

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No
NMNM96212

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.
INDIAN HILL 6 FEDERAL 19. API Well No.
30-015-3573110. Field and Pool, or Exploratory
ANGEL RANCH; ATOKA-MORROW11. County or Parish, and State
EDDY COUNTY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY COMPANY LP

Contact: MELANIE A CRAWFORD

E-Mail: MELANIE.CRAWFORD@DVN.COM

3a. Address

20 NORTH BROADWAY
OKLAHOMA CITY, OK 731023b. Phone No. (include area code)
Ph: 405-552-4524

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T20S R28E

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing.☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other

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 recompleat 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 recompleat 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 Fadaway, Cisco Canyon (O)

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

Accepted for record

SEP 20 2011

Field Supervisor

RECEIVED

NMOC

SEP 12 2011

NMOC ARTESIA

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby 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

Date

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

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 Commingling, 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 70320 70310	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 NMNM96211

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.

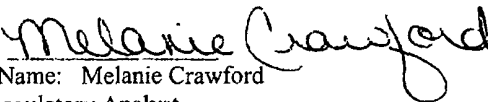
Devon Energy Production Company, LP understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument. Additionally, Devon Energy Production Co., LP will submit within 30 days, an application for right-of-way approval to the BLM and NMOCD section in your office, if we have not already done so.

Signed:

Printed Name: Melanie Crawford

Title: Regulatory Analyst

Date: 7/7/10

A handwritten signature in cursive script, reading "Melanie Crawford". The signature is written in dark ink and is positioned to the right of the printed name.

36

S 27E

19S 28E

32

NM-96212

NM-96211

Angell Ranch 6 Fed #2

Angell 6 Fed 1

20S 28E

Indian Hill 6 Fed #1

Angell Ranch 6 Fed #3

1

6

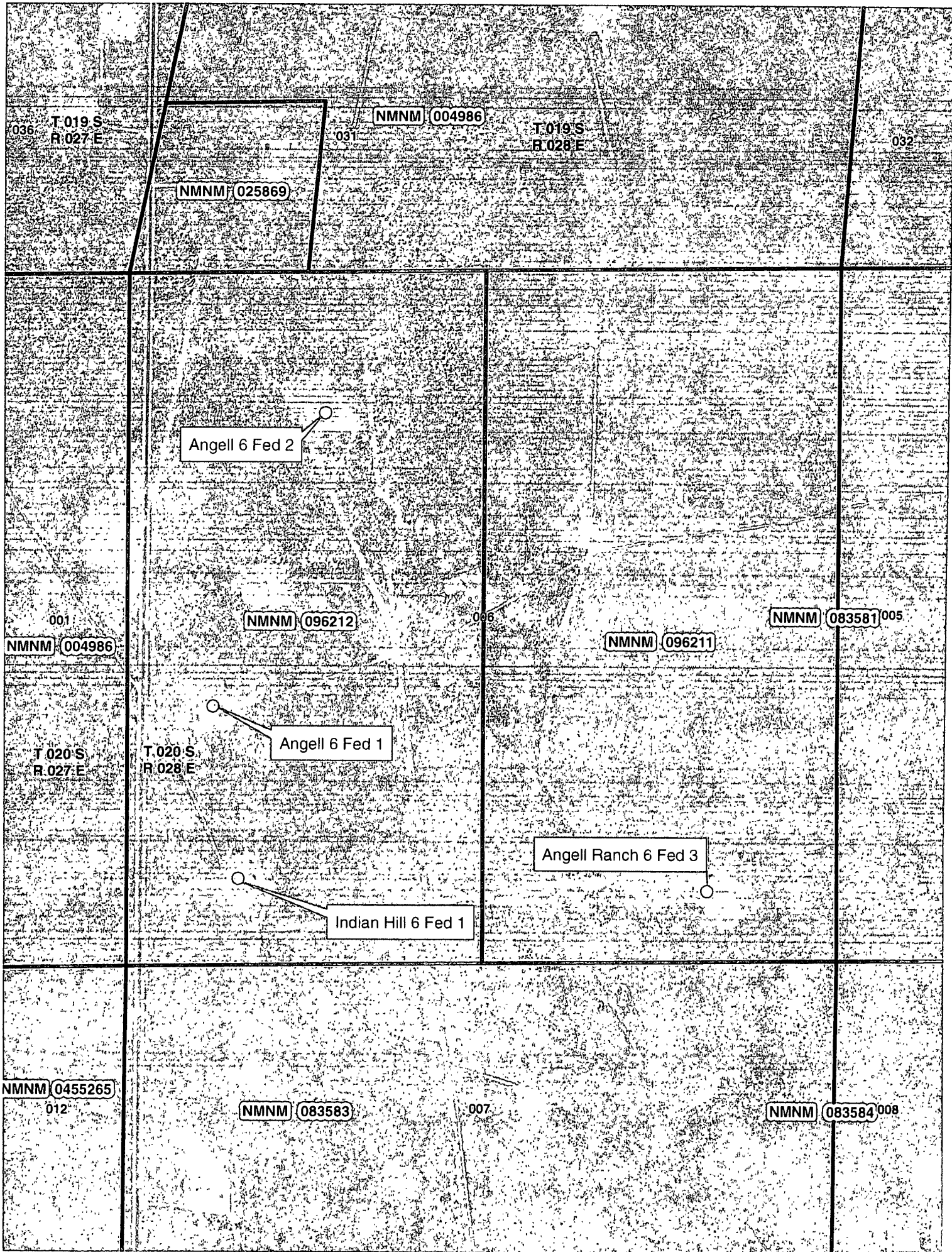
5

S 27E

12

7

8



19S
27E

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

19S 28E

PACHECO 31
FEDERAL
COM #8

31

32

ANGEL
RANCH 6
FEDERAL #1

BURTON
FLAT 5
FEDERAL #5

ANGELL
RANCH 8
FEED #2

DGP CDP Gas Sales Meter
724938-000

104°12'26.56"W, 32°36'17.815"N

104°12'26.56"W, 32°36'17.815"N

WRIGHT WRIGHT
FEDERAL #2 FEDERAL #2

ANGELL 6
FEDERAL #5

6

EDDY
COUNTY

ANGELL 6
FEDERAL #1

5

BURTON
FLAT 5
FEDERAL #3

20S 28E

BURTON
FLAT 5
FEDERAL #2

INDIAN HILL 6
FEDERAL #1

WRIGHT WRIGHT
FEDERAL #1 FEDERAL #1

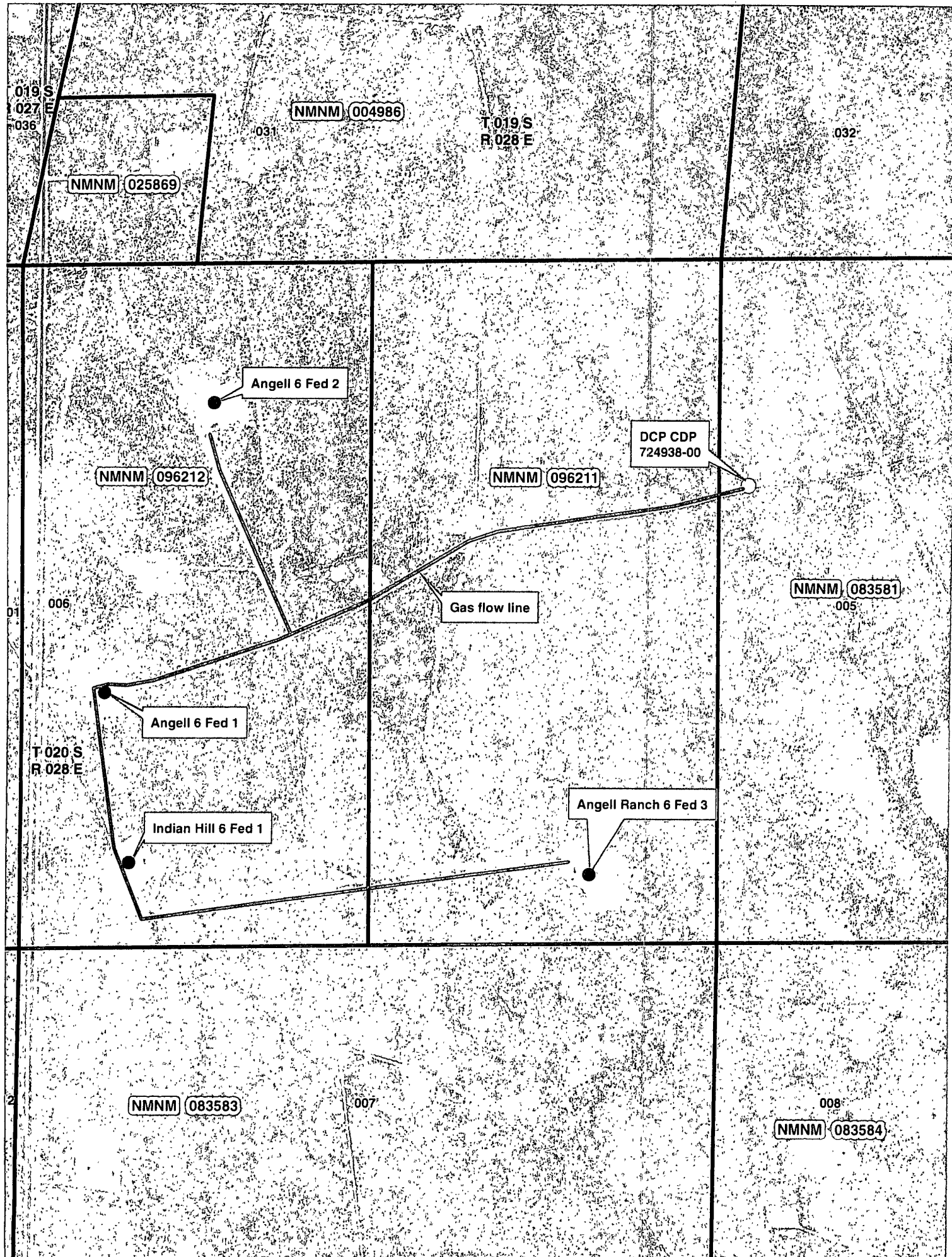
ANGELL
RANCH 6
FEED #3

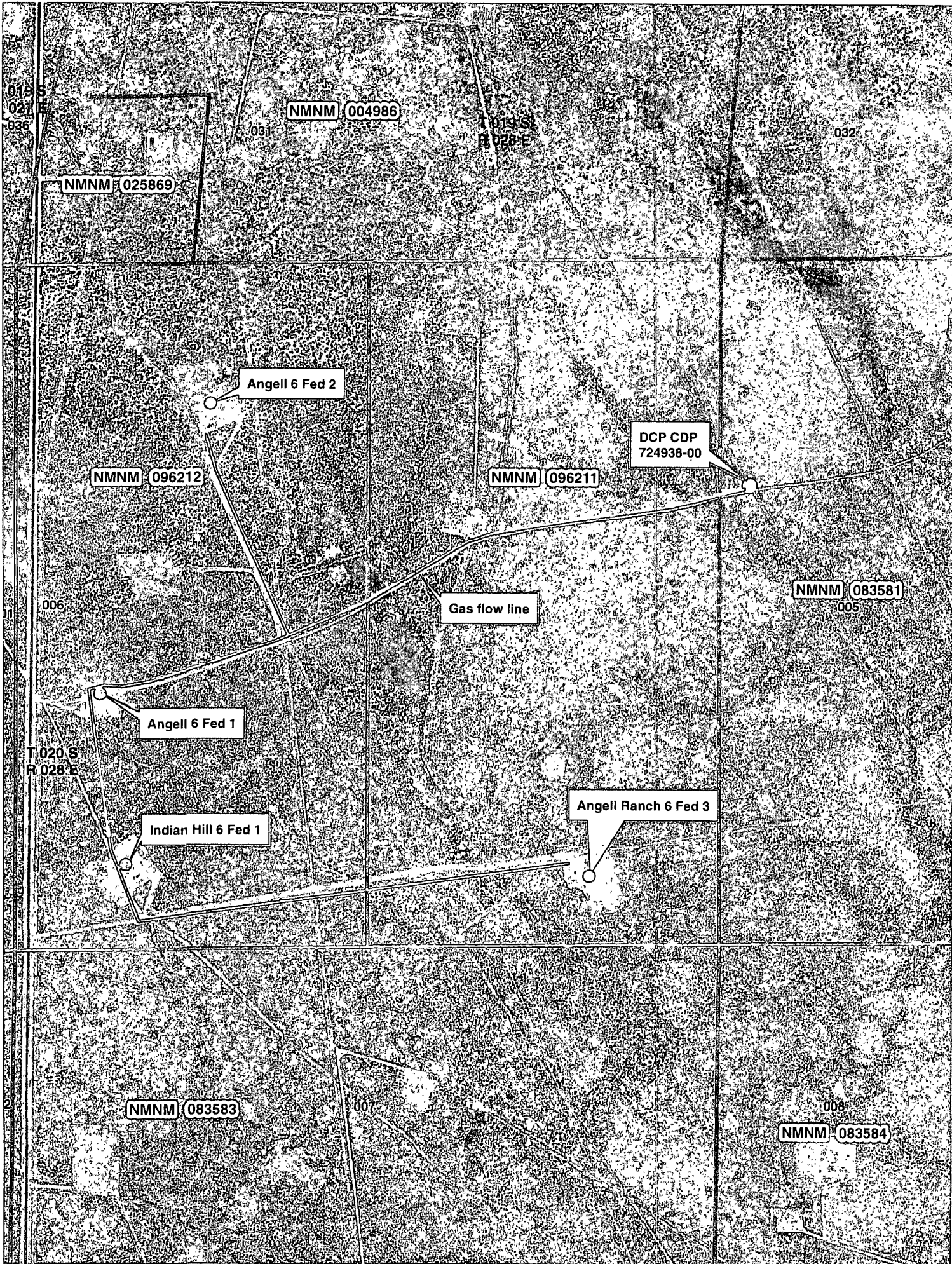
BURTON
FLAT 7
FEDERAL #2

BURTON
FLAT 7
FEDERAL #4

FEDERAL
COM #4

ANGEL
RANCH





Angell 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 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: Clrc./Drain Line 

Valve #4: Equalizer Line 

Valve #5: Sles Line 

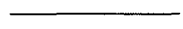
Valve #6: BS&W Load Line 

Buried Lines: 

Firewall: 

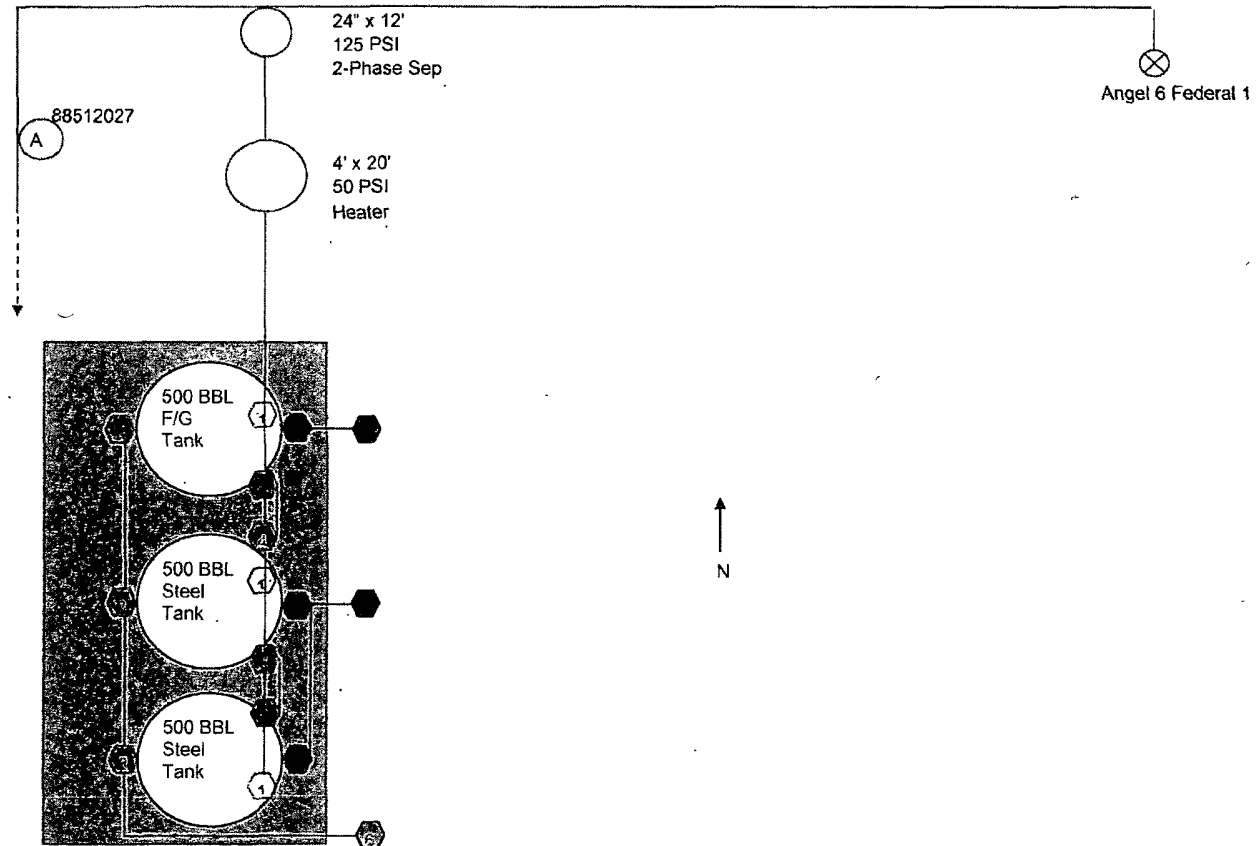
Wellhead: 

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 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: Equilizer Line 

Valve #5: Sles Line 

Valve #6: BS&W Load Line 

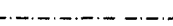
Buried Lines: 

Firewall: 

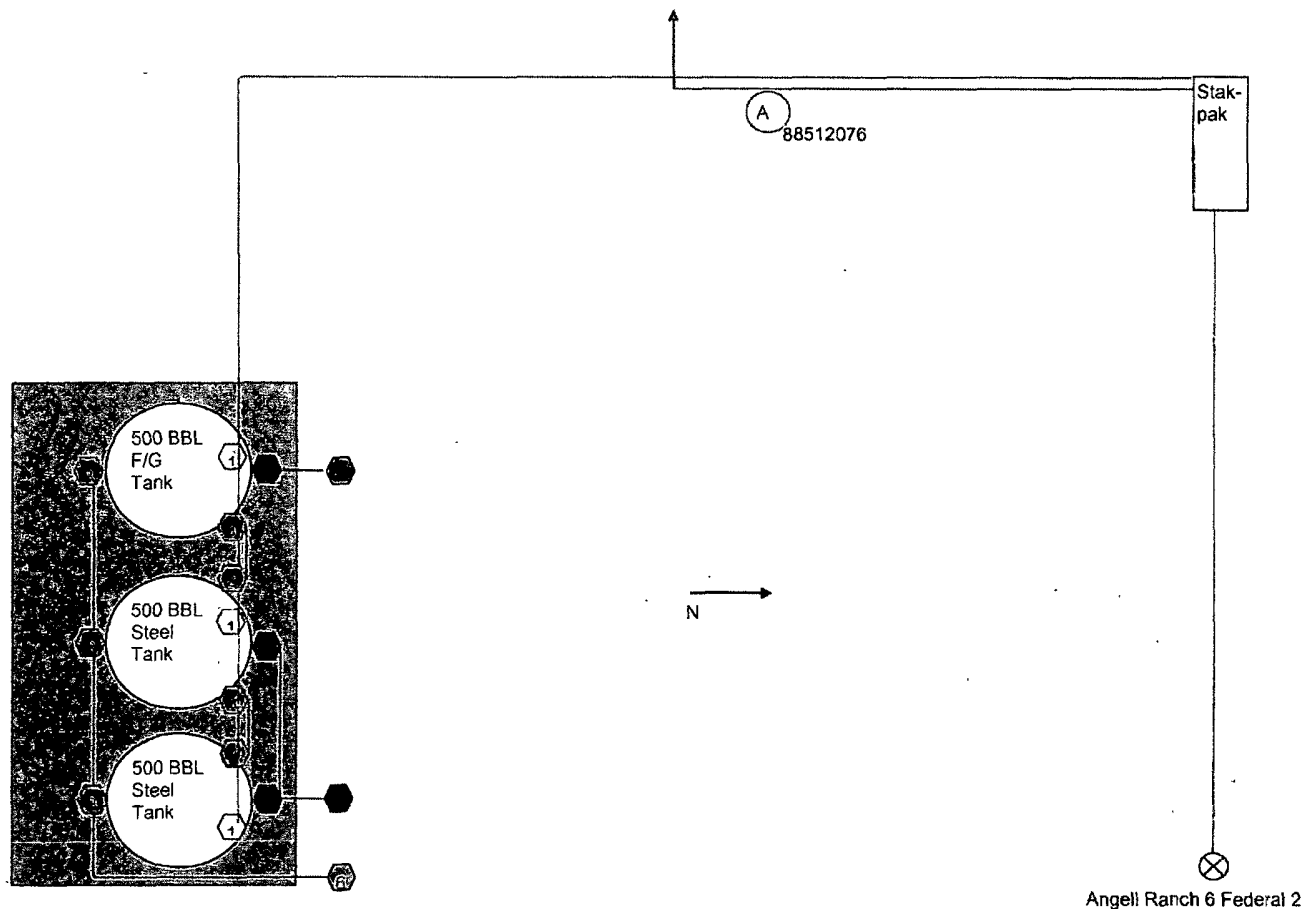
Wellhead: 

Stak-pak: 

Production line: 

Water line: 

Gas Meter   



Angell Ranch 6 Federal 3
API: 30-015-34534
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 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 

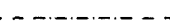
Buried Lines: 

Firewall: 

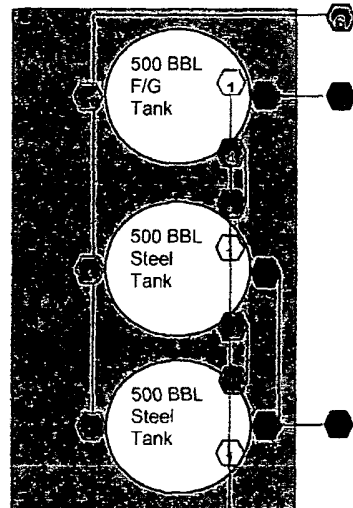
Wellhead: 

Stak-pak: 

Production line: 

Water line: 

Gas Meter   



Angell Ranch 6 Federal 3



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A 88512074

Stak-pak

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 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: Equilizer Line 

Valve #5: Sles Line 

Valve #6: BS&W Load Line 

Buried Lines: -----

Firewall: 

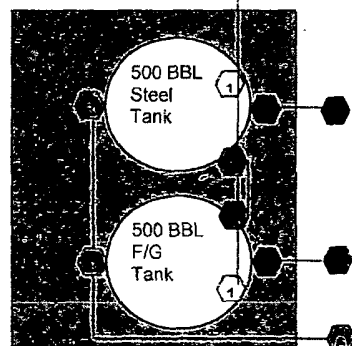
Wellhead: 

Stak-pak: 

Production line: -----

Water line: -----

Gas Meter   



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88533098

Stak-pak

Indian Hill 6 Federal 1

Galaxie Chromatography Data System

Natural Gas Analysis Report

Run File	DEVON_3_7_3_2011 11_22_39 AM.DAT		
Method	BTUC6+H2S		
Operator	PQM	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	885-12-078	Effective Date	6/8/11
Sample Date	6/8/11	Pulled Date	PRESS 53 TEMP 86

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	6/8/11	Pulled Data	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.DAT		
Method	BTUC6+		
Operator	PGM	Analysis Date	6/12/2011
Company Name	DEVON ENERGY	Lease Name	INDIAN HILLS 8 FED 1
Location ID	885-33-098	Effective Date	8/8/11
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

	01/01/11	02/01/11	03/01/11	04/01/11	05/01/11	06/01/11
Well Name	Sum Est Gas	Sum Est Gas	Sum Est Gas	Sum Est Gas	Sum Est Gas	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.