

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

S

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.
NM95109 and NM89052 **91509**
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

JUN 24 2008

2. Name of Operator
Devon Energy Production Company, L.P.

OCD-ARTESIA

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

8. Well Name and No.
See Attached

9. API Well No.
See Attached **30 015 278 32**

3a. Address
20 North Broadway, Oklahoma City, OK 73102

3b. Phone No. (include area code)
405-228-8699

10. Field and Pool or Exploratory Area

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

SEC 25 T22S R30E

11. Country or Parish, State
Eddy NM

12. CHECK THE 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 <u>Surface Commingle</u>
	<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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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, L. P. respectfully requests approval for surface commingle for measurement of hydrocarbon production the following wells:

Apache 25 Federal 2 Unit P Sec 25 T22S R30E: API# 30-015-27478 660 FSL 1310 FEL Pool: Los Medanos; Bone Spring
Apache 25 Federal 5 Unit I Sec 25 T22S R30E: API# 30-015-~~27834~~ 1980 FSL 330 FEL DHC-3178 Los Medanos; Bone Spring & S. Los Medanos;
Wolfcamp **32720**
Apache 25 Federal 6 Unit P Sec 25 T22S R30E: API# 30-015-27832 330 FSL 330 FEL Quahada Ridge SE; Delaware
Apache 25 Federal 9 Unit J Sec 25 T22S R30E: API# 30-015-~~27897~~ 1980 FSL 1650 FEL Los Medanos; Bone Spring
Apache 25 Federal 10H Unit P Sec 25 T22S R30E: API# 30-015-27898 330 FSL 1650 FEL Quahada Ridge SE; Delaware
27970

Surface commingle will be at the Apache 25 Federal 6. The ownership is uniform in both leases and all of the wells.

See ATTACHED Conditions of Approval

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

Name (Printed/Typed)

Judy A. Barnett

Title Regulatory Analyst

Signature

Date

4/18/2008

APPROVED

JUN 22 2008

/s/ JD Whitlock Jr

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

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

(Instructions on page 2)

Accepted for record - NMOCD

APPLICATION FOR SURFACE COMMINGLING:

Bureau of Land Management
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Devon Energy Production Company, L. P. requests approval for surface commingling and measurement of hydrocarbon production from the following wells on Federal Lease:

<u>Lease Name & No: 91509</u>	<u>Sec</u>	<u>TWP</u>	<u>Rng</u>	<u>Formation</u>
Apache 25 Federal 9	25	22S	30E	Los Medanos-Bone Spring & South Medanos-Wolfcamp
Apache 25 Federal 5	25	22S	30E	Quahada Ridge SE; Delaware

<u>Lease Name & No: 89052</u>	<u>Sec</u>	<u>TWP</u>	<u>Rng</u>	<u>Formation</u>
Apache 25 Federal 2	25	22S	30E	Los Medanos; Bone Spring
Apache 25 Federal 6	25	22S	30E	Quahada Ridge SE; Delaware
Apache 25 Federal 10H	25	22S	30E	Quahada Ridge SE; Delaware

Exhibit I is a schematic, which shows the equipment that will be utilized to determine well production from each well that will contribute production to the proposed commingled facility.

Surface Commingling Proposal for Apache 25 Federal #2, #5, #6, #9 and #10H.

Devon proposes to surface commingle the producing wells; the Apache 25 Federal 2, Apache 25 Federal 5, Apache 25 Federal 6, Apache 25 Federal 9 and the Apache 25 Federal 10H to the Apache 25 Federal 6 battery facility. This commingling will in effect lessen the disturbance and impact on the environment. The BLM will be notified if there is any future change in the facility location.

Oil metering:

Oil 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 of the wells is always producing through the testing equipment. Daily production will be allocated on a daily basis based on the most recent individual well tests of oil, gas and water. Well tests for each well will be conducted at least once per month.

Process and Flow Description: A common gas sales meter associated with a DCP central delivery point (CDP) is currently located and will continue to be used at the Apache 25 Federal #6 location (#6 battery), Sec 25, T22S R30E Federal Lease #NM89052. This sales meter currently accepts gas from the Apache 25 Federal #3 battery, the currently existing Apache 25 Federal #2 battery (which will be dismantled upon approval of this surface commingling permit), as well as the gas production from the #6 battery. Upon dismantling of the #2 battery, the entire 3-phase flow streams from the #2, #5, #9 and #10H wells will be directed to the #6 battery, rather than being processed at the #2 battery, and oil, gas and water volumes will be allocated to each well using the test separator/ heater treater located at the #6 battery. These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The attached facility diagrams show the proposed metering arrangement. The BLM will be notified if there is any future change in the facility location.

Please see attached diagram for the "current" facilities set up and "proposed" Apache 25 Federal 6 production facility.

Devon Energy Production Company, L. P. is the record title owner of the leases to be commingled and the owner of 100% WI interest in the commingle wells. The ownership of all interests is uniform in both of the leases and all of the wells. Therefore, no additional notification should be necessary.

The proposed commingling of production will reduce operating expense among the referenced wells as well as reduce the surface footprint and overall emissions associated with producing these wells. This will result in increasing the economic life of the wells.

Signed: 

Name: Judy A. Barnett

Title: Regulatory Analyst

Date: April 18, 2008



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Fax 405-552-8113

April 15, 2008

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
Attn: David Brooks

Re: Surface Commingling
NM-91509 & NM-89052
Section 25-T22S-R30E
Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. ("Devon") intends to dismantle the Apache 25 Federal #2 battery located in the SE/4 SE/4 Section 25-T22S-R30E, Eddy County, New Mexico. This battery currently services the Apache 25 Federal #2, #5, and #9 wells as evidenced by the attached Commingling Order PC-1098 dated September 9, 2003.

In lieu of Commingling Order PC-1098, Devon respectfully requests the Commission administratively approve a new surface commingling order allowing for the commingling of production from the Apache 25 Federal #2, #5, #6, #9 and the Apache 25 Federal #10H which is currently drilling in to the existing Apache 25 Federal #6 battery located in SE/4 SE/4 (Unit letter P) of Said section 25. Attached is Form C-107-B for your approval.

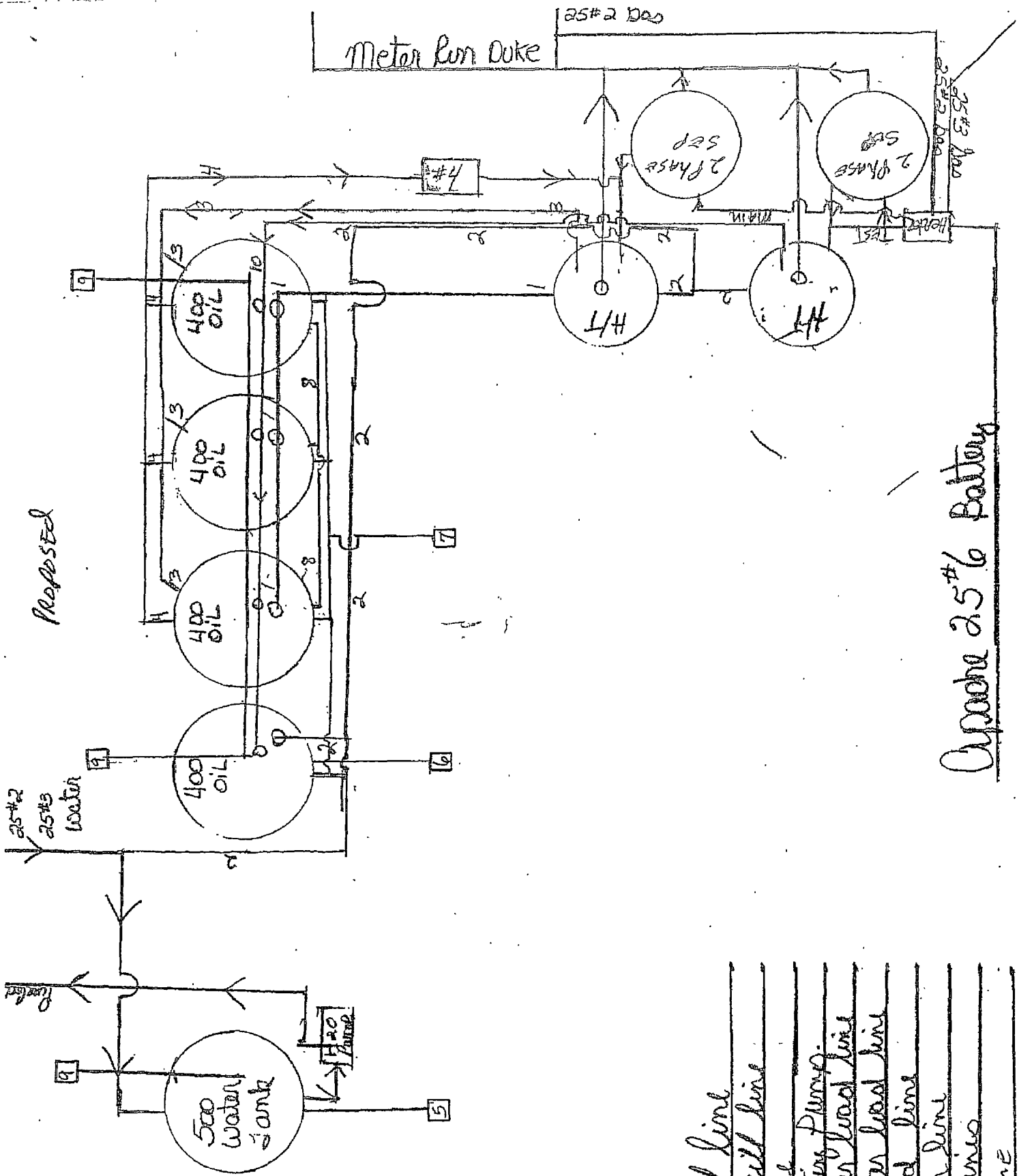
Devon is the record title owner of the leases to be commingled and the owner of 100% WI interest in the commingled wells. The ownership of all interests is uniform in both of the leases and all of the wells. Therefore, no additional notification should be necessary.

If there are any questions or if additional information is required feel free to contact me at (405) 552-4633 or Judy Barnett at (405) 228-8699.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

Ken Gray
Senior Land Advisor



- 1 Oil fill line
- 2 Water fill line
- 3 Port line
- 4 Circulating Pump
- 5 500 Water head line
- 6 400 Water head line
- 7 Oil head line
- 8 Equalizing line
- 9 Vent lines
- 10 TEST Line



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

April 18, 2008

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

RE: SURFACE COMMINGLING

NM-91509 & NM-89052
SEC 25 T22S R30E
Eddy County, New Mexico

Dear Mr. Jones:

Please find attached the BLM Form 3160-5 Sundry Notice of Intent to Surface Commingle and the OCD form C-107B for the proposed zones. Devon is the record title owner of the leases to be commingled and the owner of 100% WI in the commingled wells. The ownership is uniform in both of the leases and all of the wells. No additional notification is necessary.

If there are any additional questions or if additional information is needed, please do not hesitate to contact me at 405.228.8699.

Sincerely,

DEVON ENERGY PRODUCTION COMPANY, L.P.

A handwritten signature in black ink, appearing to read "Judy A. Barnett".

Judy A. Barnett
Regulatory Analyst
Judith.Barnett@devon.com

cc: Oil Conservation Division -Artesia
Bureau of Land Management – Carlsbad

Attachments



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Fax 405-552-8113

April 15, 2008

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
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NM-91509 & NM-89052
Section 25-T22S-R30E
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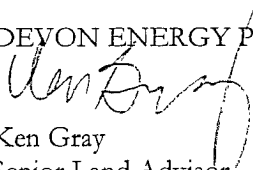
In lieu of Commingling Order PC-1098, Devon respectfully requests the Commission administratively approve a new surface commingling order allowing for the commingling of production from the Apache 25 Federal #2, #5, #6, #9 and the Apache 25 Federal #10H which are currently producing into the existing Apache 25 Federal #6 battery located in SE/4 SE/4 (Unit letter P) of Said section 25. Attached is Form C-107-B for your approval.

Devon is the record title owner of the leases to be commingled and the owner of 100% WI interest in the commingled wells. The ownership of all interests is uniform in both of the leases and all of the wells. Therefore, no additional notification should be necessary.

If there are any questions or if additional information is required feel free to contact me at (405) 552-4633 or Judy Barnett at (405) 228-8699.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.


Ken Gray
Senior Land Advisor

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.

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

Judith A. Barnett
 Print or Type Name
 Judith.Barnett@dmv.com
 e-mail Address

Signature

Regulatory Analyst
 Title
 Date 04/18/2008

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 IV1220 S. St Francis Dr, Santa Fe, NM
87505State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-107-B
Revised June 10, 2003**OIL CONSERVATION DIVISION**1220 S. St Francis Drive
Santa Fe, New Mexico 87505Submit 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 Company L. P.

OPERATOR ADDRESS: 20 N. Broadway, Oklahoma City, Oklahoma 73102-8260

APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)LEASE TYPE: ☐ Fee ☐ State ☒ FederalIs 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
Los Medanos; Bone Spring 40295 + South Los Medanos; Wolfcamp 96336 (Well #9 - DHC)	45.1/ 1303	42.6/ 1315			
Quahada Ridge ;SE Delaware 50443 (#5)	40.4/ 1245	42.6/ 1315			
Quahada Ridge ;SE Delaware 50443 (#6)	40.2/ 1339	42.6/ 1315			
Los Medanos; Bone Spring 40295 (well #2)	44.7/ 1378	42.6/ 1315			

(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 (Monthly representative well tests)(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 (Specify)**(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: Judy A. BarnettTITLE: Regulatory AnalystDATE: 04/18/2008TYPE OR PRINT NAME: Judy A. Barnett TELEPHONE NO.: 405.228.8699

EMAIL ADDRESS: _____



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

M

FOR: Devon Energy
P. O. Box 250
Artesia, New Mexico 88211-0250

SAMPLE: Sta. #39033011
IDENTIFICATION Apache 25 Fed. #2
COMPANY: Devon Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED 8/27/07 9:30 am
ANALYSIS DATE: 8/31/07
PRESSURE - PSIG 73.3
SAMPLE TEMP. °F 97.6
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Lemmons
ANALYSIS BY: Vickie Sullivan

REMARKS: H2S = 0

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)	0.000	
Nitrogen (N2)	3.216	
Carbon Dioxide (CO2)	0.025	
Methane (C1)	68.732	
Ethane (C2)	13.459	3.591
Propane (C3)	8.024	2.206
I-Butane (IC4)	0.996	0.325
N-Butane (NC4)	2.763	0.869
I-Pentane (IC5)	0.706	0.258
N-Pentane (NC5)	0.822	0.297
Hexane Plus (C6+)	1.257	0.546
	100.000	8.092

BTU/CU.FT. - DRY 1378
AT 14.650 DRY 1374
AT 14.650 WET 1350
AT 14.73 DRY 1381
AT 14.73 WET 1357

MOLECULAR WT. 23.9719

SPECIFIC GRAVITY -
CALCULATED 0.825
MEASURED



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR. Devon Energy
P. O. Box 250
Artesia, New Mexico 88211-0250

SAMPLE: Sta. #39049037
IDENTIFICATION Apache 25 #5
COMPANY: Devon Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED 12/19/07
ANALYSIS DATE: 12/19/07
PRESSURE - PSIG 22
SAMPLE TEMP. °F 50
ATMOS. TEMP. °F 56

GAS (XX) LIQUID ()
SAMPLED BY: R.H.
ANALYSIS BY: Vickie Sullivan

REMARKS: H2S = 0.5 PPM

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	5.526	
Carbon Dioxide (CO2)	0.025	
Methane (C1)	71.876	
Ethane (C2)	12.088	3.225
Propane (C3)	6.810	1.872
I-Butane (IC4)	0.687	0.224
N-Butane (NC4)	1.691	0.532
I-Pentane (IC5)	0.325	0.119
N-Pentane (NC5)	0.332	0.120
Hexane Plus (C6+)	0.640	0.278
	100.000	6.370

BTU/CU.FT. - DRY 1245
AT 14.650 DRY 1242
AT 14.650 WET 1220
AT 14.73 DRY 1248
AT 14.73 WET 1227

MOLECULAR WT. 22.1739

SPECIFIC GRAVITY -
CALCULATED 0.764
MEASURED



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

M

FOR: Devon Energy
P. O. Box 250
Artesia, New Mexico 88211-0250

SAMPLE: Sta. #74086-00
IDENTIFICATION Apache 25 Fed. #6
COMPANY: Devon Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED 7/9/07 7:45 am
ANALYSIS DATE: 7/11/07
PRESSURE - PSIG 56.7
SAMPLE TEMP. °F 83.2
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Lemmons
ANALYSIS BY: Vickie Sullivan

REMARKS: H2S = 0

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	4.367	
Carbon Dioxide (CO2)	0.015	
Methane (C1)	68.435	
Ethane (C2)	13.273	3.541
Propane (C3)	8.370	2.301
I-Butane (IC4)	0.971	0.317
N-Butane (NC4)	2.505	0.788
I-Pentane (IC5)	0.606	0.221
N-Pentane (NC5)	0.606	0.219
Hexane Plus (C6+)	0.852	0.370
	100.000	7.757

BTU/CU.FT. - DRY 1339
AT 14.650 DRY 1335
AT 14.650 WET 1312
AT 14.73 DRY 1342
AT 14.73 WET 1319

MOLECULAR WT. 23.5719

SPECIFIC GRAVITY -
CALCULATED 0.812
MEASURED

Wildcat Measurement Service
P.O. Box 1836
Artesia, New Mexico 88211-1836
TollFree #888-421-9453
Office #505-746-3481
"Quality and Service is our First Concern"

PDS 06/25/00

Run No. 271018-09
Date Run 10/18/2007
Date Sampled 10/18/2007

Analysis for: DEVON ENERGY PRODUCTION COMPANY

GPANGL162

Well Name: APACHE "25" #9
Field: APACHE
Sta. Number: APACHE 25-2 BTY
Purpose: SPOT-DRY FLOW
Sampling Temp: 59.4 DEG F
Volume/day: 50 MCF/DAY
Pressure on Cylinder: 20.0 PSIG

Producer: DEVON ENERGY PRODUCTION CO.
County: EDDY State: NM
Sampled By: ROBERT HERNANDEZ
Atmos Temp: 64 DEG F
Formation:
Line Pressure: 33.2 PSIA

GAS COMPONENT ANALYSIS

Pressure Base: 14.7300

		Mol %	GPM
Carbon Dioxide	CO2	0.0723	
Nitrogen	N2	1.3421	
Methane	C1	74.0419	
Ethane	C2	14.1264	3.7759
Propane	C3	7.0256	1.9344
Iso-Butane	IC4	0.7954	0.2602
Nor-Butane	NC4	1.6913	0.5332
Iso-Pentane	IC5	0.3142	0.1150
Nor-Pentane	NC5	0.3147	0.1140
Hexanes Plus	C6+	0.2761	0.1205
TOTAL		100.0000	6.8530

Real BTU Dry: 1302.93
Real BTU Wet: 1280.27
Real Calc. Specific Gravity: 0.7549
Field Specific Gravity: 0.0000

Standard Pressure: 14.6960
BTU Dry: 1294.99
BTU Wet: 1272.46

Z Factor: 0.9962
N Value: 1.2733
Avg Mol Weight: 21.7886
Avg CuFt/Gal: 53.8027
26 Lb Product: 0.5134
Methane+ GPM: 19.4028
Ethane+ GPM: 6.8530
Propane+ GPM: 3.0772
Butane+ GPM: 1.1428
Pentane+ GPM: 0.3494

REMARKS:

Approved by: DON WORMAN

Tue Oct 23 11:47:44 2007



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Devon Energy
Attention: Jack Pittman
P.O. Box 250
Artesia, New Mexico 88211-0250

SAMPLE: Sta. # 390-49-037 (Apache Test)
IDENTIFICATION Apache 25 #10
COMPANY: Devon Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED 1/14/08
ANALYSIS DATE: 1/15/08
PRESSURE - PSIG 15
SAMPLE TEMP. °F 70
ATMOS. TEMP. °F 68

GAS (XX) LIQUID ()
SAMPLED BY: Rob
ANALYSIS BY: Vicki McDaniel

REMARKS: H2S = 1 PPM

Pressure Base: 14.65
Vol. 119 MCF/Day

COMPONENT ANALYSIS

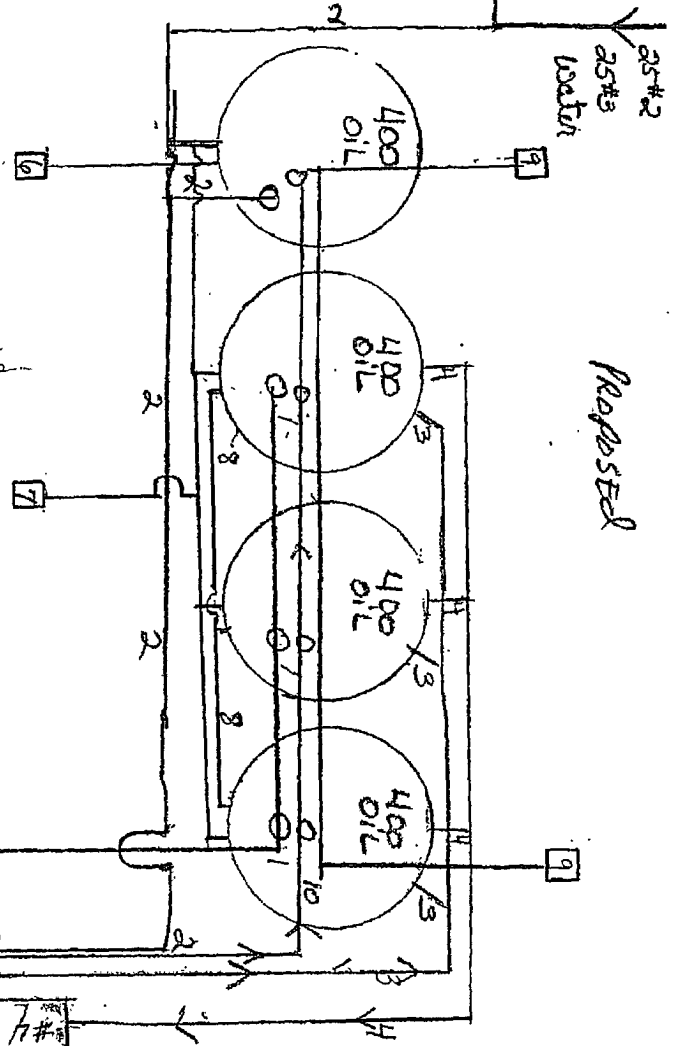
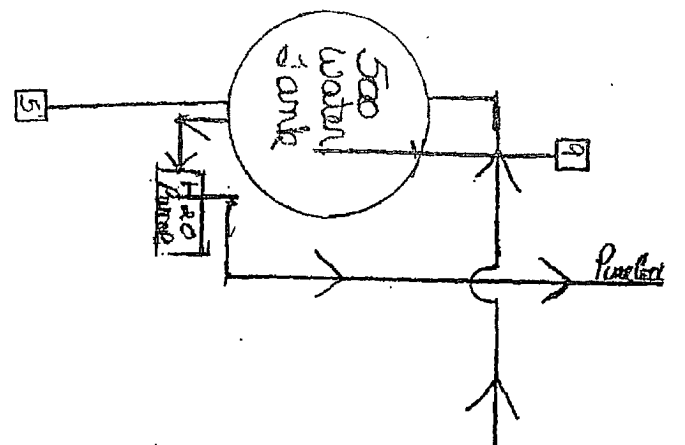
COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	3.983	
Carbon Dioxide (CO2)	0.010	
Methane (C1)	63.959	
Ethane (C2)	15.487	4.132
Propane (C3)	10.513	2.890
I-Butane (IC4)	1.180	0.385
N-Butane (NC4)	2.792	0.878
I-Pentane (IC5)	0.595	0.217
N-Pentane (NC5)	0.602	0.218
Hexane Plus (C6+)	0.879	0.381
	100.000	9.101

BTU/CU.FT. - DRY 1404
AT 14.650 DRY 1399
AT 14.650 WET 1375
AT 14.73 DRY 1407
AT 14.73 WET 1383

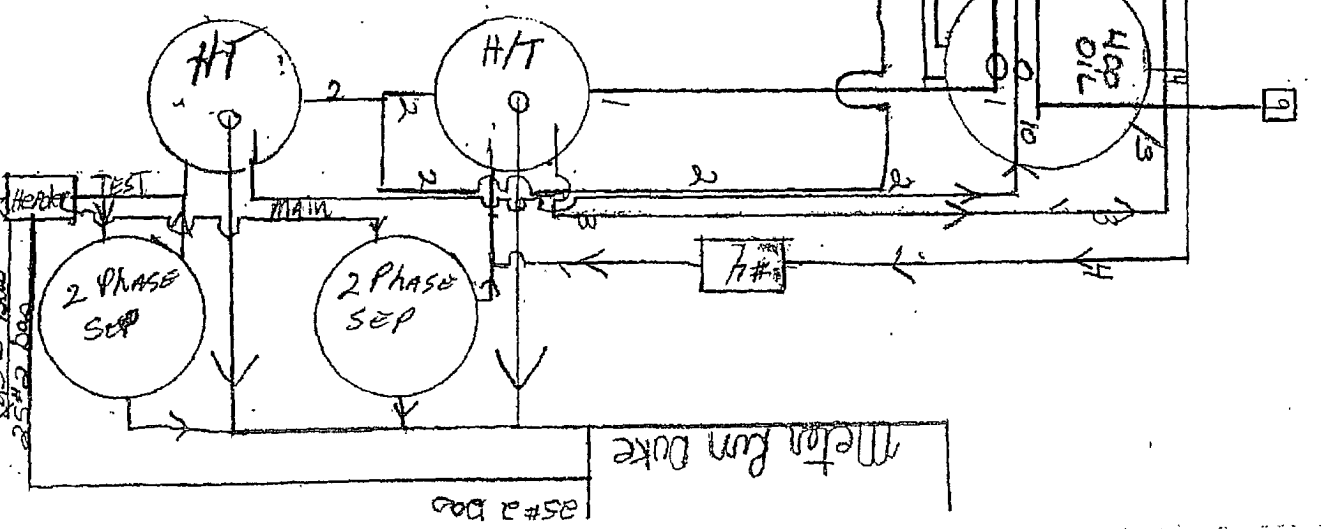
MOLECULAR WT. 24.6574

SPECIFIC GRAVITY -
CALCULATED 0.850
MEASURED

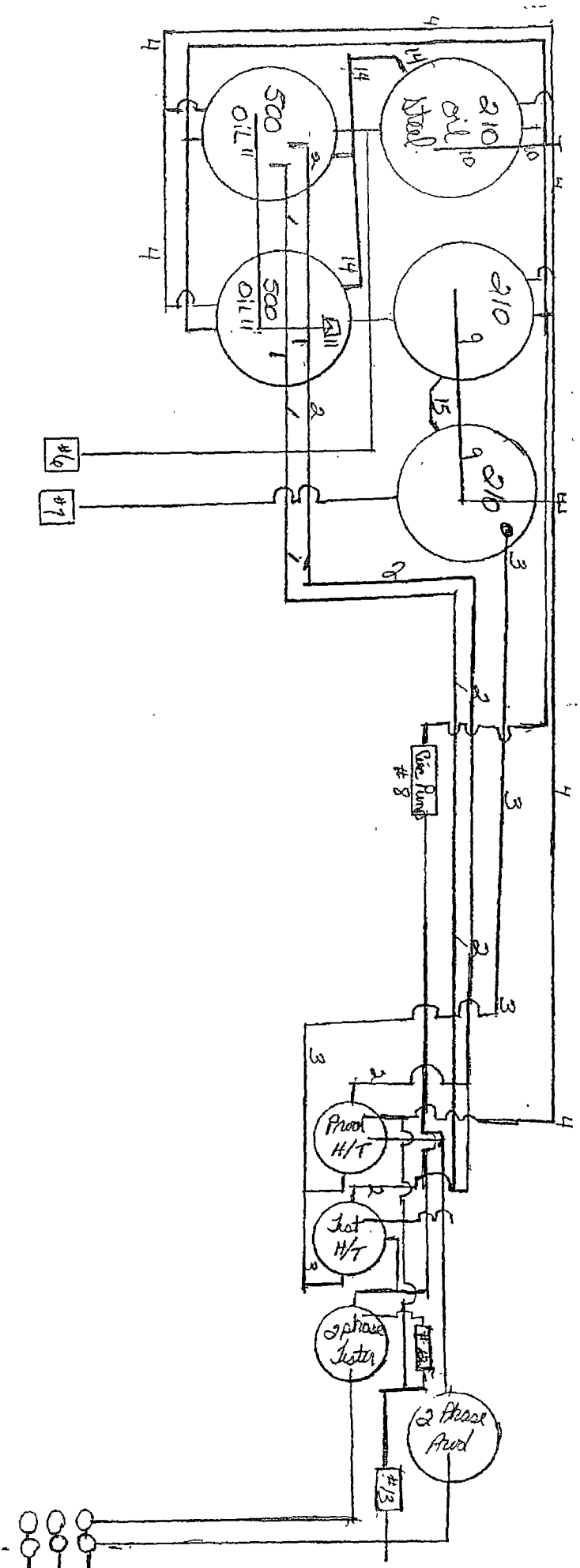
- 1 Oil fill line
- 2 Water fill line
- 3 Roll line
- 4 Circulator Pump
- 5 500 Water head line
- 6 400 Water head line
- 7 Oil head line
- 8 Equalizer line
- 9 Vent line
- 10 TEST line



Proposed



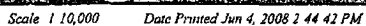
Upgrade 25#6 Battery

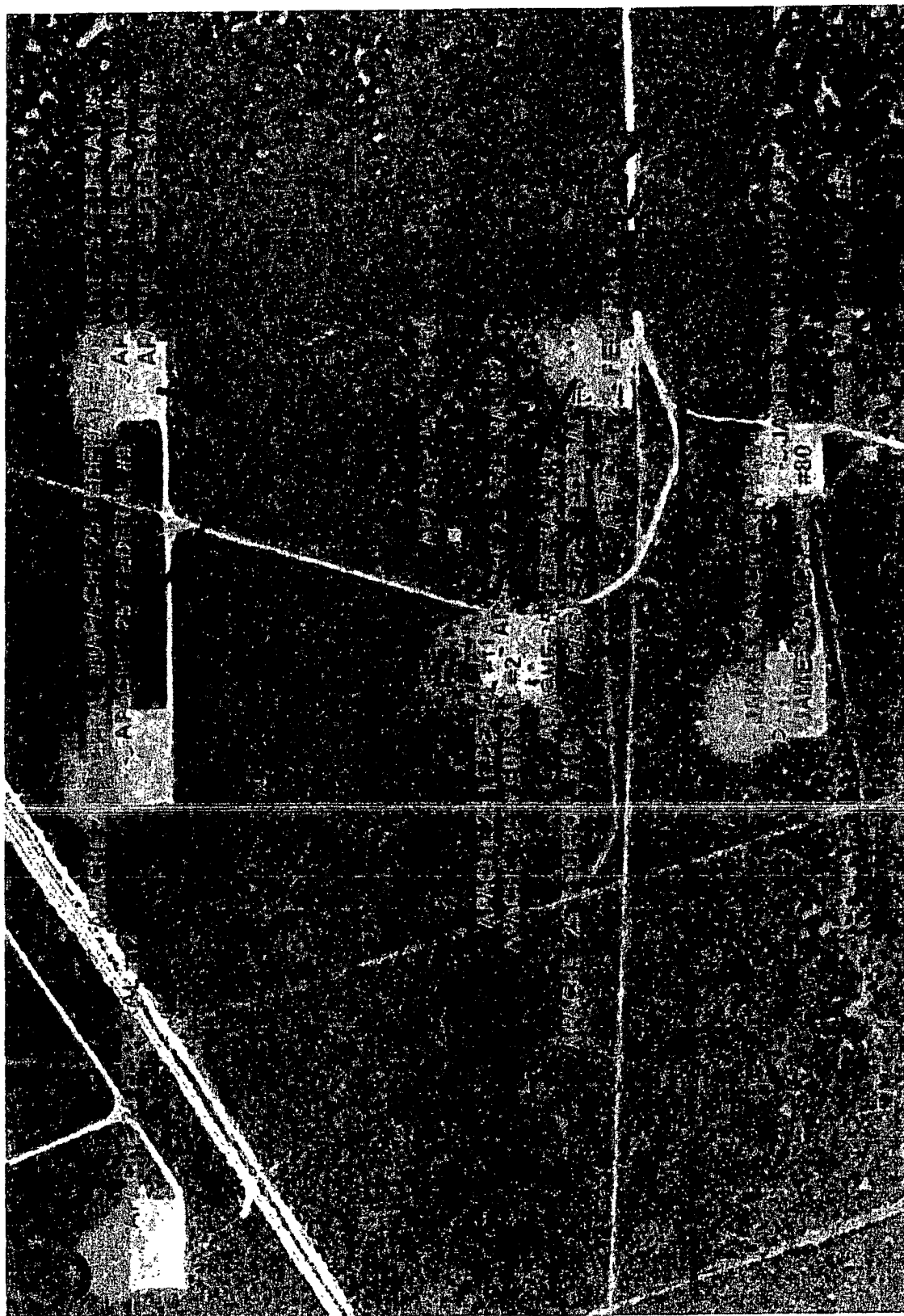


1. Proch H/T line
2. Jat H/T line
3. Water fill line
4. 1" Prod line
6. oil Prod line
7. Water Prod line
8. One Pump
9. H2O Vent line
10. 210 oil Vent line
11. 500 oil Vent line
12. Prod Check meter
13. Prod Check meter
14. Equilizer oil tanks
15. H2O Equilizer

Open 25 #2 Battery

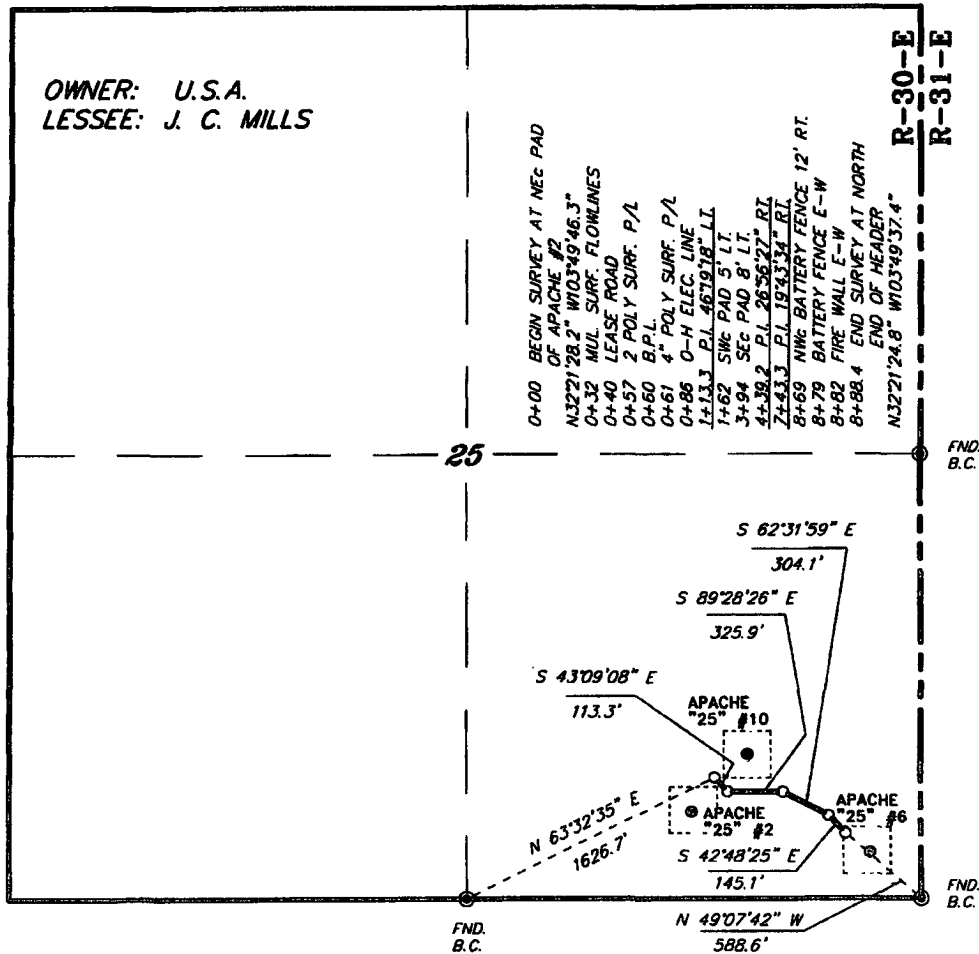






SECTION 25, TOWNSHIP 22 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

OWNER: U.S.A.
LESSEE: J. C. MILLS



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 25, TOWNSHIP 22 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE CENTERLINE SURVEY AS SHOWN ON THIS PLAT.

888.4 FEET = 53.84 RODS = 0.17 MILES = 0.61 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES

No. 7977
No. 5074

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 18840

Drawn By: **James Presley**

Date: 12/05/07

Disk: JLP #1 - DEV18840

1000 0 1000 2000 FEET

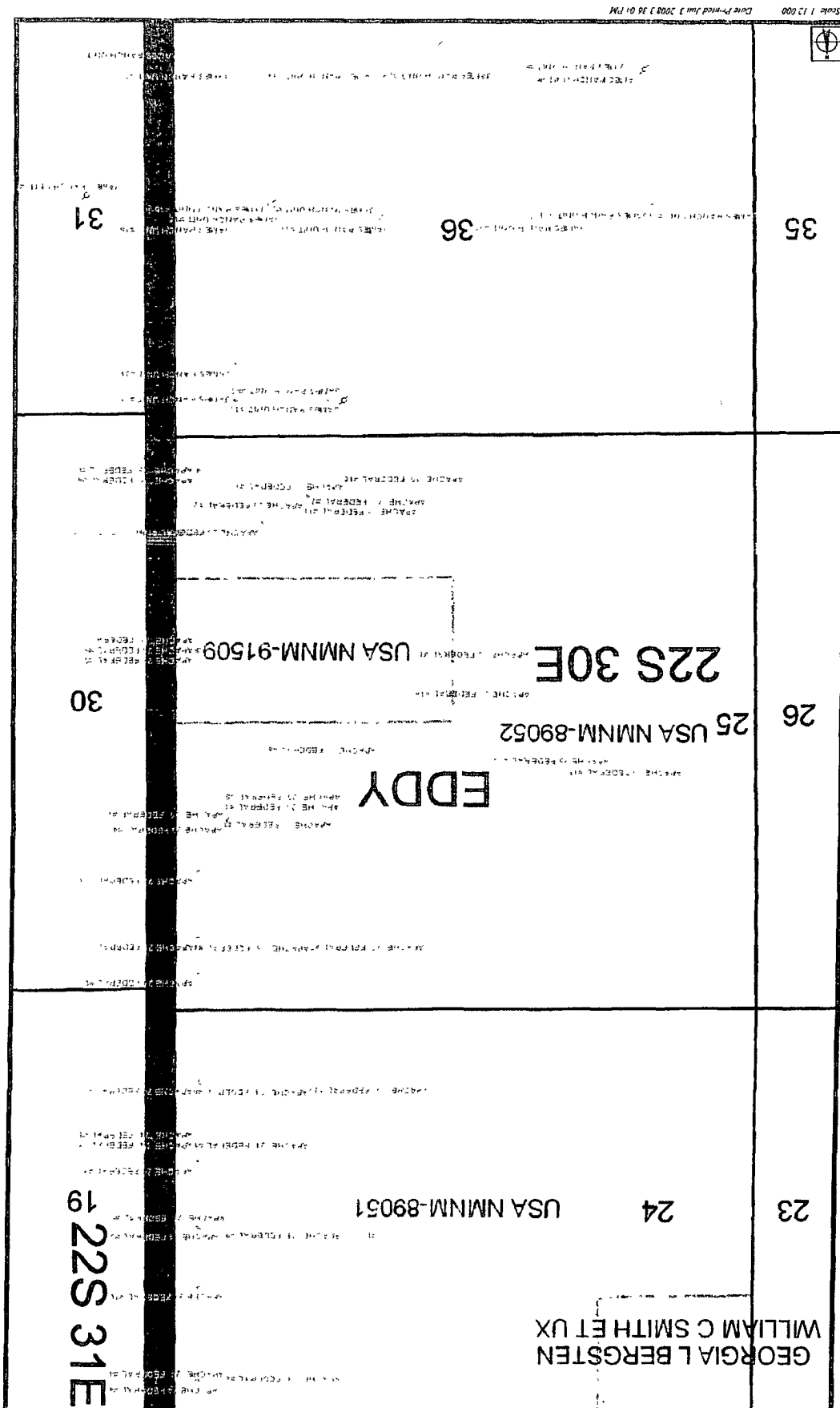
DEVON ENERGY PRODUCTION CO., L.P.

REF: PROPOSED PIPELINE TO THE APACHE "25" #6

A PIPELINE CROSSING U.S.A. LAND IN
SECTION 25, TOWNSHIP 22 SOUTH, RANGE 30 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 11/29/07

Sheet 1 of 1 Sheets



devon

Devon GIS Intranet Mapping

10/10/2000
10/10/2000
10/10/2000

Well Name	Date	Gas	Oil	Water
APACHE 25 FED 2	6/3/2008	48	13	24
APACHE 25 FED 5 (DEL)	6/3/2008	63	18	49
APACHE 25 FED 6	6/3/2008	56	44	70
APACHE 25 FED 9 (BONE SPRINGS) C2	6/3/2008	33	9	13
APACHE 25 FED 9 (WOLFCAMP) C1	6/3/2008	49	14	19
APACHE 25 FEDERAL 10H	6/3/2008	171	143	190

Apache 25 Federal #2, 5, 6, 9 & 10H

Devon Energy Production Company, L.P.

June 22, 2008

Condition of Approval

1. Submit Plans for removal of old flow lines and Removal of old tank battery.
2. Submit Plans for interim reclamation of existing facilities
3. This approval is subject to like approval by the New Mexico Oil Conservation Division.
4. This agency shall be notified of any spill or discharge as required by NTL-3A.
5. 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.
6. 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.
7. 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.