 Federal 1 wells are the only wells utilizing the DCP CDP Gas Sales Meter 724938-00 (*Latitude 32, 36, 17.81496 and Longitude -104, 12, 26.55972*) which is located in Section 5, T20S, R28E, in Eddy County, NM.

The BLM's interest in all four wells is the same. 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 diagrams for the tank batteries that are being utilized. 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.

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: Melanie Crawford
Printed Name: Melanie Crawford
Title: Regulatory Analyst
Date: 7/7/10

36

S 27E

19S 28E

32

NM-96212

NM-96211

Angell Ranch 6 Fed #2

6

Angell 6 Fed 1

S 27E

20S 28E

5

Indian Hill 6 Fed #1

Angell Ranch 6 Fed #3

12

7

8

036 T 019 S
R 027 E

031 NMNM 004986

T 019 S
R 028 E

032

NMNM 025869

Angell 6 Fed 2

001 NMNM 004986

NMNM 096212

006

NMNM 096211

NMNM 083581 005

T 020 S
R 027 E

T 020 S
R 028 E

Angell 6 Fed 1

Angell Ranch 6 Fed 3

Indian Hill 6 Fed 1

NMNM 0455265
012

NMNM 083583

007

NMNM 083584 008

19S
27E
36

PACHECO PACHECO
FEDERAL #1 FEDERAL #1
PACHECO PACHECO
FEDERAL #1 FEDERAL #1

19S 28E

32

PACHECO 31
FEDERAL
COM #8

31

ANGEL
RANCH 6
FEDERAL #1

BURTON
FLAT 5
FEDERAL #5

ANGELL
RANCH 6
FED #2

DCP CDP Gas Sales Meter
724938-000

104°12'26.56"W, 32°36'17.815"N

WRIGHT WRIGHT
FEDERAL #2 FEDERAL #2

104°12'26.56"W, 32°36'17.815"N

ANGELL 6
FEDERAL #5

6

EDDY
COUNTY

ANGELL 6
FEDERAL #1

5

BURTON
FLAT 5
FEDERAL #3

20S 28E

INDIAN HILL 6
FEDERAL #1

WRIGHT WRIGHT
FEDERAL #1 FEDERAL #1

ANGELL
RANCH 6
FED #3

BURTON
FLAT 5
FEDERAL #2

BURTON
FLAT 7
FEDERAL #2

BURTON
FLAT 7
FEDERAL #4

FEDERAL
COM #4

ANGEL
RANCH

019 S
027 E
036

NMNM 004986

031

T 019 S
R 028 E

032

NMNM 025869

Angell 6 Fed 2

NMNM 096212

NMNM 096211

DCP CDP
724938-00

Gas flow line

NMNM 083581
005

Angell 6 Fed 1

T 020 S
R 028 E

Indian Hill 6 Fed 1

Angell Ranch 6 Fed 3

NMNM 083583

007

008

NMNM 083584



Angel 6 Federal 1
API: 30-015-29380
6-20S-28E

Production System: Closed

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 inaccessible.

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

Legend for Site Diagram

Valve #1: Production Line

Valve #2: Test or Roll line

Valve #3: Circ./Drain Line

Valve #4: Equalizer Line

Valve #5: Sles Line

Valve #6: BS&W Load Line

Buried Lines:

Firewall:

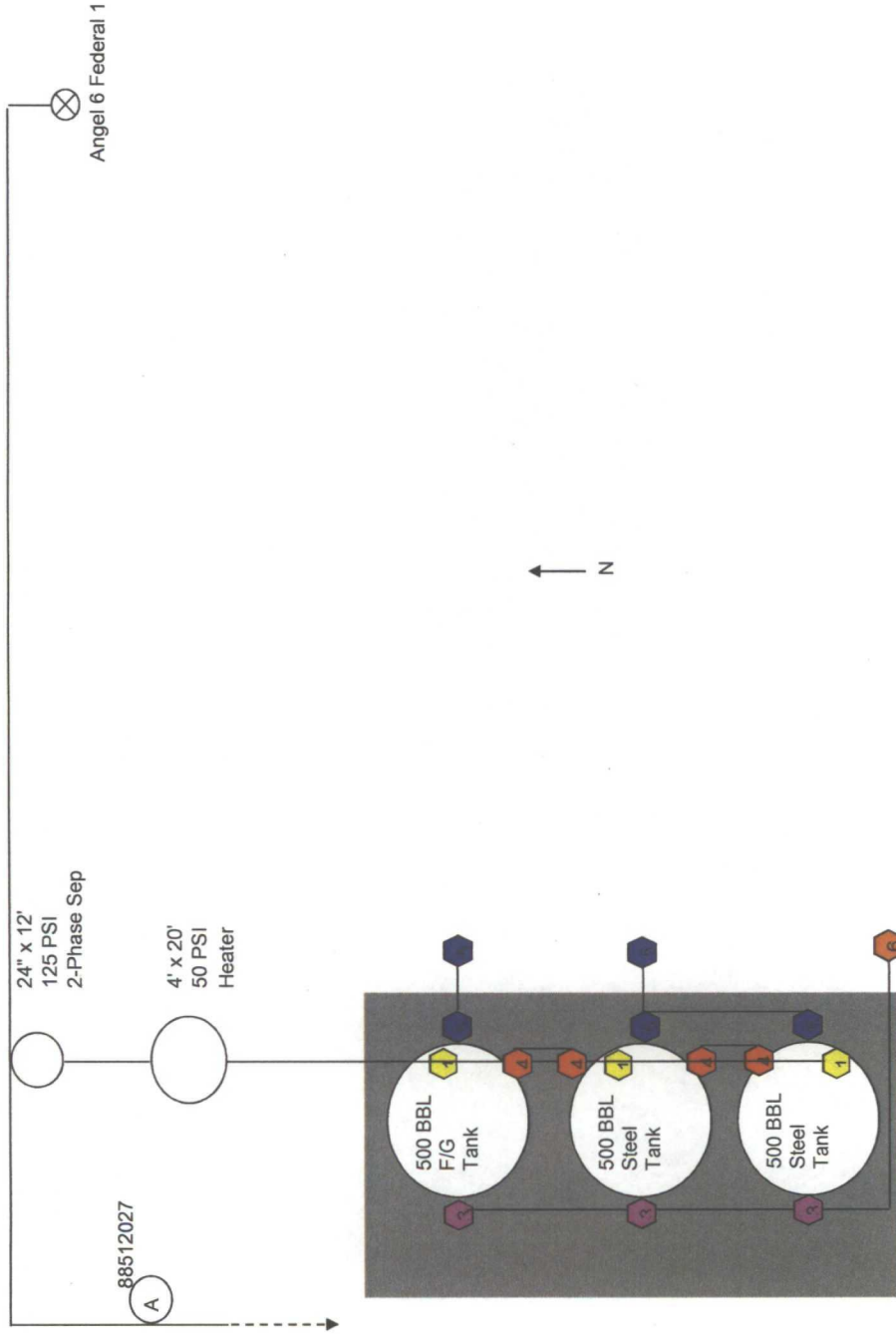
Wellhead:

Stak-pak:

Production line:

Water line:

Gas Meter



Indian Hill 6 Federal 1
API: 30-015-35731
6-20S-28E

Production System: Closed

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 inaccessible.  

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

Legend for Site Diagram

Valve #1: Production Line 

Valve #2: Test or Roll line 

Valve #3: Circ./Drain Line 

Valve #4: Equalizer Line 


Valve #5: Sies Line 

Valve #6: BS&W Load Line 

Buried Lines: -----

Firewall: 

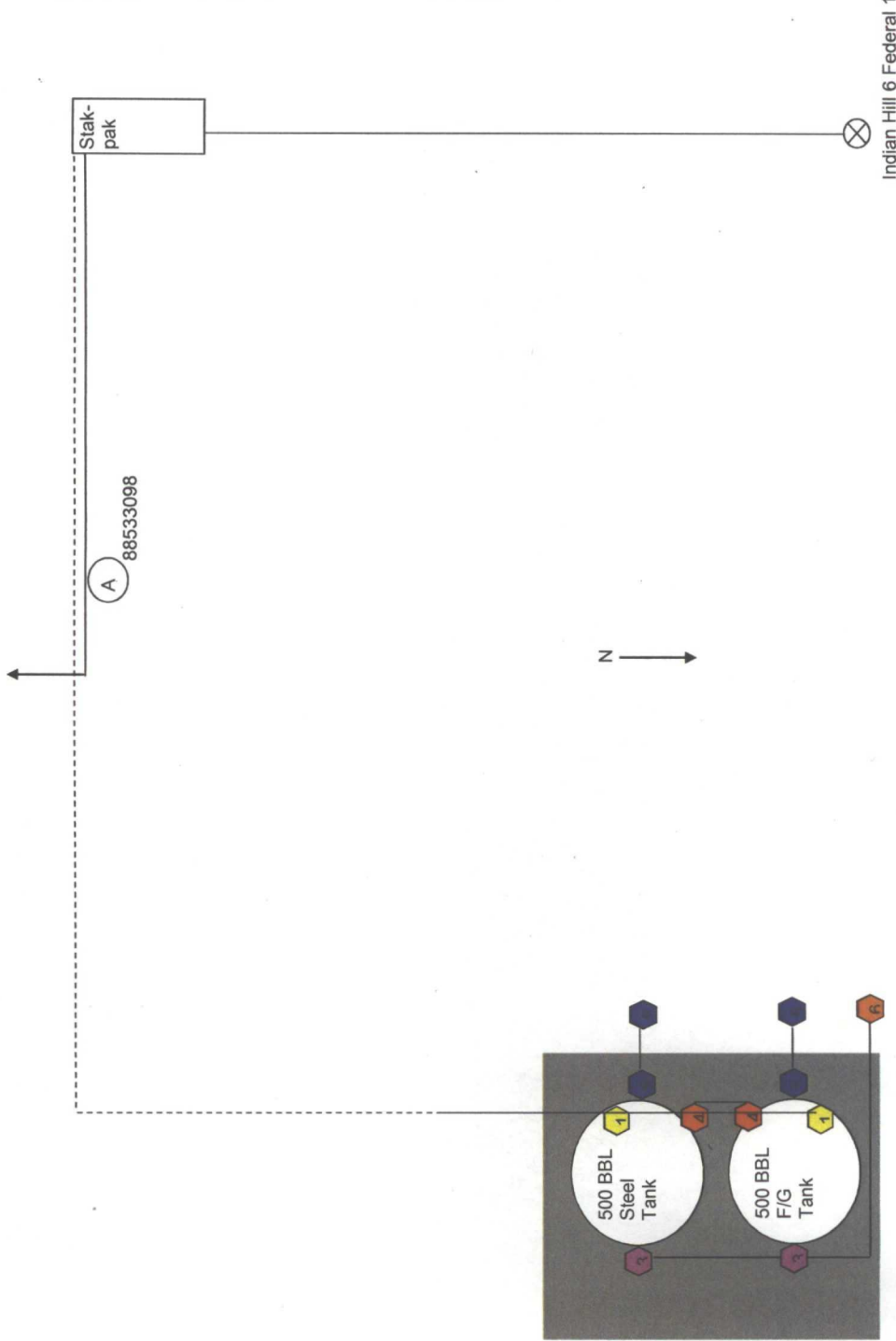
Wellhead: 

Stak-pak: 

Production line: _____

Water line: - - - - -

Gas Meter   



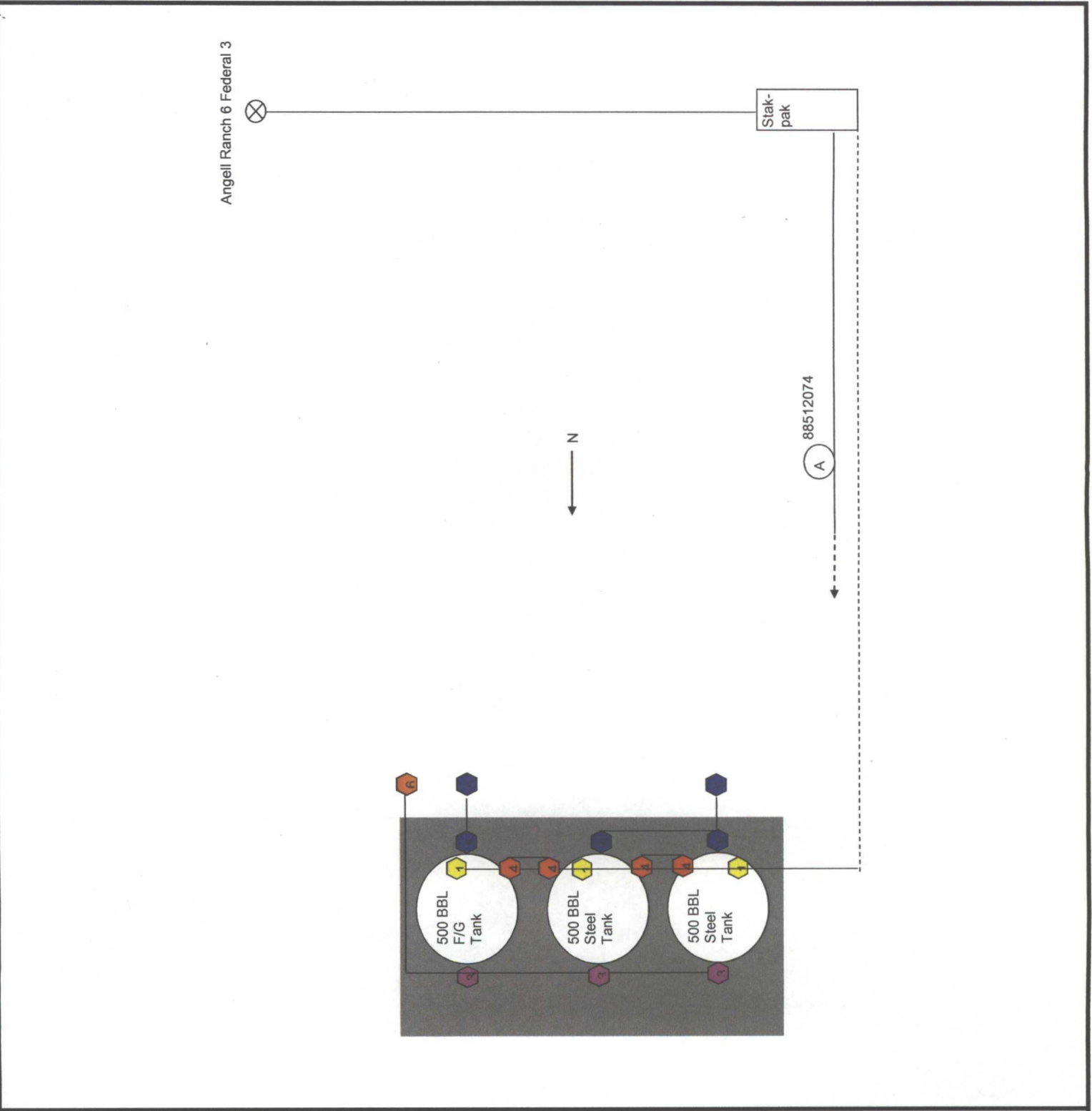
- 1) Oil sales by tank gauge to tank truck.
2) Seal requirements:
A. Production Phase: On all Tanks.
(1) All valves 5 sealed closed.

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.

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

Buried Lines:
Firewall:
Wellhead:
Stak-pak:
Production line:
Water line:
Gas Meter



Angell Ranch 6 Federal 2
API: 30-015-34546
6-20S-28E

Production System: Closed

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 inaccessible.  

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

Legend for Site Diagram

Valve #1: Production Line 

Valve #2: Test or Roll line 

Valve #3: Circ./Drain Line 

Valve #4: Equilizer Line 

Valve #5: Sles Line 

Valve #6: BS&W Load Line 

Buried Lines: -----

Firewall: 

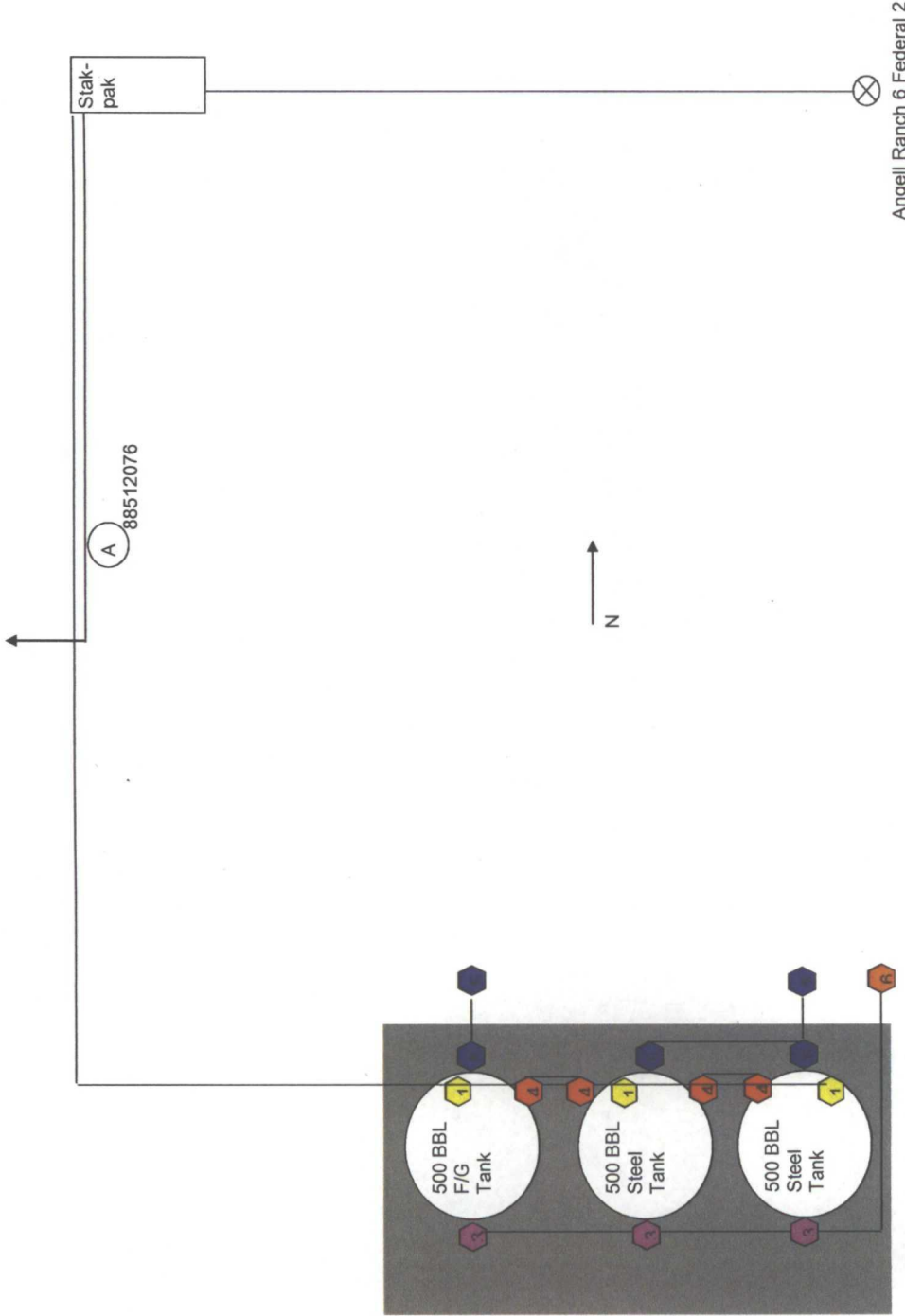
Wellhead: 

Stak-pak: 

Production line: _____

Water line: -----

Gas Meter   



Galaxie Chromatography Data System

Natural Gas Analysis Report

Run File	DEVON_3_7_3_2011 11_22_39 AM.DAT		
Method	BTUC6+H2S		
Operator	PGM	Analysis Date	7/3/2011
Company Name	DEVON ENERGY	Lease Name	ANGEL 6 FED 1
Location ID	885-12-027	Effective Date	6/30/2011
Sample Date	6/30/2011	Pulled Date	PRESS 63 TEMP 108

Component	Mole %	BTU	GPM
NITROGEN	0.5626	0.00	0.0000
CARBON DIOXIDE	0.7054	0.00	0.0000
H2S	0.0000	0.00	0.0000
METHANE	89.9176	910.27	0.0000
ETHANE	5.1861	91.99	1.3861
PROPANE	2.1176	53.41	0.5830
I-BUTANE	0.3338	10.88	0.1092
N-BUTANE	0.4996	16.34	0.1575
I-PENTANE	0.1853	7.43	0.0678
N-PENTANE	0.1400	5.62	0.0507
C6+	0.3520	16.77	0.1516
Totals	100.0000	1,112.70	2.5059

Specific Gravity from Composition 0.6378

BTUs @ 14.730 Saturated (Ideal) 1093.34 BTUs @ 14.730 Saturated (Real) 1096.26

BTUs @ 14.730 Dry (Ideal) 1112.70 BTUs @ 14.730 Dry (Real) 1115.67

Compressibility 0.99734

7/3/2011

Galaxie Chromatography Data System

Natural Gas Analysis Report

Run File	DEVON_6_6_12_2011 11_53_23 AM.DAT		
Method	BTUC6+		
Operator	PGM	Analysis Date	6/12/2011
Company Name	DEVON ENERGY	Lease Name	ANGEL RANCH 6 FED 2
Location ID	885-12-076	Effective Date	6/8/11
Sample Date	6/8/11	Pulled Date	PRESS 53 TEMP 96

Component	Mole %	BTU	GPM
NITROGEN	0.4280	0.00	0.0000
CARBON DIOXIDE	0.7322	0.00	0.0000
METHANE	93.0483	941.96	0.0000
ETHANE	3.9094	69.34	1.0448
PROPANE	1.1982	30.22	0.3299
I-BUTANE	0.1970	6.42	0.0644
N-BUTANE	0.2377	7.77	0.0749
I-PENTANE	0.1028	4.12	0.0376
N-PENTANE	0.0631	2.53	0.0228
C6+	0.0833	3.97	0.0359
Totals	100.0000	1,066.34	1.6104

Specific Gravity from Composition 0.6063

BTUs @ 14.730 Saturated (Ideal) 1047.78 BTUs @ 14.730 Saturated (Real) 1050.27

BTUs @ 14.730 Dry (Ideal) 1066.34 BTUs @ 14.730 Dry (Real) 1068.87

Compressibility 0.99763

6/12/2011

Galaxie Chromatography Data System

Natural Gas Analysis Report

Run File	DEVON_7_6_12_2011 11_59_54 AM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	6/12/2011
Company Name	DEVON ENERGY	Lease Name	ANGEL RANCH 6 FED 3
Location ID	885-12-074	Effective Date	6/6/11
Sample Date	6/6/11	Pulled Date	PRESS 68 TEMP 107

Component	Mole %	BTU	GPM
NITROGEN	0.3512	0.00	0.0000
CARBON DIOXIDE	0.7489	0.00	0.0000
METHANE	90.7974	919.18	0.0000
ETHANE	5.0511	89.60	1.3500
PROPANE	1.8788	47.38	0.5173
I-BUTANE	0.2952	9.62	0.0965
N-BUTANE	0.4318	14.12	0.1361
I-PENTANE	0.1580	6.33	0.0578
N-PENTANE	0.1149	4.62	0.0416
C6+	0.1727	8.23	0.0744
Totals	100.0000	1,099.07	2.2737

Specific Gravity from Composition	0.6271		
BTUs @ 14.730 Saturated (Ideal)	1079.94	BTUs @ 14.730 Saturated (Real)	1082.72
BTUs @ 14.730 Dry (Ideal)	1099.07	BTUs @ 14.730 Dry (Real)	1101.90
Compressibility	0.99744		

6/12/2011

Galaxie Chromatography Data System

Natural Gas Analysis Report

Run File	DEVON_9_6_12_2011 12_22_49 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	6/12/2011
Company Name	DEVON ENERGY	Lease Name	INDIAN HILLS 6 FED 1
Location ID	885-33-098	Effective Date	6/6/11
Sample Date	6/6/11	Pulled Date	PRESS 53 TEMP 88

Component	Mole %	BTU	GPM
NITROGEN	0.2914	0.00	0.0000
CARBON DIOXIDE	0.7165	0.00	0.0000
METHANE	89.7630	908.70	0.0000
ETHANE	5.3183	94.34	1.4214
PROPANE	2.2438	56.59	0.6178
I-BUTANE	0.3483	11.35	0.1139
N-BUTANE	0.5234	17.11	0.1650
I-PENTANE	0.1980	7.94	0.0725
N-PENTANE	0.1514	6.08	0.0548
C6+	0.4459	21.24	0.1920
Totals	100.0000	1,123.35	2.6374

Specific Gravity from Composition 0.6422

BTUs @ 14.730 Saturated (Ideal) 1103.80 BTUs @ 14.730 Saturated (Real) 1106.82

BTUs @ 14.730 Dry (Ideal) 1123.35 BTUs @ 14.730 Dry (Real) 1126.42 ✓

Compressibility 0.99727

6/12/2011

OFF LEASE PRODUCTION - EDDY COUNTY						
Well Name	01/01/11 Sum Est Gas	02/01/11 Sum Est Gas	03/01/11 Sum Est Gas	04/01/11 Sum Est Gas	05/01/11 Sum Est Gas	06/01/11 Sum Est Gas
Indian Hill 6 Federal 1	8,990.75	6,208.23	8,294.87	8,060.42	7,805.09	6,206.89
Angell 6 Federal 1	310.	248.33	310.	300.	80.	170.
Angell Ranch 6 Federal 2	4,917.	2,778.	4,835.	5,069.	4,708.	3,431.
Angell Ranch 6 Federal 3	5,311.77	3,493.56	4,715.16	4,819.59	4,992.92	3,510.13

Angell Ranch 6 Federal 1,2,3 and Indian Hill 6 Federal 1

Devon Energy Production Co., LP

September 5, 2011

**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.