

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. NMNM0404441
2. Name of Operator DEVON ENERGY PRODUCTION CO. LP		6. If Indian, Allottee or Tribe Name
Contact: ERIN L WORKMAN E-Mail: ERIN.WORKMAN@DVN.COM		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 333 WEST SHERIDAN AVENUE OKC, OK 73102	3b. Phone No. (include area code) Ph: 405-552-7970	8. Well Name and No. TODD 14K FED 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T23S R31E 1980FSL 1980FWL		9. API Well No. 30-015-20298
		10. Field and Pool, or Exploratory INGLE WELLS; DELAWARE
		11. County or Parish, and State EDDY 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	Off-Lease Measurement	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Surface Commingling	

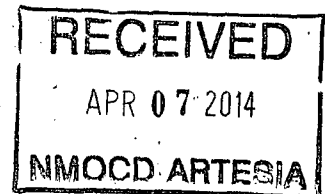
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 recompletion 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 Company, LP respectfully requests permission for the CTB, Pool/Lease Commingle, Off-Lease Measurement, Sales, & Storage of the following:

See attached a list of the wells included and a description of the proposed or completed operations.

Thank you!

Accepted for record SEE ATTACHED FOR
NMOCD 705 CONDITIONS OF APPROVAL
4/7/14



14. I hereby certify that the foregoing is true and correct. Electronic Submission #192465 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO., LP; sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 02/06/2013 ()	
Name (Printed/Typed) ERIN L WORKMAN	Title REGULATORY COMPLIANCE ASSOC.
Signature (Electronic Submission)	Date 01/30/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>J. E. Whitford</i>	Title EPS	Date 4/2/14
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 **

**Todd 14 & Barclay 11
CTB, PLC, OLM**

Sec. 14-T23S-R31E

01/21/13

Todd 14B Federal 3	API: 30-015-32777	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-533177A *
Todd 14G Federal 7	API: 30-015-33213	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-533177A
Todd 14H Federal 8	API: 30-015-34303	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-533177A
Todd 14I Federal 9	API: 30-015-32152	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-0404441
Todd 14J Federal 10	API: 30-015-32625	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-0404441
Todd 14K Federal 1	API: 30-015-20298	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-0404441 *
Todd 14N Federal 14	API: 30-015-32628	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-0404441
Todd 14O Federal 15	API: 30-015-32153	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-0404441
Todd 14P Federal 16	API: 30-015-31884	Sec. 14-T23S-R31E	Pool: 33745 – Ingle Wells, Delaware	Lease: NM-0404441
Barclay 11G Federal 7	API: 30-015-27622	Sec. 11-T23S-R31E	Pool: 96149 – Livingston, Delaware, South	Lease: NM-0404441
Barclay 11K Federal 11	API: 30-015-32304	Sec. 11-T23S-R31E	Pool: 96149 – Livingston, Delaware, South	Lease: NM-0404441
Barclay 11M Federal 13	API: 30-015-37580	Sec. 11-T23S-R31E	Pool: 96149 – Livingston, Delaware, South	Lease: NM-0404441
Barclay 11N Federal 14	API: 30-015-32333	Sec. 11-T23S-R31E	Pool: 96149 – Livingston, Delaware, South	Lease: NM-0404441

*Previously approved Commingle ORDER CTB – 538

There will be a DCP CDP #13155051, located in Sec. 14, T23S, R31E, of Eddy County that will be utilized by all the wells listed. The gas from the Barclay wells will flow through a check Gas Meter #390-33-004 on location at the Barclay 11 G Fed 7 and then flow to the DCP CDP #13155051 at the Todd 14K Federal 1 location. The gas for the Todd wells will flow through a test gas meter #390-49-040 then to the DCP CDP #13155051 on location at the Todd 14K Federal 1. The gas at each location is allocated by monthly well test. There is a Central Tank Battery for the Barclay Wells located at the Barclay 11 G Fed 7 in Sec. 11, T23S, R31E and the wells listed are the only wells utilizing this battery at this time. There is also a Central Tank Battery for the Todd Wells located at the Todd 14K Federal 1 location in Sec. 11, T23S, R31E and the wells listed are the only wells utilizing this battery at this time.

Working, royalty, and overriding interest owners are not identical; parties have been notified via certified mail (see attached).

APPLICATION FOR CENTRAL TANK BATTERY, POOL/LEASE COMMINGLE, OFF LEASE MEASUREMENT, SALES AND/OR STORAGE

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

Application proposal for Todd & Barclay leases:

Devon Energy Production Company, LP is requesting approval for Central Tank Battery, Pool/Lease Commingle, Off Lease Measurement, Sales, and/or Storage from the following wells and pools. **This is an amendment to the previously approved Commingle Order CTB-538.**

Federal Lease NMNM-0533177A

Well Name	Location	API #	Pool 33745	BOPD	OG	MCFPD	BTU
Todd 14B Fed 3	14-T23S-R31E	30-015-32777	Ingle Wells; Delaware	6	38	7.35	1401.30
Todd 14G Fed 7	14-T23S-R31E	30-015-33213	Ingle Wells; Delaware	6	37	2.45	1315.99
Todd 14H Fed 8	14-T23S-R31E	30-015-34303	Ingle Wells; Delaware	24	43	45.34	1389.16

Federal Lease NMNM-0404441

Well Name	Location	API #	Pool 33745	BOPD	OG	MCFPD	BTU
Todd 14I Fed 9	14-T23S-R31E	30-015-32152	Ingle Wells; Delaware	12	37	29.41	1382.19
Todd 14J Fed 10	14-T23S-R31E	30-015-32625	Ingle Wells; Delaware	13	37	50.24	1385.72
Todd 14K Fed 1	14-T23S-R31E	30-015-20298	Ingle Wells; Delaware	16	38	15.93	1385.53
Todd 14N Fed 14	14-T23S-R31E	30-015-32628	Ingle Wells; Delaware	9	38	18.38	1500.24
Todd 14O Fed 15	14-T23S-R31E	30-015-32153	Ingle Wells; Delaware	9	39	26.96	1338.94
Todd 14P Fed 16	14-T23S-R31E	30-015-31884	Ingle Wells; Delaware	11	39	49.02	1361.29

Federal Lease NMNM-0404441

Well Name	Location	API #	Pool 96149	BOPD	OG	MCFPD	BTU
Barclay 11G Fed 7	11-T23S-R31E	30-015-27622	Livingston, Delaware South	5	37	12.14	1325.27
Barclay 11K Fed 11	11-T23S-R31E	30-015-32304	Livingston, Delaware South	12	33	13.66	1308.97
Barclay 11M Fed 13	11-T23S-R31E	30-015-37580	Livingston, Delaware South	7	39	18.22	1316.19
Barclay 11N Fed 14	11-T23S-R31E	30-015-32333	Livingston, Delaware South	5	37	12.98	1302.05

***All gas is commingled, but only Todd 14 wells are commingling oil from 2 leases.**

Exhibit A is a map that displays the Federal leases and well locations in Section 14 & 11-T23S-R31E. The working interest, royalty interest and overriding royalty interest owners are not identical; parties have been notified via certified mail (see attached).

Oil & Gas metering for the Barclay 11 Wells:

Oil, gas, and water volumes from each well producing to this battery will be determined by using a Test Heater Treater (H/T) at the proposed facility so that one well is always producing through the testing equipment. Production will be allocated on a monthly basis based on the most recent individual well test of oil, gas, and water. The length of time is 24 hours per well.

The testing well's gas from the Test Heater/Treater (H/T) leaves the device and goes through the Barclay 11 G Fed 7 test gas meter #390-49-107 which measures the gas from the well on test. The gas from the well on test then routes to the DCP CDP gas sales meter 13155051 where total gas for the facility is metered and the custody transfer is made. The individual test well's daily Barclay 11 G Fed 7 gas test meter data is recorded for later utilization for gas allocation. It's an EFM and meter rolls over at 12 midnight.

The testing well's oil from the Test Heater/Treater (H/T) enters the Oil test line and can enter either one (pre-selected) of the 500 bbl oil tanks. During testing, the test well's oil will enter one of the 500 bbl oil tanks with the remaining well(s) oil entering the other 500 bbl oil tank. An individual 24 hour oil test will be recorded for later utilization for oil allocation. The testing well's water from the Test Heater/Treater (H/T) exits the bottom of the (H/T) vessel and enters the 500 bbl water tank.

The non-testing well(s) produced gas then exits the H/T and routes to the Barclay 11 G Fed 7 Check Gas Meter #390-33-004 before flowing to the DCP CDP Gas Sales Meter #13155051. The non-testing well(s) produced oil exits the H/T and routes to the 500 bbl oil tank that has not been isolated for the testing well. The non-testing well(s) water exits the bottom of the H/T and enters the 500 water tank.

There is a central tank battery for the Barclay wells located at the Barclay 11 G Federal 7 location and these are the only wells utilizing this battery.

Oil & Gas metering for the Todd 14 Wells:

Oil, gas, and water volumes from each well producing to this battery will be determined by using a separator at the proposed facility so that one well is always producing through the testing equipment. Production will be allocated on a monthly basis based on the most recent individual well test of oil, gas, and water. We will utilize the subtraction method by subtracting the test and VRU test from the DCP CDP for allocation purposes. Well tests for each well will be conducted at least once per month, for a minimum of 24 hours.

The testing well's gas from the separator leaves the device and goes through the Todd 14 Test Gas Meter # 390-49-040 which measures the gas from the well on test. The gas from the well on test then routes to the DCP CDP gas sales meter #13155051 where total gas for the facility is metered and the custody transfer is made. The individual test well's daily Todd 14 Test Gas meter data is recorded for later utilization for gas allocation. It's an EFM and meter rolls over at 12 midnight.

The testing well's oil from the separator flows to the Heater Treater, and enters the designated test 500 bbl oil tank. An individual 24 hour oil test will be recorded for later utilization for oil allocation. The oil is sold by LACT # 422093. The water enters the test separator, flows to the Heater Treater, then through turbine meter, and enters the 500 bbl water tank, along with the other wells water.

The non-testing well(s) produced gas exits the separator, commingles with other wells, and routes then to the DCP CDP Gas Sales Meter #13155051. The non-testing well(s) produced oil exits the separator and routes to the 500 bbl oil tank that has not been isolated for the testing well. The non-testing well(s) water exits the bottom of the separator and enters the 500 bbl water tank.

There is also a central tank battery for the Todd wells located on the Todd 14K Federal 1 location and the Todd 14 Federal wells listed are the only wells utilizing this tank battery at this time. Previous approval was granted to surface commingle the gas for the Todd 14 Fed 1, 2, and 3 under Commingling Order CTB-538.


The BLM's interest in these wells, are the same and the BTU's are equivalent. Waste is not induced and no correlative rights are impaired. These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The BLM and OCD will be notified of any future changes in the facilities.

Process and Flow Descriptions:

Please see attached diagram for the Barclay and Todd production facilities. The flow of produced fluids is shown in detail along with a description of each vessel on Exhibit C & D. The benefit of surface commingling is that all the wells are within Sec 11 & 14, T23S, R31E, and the Todd 14 wells will have one facility that will handle the production for all the Todd 14 Wells. The Barclay wells will also have only one facility that will handle the production. Reduced liability with primary exposure to one facility and reduced lease road/location maintenance due to time/wear-n-tear needing spent at each well's location. This will also lessen the surface disturbance due to having all the production at one facility.

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.

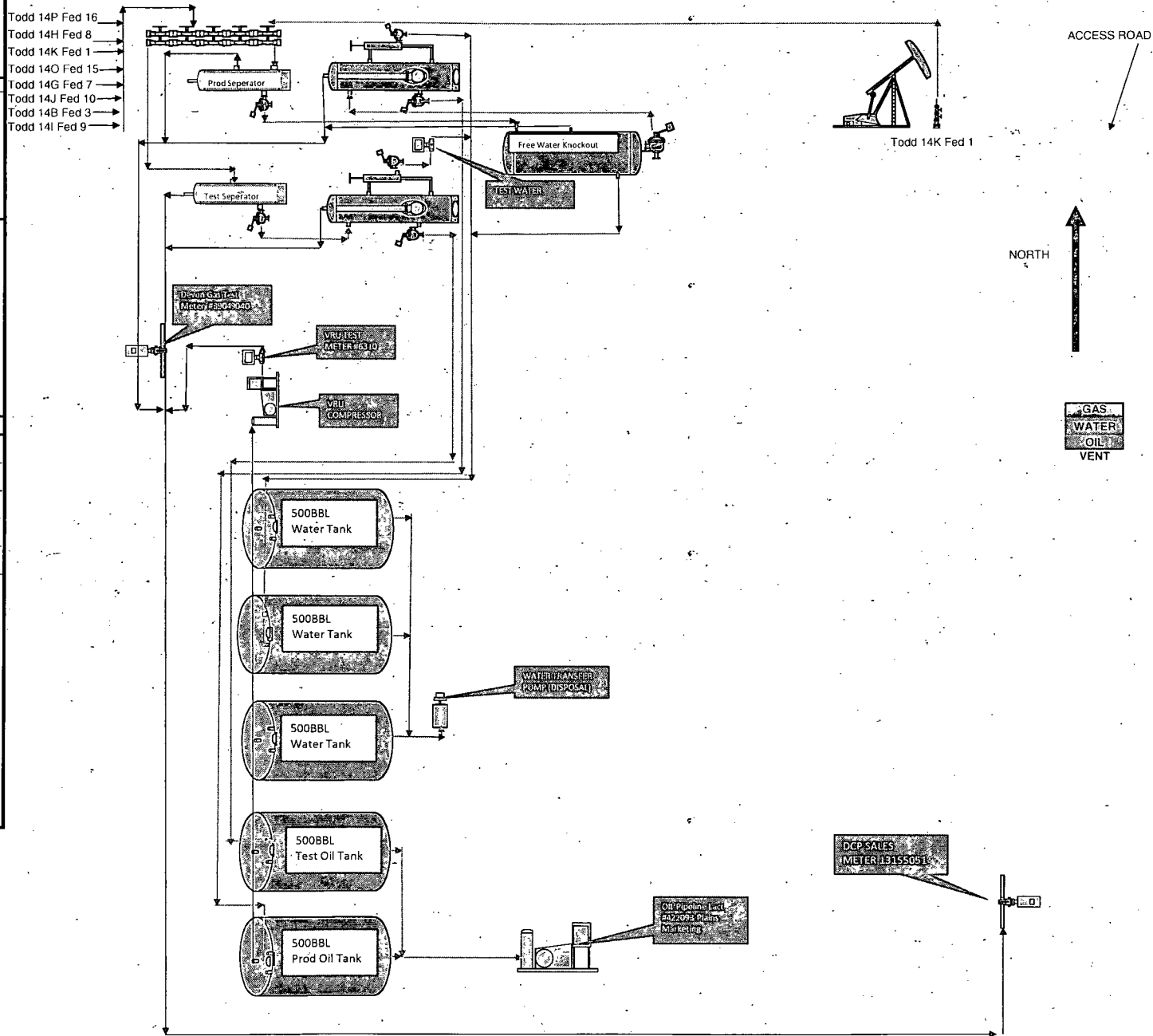
Signed:


Printed Name: Erin Workman

Title: Regulatory Compliance Associate

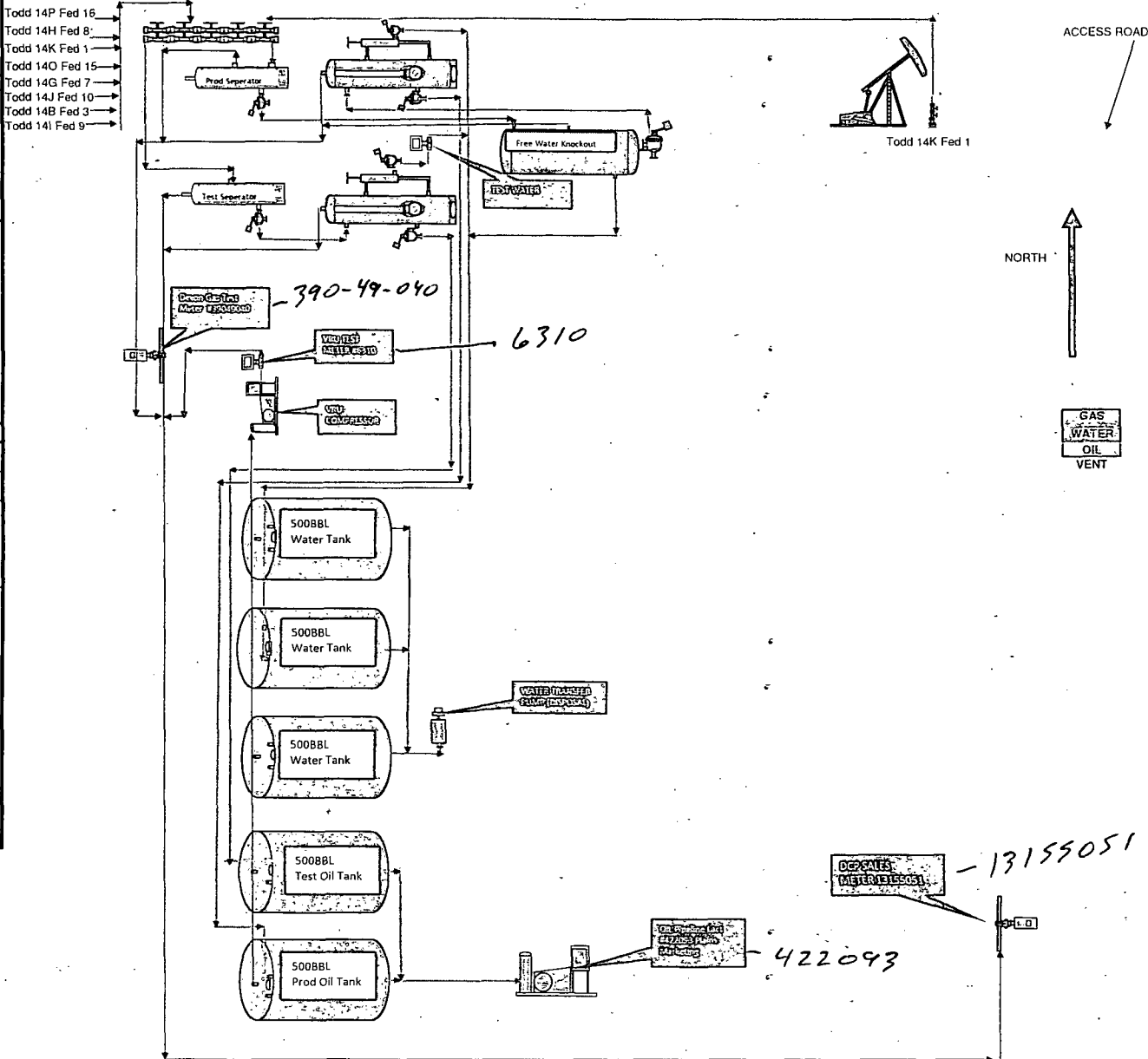
Date: 01/16/12

Todd 14 Battery Sec. 14-T23S-R31E 1980' FSL & 1980' FWL WESW Eddy County New Mexico 30-015-20298	
Production System:	Open
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. 1 (2) Valve 3 sealed closed. 2 (3) Valve 4 sealed closed. 3 (4) Valve 5 sealed closed. 4 (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. 2	
Ledger for Site Diagram	
Valve #1:	Production Line 1
Valve #2:	Test or Roll Line 2
Valve #3:	Equalizer Line 3
Valve #4:	Circ./Drain Line 4
Valve #5:	Sles Line 5
Valve #6:	BS&W Load Line 6
Buried Lines:	-----
Firewall:	
Wellhead:	⊗
Stak-pak:	
Production line:	_____
Water line:	-----
Gas Meter	A M C



Todd 14P Fed 16 →
Todd 14H Fed 8 →
Todd 14K Fed 1 →
Todd 14O Fed 15 →
Todd 14G Fed 7 →
Todd 14J Fed 10 →
Todd 14B Fed 3 →
Todd 14I Fed 9 →

Gas meter: ☐ A ☐ M ☐ S



Barclay 11 G Federal 7
Sec. 11-23S-31E
1980'FEL &1980FNL
Eddy County, New Mexico
API: 30-015-27622

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. 

Ledger for Site Diagram

Valve #1: Production Line 

Valve #2: Test or Roll line 

Valve #3: Equalizer Line 

Valve #4: Circ./Drain Line 

Valve #5: Sales Line 

Valve #6: BS&W Load Line 

Buried Lines: -----

Firewall: 

Wellhead: 

Stak-pak: 

Production line: -----

Water line: -----

Gas Meter   

DCP CDP Gas Sales Meter #13155051

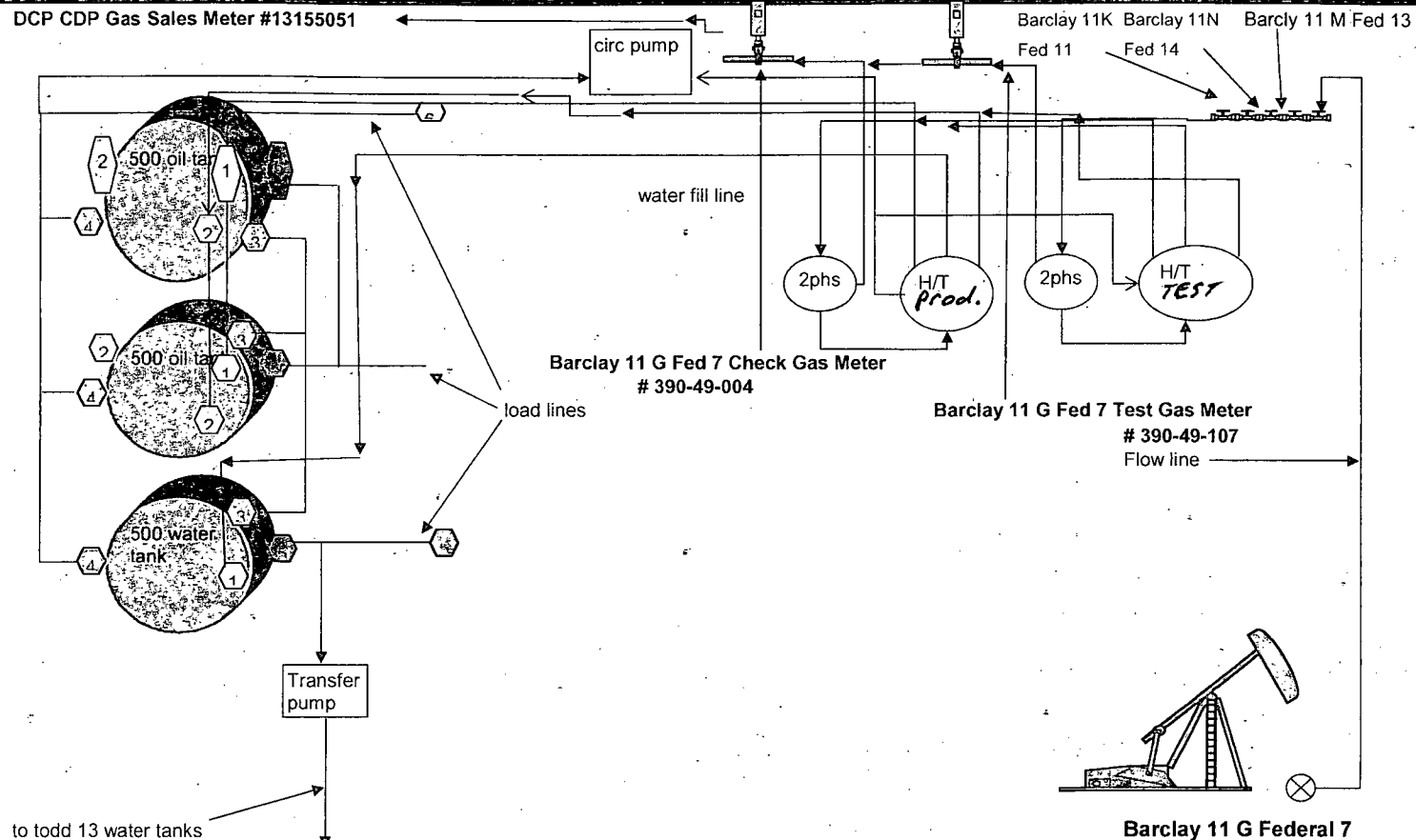


EXHIBIT C



bing

Image courtesy of USGS State of Michigan ©AND

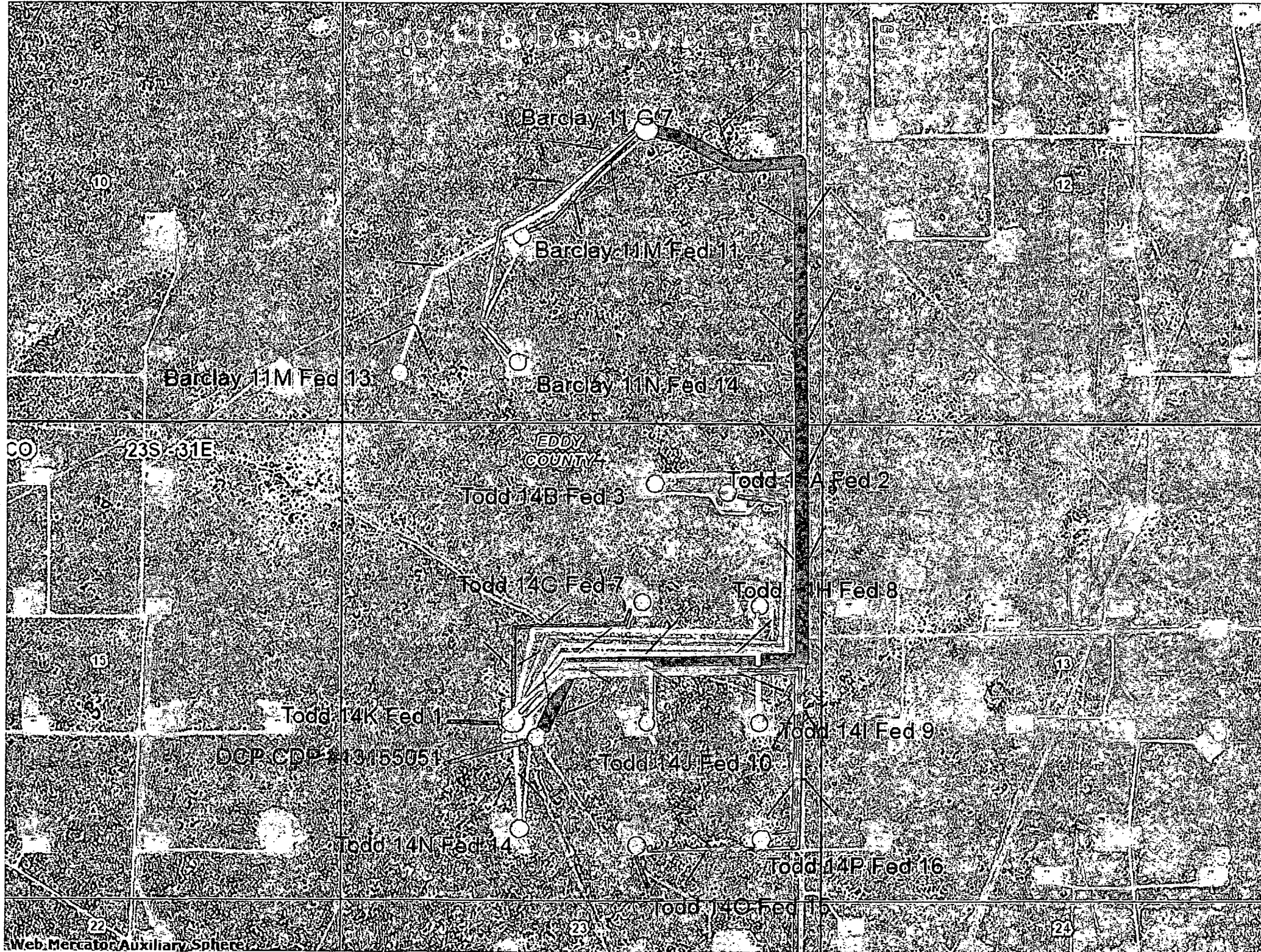


EXHIBIT A

2

1

Barclay 11G Fed 7

11

12

Barclay-11K Fed 11

Barclay 11M Feb 13

Barclay 11N Fed 14

Todd 14B Fed 3

USA NMNM 0 533177 A

~~Toad~~ 14G Fed 7

Todd 14H Feb 8

23S 31E

15

13

Mod 14K Fed 1

Todd 14J Fed 10

USA-NMNM 0404441

Todd 141 Fed g

Todd 140 Fed 15

Todd 14N Fed 14

Todd 14P Feb 1

22

23

24

Economic Justification Report

Todd 14 Battery - Updated

Value (bbl): \$96.43

Value (mcf): \$6.94

Well Name & Number	Type	Fed Lease 1	Royalty Rate	Fed Lease 2 (if applicable)	Royalty Rate	Fed Lease 3 (if applicable)	Royalty Rate	BOPD	Oil Gravity @ 60°	MCFPD	Dry BTU
Todd 14 B Fed 3	Sweet	NMNM533177A	12.50%					6	38	7.35	1401.3
Todd 14G Fed 7	Sweet	NMNM533177A	12.50%					6	37	2.45	1315.99
Todd 14H Fed 8	Sweet	NMNM533177A	12.50%					24	43	45.34	1389.16
Todd 14I Fed 9	Sweet	NMNM533177A	12.50%					12	37	29.41	1382.19
Todd 14J Fed 10	Sweet	NMNM404441	12.50%					13	37	50.24	1385.72
Todd 14K Fed 1	Sweet	NMNM404441	12.50%					16	38	15.93	1385.53
Todd 14N Fed 14	Sweet	NMNM404441	12.50%					9	38	18.38	1500.24
Todd 14O Fed 15	Sweet	NMNM404441	12.50%					9	39	26.96	1338.94
Todd 14P Fed 16	Sweet	NMNM404441	12.50%					11	39	49.02	1361.29
Barclay 11G Fed 7	Sweet	NMNM404441	12.50%					5	37	12.14	1325.27
Barclay 11K Fed 11	Sweet	NMNM404441	12.50%					12	33	13.66	1308.97
Barclay 11M Fed 13	Sweet	NMNM404441	12.50%					7	39	18.22	1316.19
Barclay 11N Fed 14	Sweet	NMNM404441	12.50%					5	37	12.98	1302.05

Signed:

Erin Workman

Date: 4/1/2014

Printed Name: Erin Workman

Title: Regulatory Compliance Associate

Economic Combined Production

BOPD	Oil Gravity @ 60°	MCFPD	Dry BTU
135.0	38.3	302.1	1370.8

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 12/10/13 01:46 PM

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01 02-25-1920;041STAT0437;30USC226

Total Acres
800.000

Serial Number
NMNM-- 0 533177A

Case Type 311111: O&G LSE NONCOMP PUB LAND

Commodity 459: OIL & GAS L

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- 0 533177A

Name & Address	Int Rel	%Interest
COX & PERKINS EXPL 6363 WOODWAY DR STE 1100	HOUSTON TX 770571796	OPERATING RIGHTS 0.000000000
DEVON ENERGY PROD CO LP 333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	OPERATING RIGHTS 0.000000000
MOBIL PROD TX & NM 12450 GREENSPOINT DR	HOUSTON TX 770601991	LESSEE 100.000000000

Serial Number: NMNM-- 0 533177A

Mer Twp Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23 0230S 0310E 013	ALIQ	SE;			CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGM
23 0230S 0310E 014	ALIQ	N2;			CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGM
23 0230S 0310E 024	ALIQ	E2;			CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGM

Serial Number: NMNM-- 0 533177A

Act Date	Code	Action	Action Remarks	Pending Office
03/18/1964	387	CASE ESTABLISHED		
04/01/1964	496	FUND CODE	05;145003	
04/01/1964	530	RLTY RATE - 12 1/2%		
04/01/1964	868	EFFECTIVE DATE		
04/13/1964	140	ASGN FILED	SOLSBERY/SOCONY MOBIL	
05/01/1964	553	CASE CREATED BY ASGN	OUT OF NMNM0533177;	
07/27/1966	940	NAME CHANGE RECOGNIZED	SOCONY MOBIL/MOBIL OI	
12/01/1970	246	LEASE COMMITTED TO CA	SW 602	
12/09/1970	500	GEOGRAPHIC NAME	UNDEFINED FIELD;	
12/09/1970	510	KMA CLASSIFIED		
01/18/1971	315	RENTAL RATE DET/ADJ	\$2.00;	
06/28/1971	932	TRF OPER RGTS FILED	TX AMER OIL/R ZONNE	
07/08/1971	932	TRF OPER RGTS FILED	(1)MOBIL/TX AMER OIL	
07/08/1971	932	TRF OPER RGTS FILED	(2)MOBIL/TX AMER OIL	
07/08/1971	932	TRF OPER RGTS FILED	(3)MOBIL/TX AMER OIL	
07/09/1971	102	NOTICE SENT-PROD STATUS		
05/19/1972	899	TRF OF ORR FILED		
05/19/1972	932	TRF OPER RGTS FILED	TX AMER OIL/C MATEER	
05/19/1972	932	TRF OPER RGTS FILED	TX AMER OIL/EXPL	
05/19/1972	932	TRF OPER RGTS FILED	TX AMER/GIFFORD&MITCH	
11/21/1972	933	TRF OPER RGTS APPROVED	(1)EFF 06/01/72;	
11/21/1972	933	TRF OPER RGTS APPROVED	(1)EFF 08/01/71;	
11/21/1972	933	TRF OPER RGTS APPROVED	(2)EFF 06/01/72;	
11/21/1972	933	TRF OPER RGTS APPROVED	(2)EFF 08/01/71;	
11/21/1972	933	TRF OPER RGTS APPROVED	(3)EFF 06/01/72;	
05/08/1973	933	TRF OPER RGTS APPROVED	EFF 08/01/71;	

NO WARRANTY IS MADE BY BLM
FOR USE OF THE DATA FOR
PURPOSES NOT INTENDED BY BLM

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 12/10/13 01:53 PM

Page 1 of 6

01 02-25-1920;041STAT0437;30USC226

Total Acres
1,440.000

Serial Number
NMNM-- 0 404441

Case Type 311111: O&G LSE NONCOMP PUB LAND

Commodity 459: OIL & GAS

L

Case Disposition: AUTHORIZED

Case File Juris:

Serial Number: NMNM-- 0 404441

Name & Address			Int Rel	%Interest
COX & PERKINS EXPL	6363 WOODWAY DR STE 1100	HOUSTON TX 770571796	OPERATING RIGHTS	0.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	OPERATING RIGHTS	0.000000000
MARATHON OIL CO	PO BOX 3128	HOUSTON TX 772533128	LESSEE	100.000000000

Serial Number: NMNM-- 0 404441

Mer Twp Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23 0230S 0310E 011		ALIQ		ALL;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGM
23 0230S 0310E 013		ALIQ		N2,SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGM
23 0230S 0310E 014		ALIQ		S2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGM

Serial Number: NMNM 0404441

Relinquished/Withdrawn Lands

23 0230S 0310E 710	FF	SESE,REJ;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGM
23 0230S 0310E 715	FF	ALL,REJ;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGM

Serial Number: NMNM-- 0 404441

Act Date	Code	Action	Action Remarks	Pending Office
05/27/1963	124	APLN RECD		
05/27/1963	929	NEW PRIORITY ESTABLISHED		
06/20/1963	126	APLN REJ/DEN IN PART		
06/20/1963	237	LEASE ISSUED	SEC 17;	
07/01/1963	496	FUND CODE	05;145003	
07/01/1963	530	RLTY RATE - 12 1/2%		
07/01/1963	868	EFFECTIVE DATE		
07/22/1963	140	ASGN FILED	DOOLITTLE/MARATHON	
07/26/1963	139	ASGN APPROVED	EFF 08/01/63;	
06/01/1970	899	TRF OF ORR FILED	(1)	
06/01/1970	899	TRF OF ORR FILED	(2)	
12/01/1970	246	LEASE COMMITTED TO CA	SW 602	
12/09/1970	500	GEOGRAPHIC NAME	UNDEFINED FLD;	
12/09/1970	510	KMA CLASSIFIED		
01/18/1971	315	RENTAL RATE DET/ADJ	\$2.00;	
06/28/1971	932	TRF OPER RGTS FILED	MARATHON/TX AMER OIL	
06/28/1971	932	TRF OPER RGTS FILED	ZONNE/MATEER	
07/08/1971	932	TRF OPER RGTS FILED	MARATHON/TX AMER OIL	
12/21/1971	957	TRF OPER RGTS DENIED	ZONNE/MATEER	
05/19/1972	899	TRF OF ORR FILED		
05/19/1972	932	TRF OPER RGTS FILED	MARATHON/TX AMER OIL	
05/19/1972	932	TRF OPER RGTS FILED	TX AMER OIL/C MATEER	
11/21/1972	933	TRF OPER RGTS APPROVED	(1)EFF 06/01/72;	
11/21/1972	933	TRF OPER RGTS APPROVED	(2)EFF 06/01/72;	
11/21/1972	933	TRF OPER RGTS APPROVED	EFF 07/01/71;	

**NO WARRANTY IS MADE BY BLM
FOR USE OF THE DATA FOR
PURPOSES NOT INTENDED BY BLM**



Devon Energy Production Company
333 W. Sheridan Avenue
Oklahoma City, Oklahoma 73102
Phone: (405)-552-7970
Erin.workman@dev.com

January 21, 2013

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Interest Owners

Re: Central Tank Battery, Pool/Lease Commingling, Off Lease Measurement, Sales, & Storage
Todd 14B Federal 3, Todd 14G Federal 7, Todd 14H Federal 8, Todd 14I Federal 9, Todd 14J
Federal 10, Todd 14K Federal 1, Todd 14 N Federal 14, Todd 14O Federal 15, Todd 14P Federal 16,
Barclay 11G Federal 7, Barclay 11K Federal 11, Barclay 11M Federal 13, & Barclay 11N Federal 14
API # 30-015-32777, 30-015-33213, 30-015-34303, 30-015-32152,
30-015-32625, 30-015-20298, 30-015-32628, 30-015-32153, 30-015-31884,
30-015-27622, 30-015-32034, 30-015-37648, 30-015-32333,
30-015-35063, 30-015-35071, & 30-015-35423
Sec 14-T23S-R31E & Sec 14-T23S-R31E
Lease NMNM-533177A & Lease NMNM-0404441
Ingle Wells, Delaware - Pool Code: 33745
Livingston Ridge, Delaware, South - Pool Code: 96149
Lea 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 for Central Tank Battery, Pool/Lease Commingling, Off Lease Measurement, Sales & Storage. This is to amend the previously approved Commingle Order CTB-535.

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) 552-7970 should you have any questions or need anything further.

Sincerely,

Devon Energy Production Company, L.P.

Erin Workman
Regulatory Compliance Associate

Enclosure

Bascom Mitchell Family Partnership, L.P.
No. 1 Live Oak
Midland, TX 79705

Certified Mailing
Number: 7009 3410
0000 3537 4606

Joe N Gifford
P.O. Box 51187
Midland, TX 79710-1187

Certified Mailing
Number: 7009 3410
0000 3537 4613

Mary Patricia Dougherty Trust
c/o Northern Bank of Texas, Attn: David J Parker
2701 Kirby Drive
Houston, TX 77098

Certified Mailing
Number: 7009 3410
0000 3537 4620

Obie & Company
c/o JPMorgan Chase Bank, Attn: H.L. Tompkins
600 Travis Street, 3rd Floor
Houston, TX 77252

Certified Mailing
Number: 7009 3410
0000 3537 4637

Thomas E. Kelly
TEK Properties Ltd.
The Highlands
Seattle, WA 98177

Certified Mailing
Number: 7009 3410
0000 3537 4644

Otto E. Schroeder, Jr.
2015 Channing Park
Arlington, TX 76013

Certified Mailing
Number: 7009 3410
0000 3537 4651

Catherine M. Grace
c/o Dan Serna & Company
6031 W. I-20, Suite 251
Arlington, TX 76017

Certified Mailing
Number: 7009 3410
000 3537 4668

Miranda Energy Corporation
24 Smith Road, Suite 601
Midland, TX 79705

Certified Mailing
Number: 7009 3410
0000 3537 4675

L. Edward Innerarity, Jr.
600 N. Marienfeld, Suite 456
Midland, TX 79701

Certified Mailing
Number: 7009 3410
0000 3537 4682

Marathon Oil Company
Attn: Robert Angel
PO Box 3125
Houston, TX 77253-31287

Certified Mailing
Number: 7005 1160
0005 1809 5934

Patti MacDonald
P.O. Box 8902
Midland, TX 79708-8902

Certified Mailing
Number: 7005 1160
0005 1809 5842

Patti MacDonald Family Trust
P.O. Box 8902
Midland, TX 79708-8902

Certified Mailing
Number: 7005 1160
0005 1809 5859

Mary Margaret Olson Trust
c/o Dan Serna & Co.
6031 West I-20, Suite 251
Arlington, TX 76017

Certified Mailing
Number: 7005 1160
0005 1809 5866

Callie Ann Innerarity Trust
Kelly Innerarity, Trustee
P.O. Box 159
Rosanky, TX 78953

Certified Mailing
Number: 7005 1160
0005 1809 5873

Thomas F Hastings, Sr.
14254 Misty Meadow
Houston, TX 77079

Certified Mailing
Number: 7005 1160
0005 1809 5880

Mabee Flynt Lease Trust
11010 Crestmore
Houston, TX 77079

Certified Mailing
Number: 7005 1160
0005 1809 5897

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

Certified Mailing
Number: 7009 3410
000 3537 4460

Georgia B. Bass
6203 Alden Bridge Dr. Apt 7201
The Woodlands, TX 77382

Certified Mailing
Number: 7006 2760
0003 6282 7477

Patricia Kay Lorenz
8100 S. Padre Island Dr #18
Corpus Christi, TX 78412

Certified Mailing
Number: 7006 2760
0003 6282 7484

Morris E. Schertz
PO Box 2588
Roswell, NM 88202

Certified Mailing
Number: 7006 2760
0003 6282 7491

Richard C. Gibson
P.O. Box 3817
Midland, TX 79702

Certified Mailing
Number: 7006 2760
0003 6283 2433

George Karabatsos
2220 Bering Dr., #30
Houston, TX 77057

Certified Mailing
Number: 7009 3410
0000 3537 7508

Figure 4 Investment Trust
11010 Crestmore
Houston, TX 77096

Certified Mailing
Number: 7009 3410
0000 3537 4705

Patricia B. Young Management
1st National Bank & Trust Company of Okmulgee
P.O. Box 1037
Okmulgee, OK 74447

Certified Mailing
Number: 7009 3410
0000 3537 4712

Linda Kay Neighbors
1711 Douglas Ave.
Midland, TX 79701

Certified Mailing
Number: 7009 3410
0000 3537 4729

Alfred Giles IV.
P.O. Box 503060
Austin, TX 78763

Certified Mailing
Number: 7009 3410
0000 3537 4736

Patti MacDonald Family Trust
P.O. Box 8902
Midland, TX 79708-8902

Certified Mailing
Number: 7009 3410
0000 3537 4743

John Geoffrey Giles
2600 Escondido Cove
Austin, TX 78703

Certified Mailing
Number: 7009 3410
0000 3537 4422

Lorraine L. Johnson Living Trust
Farmer's National Co. Agent
P.O. Box 3480
Omaha, NE 68103

Certified Mailing
Number: 7009 3410
0000 3537 4439

Richard Donald Jones
200 N. Gaines Road
Cedar Creek, TX 78612

Certified Mailing
Number: 7009 3410
0000 3537 4453

Shogail & Gas Co LLC
P.O. Box 209
Hay Springs, NW 69347

Certified Mailing
Number: 7009 3410
0000 3537 4477

Shogail & Gas Co II LLC
P.O. Box 29450
Santa Fe, NM 87592

Certified Mailing
Number: 7009 3410
0000 3537 4484

Esther Abell Denton
c/o Bill Wiggins
P.O. Box 24
Midland, TX 79702

Certified Mailing
Number: 7009 3410
0000 3537 4491

Jadt Minerals Ltd.
P.O. Box 190229
Dallas, TX 75219-0229

Certified Mailing
Number: 7009 3410
0000 3537 4507

Baloney Feathers Ltd.
P.O. Box 1586
Lubbock, TX 79408

Certified Mailing
Number: 7009 3410
0000 3537 4514

Jay Lee Touchstone Trust
Attn: Tom Williams
10000 Memorial Dr., Suite 650
Houston, TX 77024

Certified Mailing
Number: 7009 3410
0000 3537 4538

Truman Estes Touchstone
Attn: Tom Williams
10000 Memorial Dr., Suite 650
Houston, TX 77024

Certified Mailing
Number: 7009 3410
0000 3537 4545

Carol Lynn Robertson
321 Sharondale Dr.
El Paso, TX 79912

Certified Mailing
Number: 7006 2760
0003 6282 7453

Michael Shearn
4120 Rio Bravo 305
El Paso, TX 79902

Certified Mailing
Number: 7006 2760
0003 6282 7460

Margaret A Summerford Rogers
509 Satellite Dr.
El Paso, TX 79912

Certified Mailing
Number: 7006 2760
0003 6282 7361

AG Andrikopoulos Resource Inc.
P.O. Box 788
Cheyenne, WY 82003-0788

Certified Mailing
Number: 4006 2760
0003 6283 2440

Cargoil & Gas Co LLC
P.O. Box 29450
Santa Fe, NM 87592-9450

Certified Mailing
Number: 7009 2460
0003 6282 7149

Michael Shearn
PO Box 10120
El Paso, TX 79995-0120

Certified Mailing
Number: 7006 2760
0003 6282 7156

Baloney Feathers Ltd.
PO Box 1586
Albuquerque, NM 87120

Certified Mailing
Number: 7010 1060
0000 0917 5629

Figure 4 Investment Trust
PO Box 12019
Austin, TX 78711-2019

Certified Mailing
Number: 7010 1060
0000 0917 5612

Patricia Kay Lorenz
12759 E. Red Iron Trail
Vail, AZ 85641

Certified Mailing
Number: 7010 1060
0000 0917 5605

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
---------	----------	----------	-----------	------	---------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



ADMINISTRATIVE APPLICATION CHECKLIST

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.

Erin Workman
Print or Type Name

Signature

Regulatory Compliance Associate
Title

01/16/13
Date

Erin.Workman@dmv.com
E-mail Address

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. Commingling Order -538
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
Ingle Wells, Delaware - 33745		40.6/BTU: 1263.45			
Livingston Ridge, Delaware, S - 96149		41.2/BTU: 1333.22			

- (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 (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: Erin Workman TITLE: Regulatory Compliance Associate DATE: 01/16/13

TYPE OR PRINT NAME: Erin Workman TELEPHONE NO: (405) 552-7970

E-MAIL ADDRESS: Erin.Workman@dmn.com

Galaxie Chromatography Data System

Natural Gas Analysis Report

Run File DEVON_10_7_15_2011 11_58_53 AM.DATA
 Method BTUC6+
 Operator PGM
 Company Name DEVON ENERGY
 Location ID 39049040
 Sample Date 7/13/2011

Analysis Date 7/15/2011
 Lease Name TODD K FED 1
 Effective Date 7/13/2011
 Pulled Data PRESS 90 TEMP 103

Todd 14 K Fed #1

Component	Mole %	BTU	GPM
NITROGEN	5.0051	0.00	0.0000
CARBON DIOXIDE	0.0579	0.00	0.0000
METHANE	65.5688	663.78	0.0000
ETHANE	12.8775	228.42	3.4417
PROPANE	10.2794	259.25	2.8302
I-BUTANE	1.0893	35.51	0.3563
N-BUTANE	2.7487	89.88	0.8665
I-PENTANE	0.7453	29.89	0.2727
N-PENTANE	0.7083	28.46	0.2565
C6+	0.9197	43.80	0.3961
Totals	100.0000	1,378.98	8.4201

Specific Gravity from Composition 0.8489

BTUs @ 14.730 Saturated (Ideal) 1354.98 BTUs @ 14.730 Saturated (Real) 1361.41

BTUs @ 14.730 Dry (Ideal) 1378.98 BTUs @ 14.730 Dry (Real) 1385.53

Compressibility 0.99527

7/15/2011

Galaxie Chromatography Data System

Natural Gas Analysis Report

Run File	DEVON_13_7_15_2011 12_31_42 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/15/2011
Company Name	DEVON ENERGY	Lease Name	TODD 14K FED 3
Location ID	39049040	Effective Date	7/13/2011
Sample Date	7/13/2011	Pulled Data	PRESS 75 TEMP 94

Component	Mole %	BTU	GPM
NITROGEN	3.3410	0.00	0.0000
CARBON DIOXIDE	0.0730	0.00	0.0000
METHANE	66.9845	678.11	0.0000
ETHANE	13.0082	230.74	3.4766
PROPANE	10.3248	260.39	2.8427
I-BUTANE	1.1613	37.85	0.3798
N-BUTANE	2.9461	96.34	0.9288
I-PENTANE	0.7996	32.07	0.2926
N-PENTANE	0.7647	30.73	0.2769
C6+	0.5967	28.42	0.2570
Totals	100.0000	1,394.64	8.4545

Specific Gravity from Composition 0.8408

BTUs @ 14.730 Saturated (Ideal)	1370.37	BTUs @ 14.730 Saturated (Real)	1376.91
BTUs @ 14.730 Dry (Ideal)	1394.64	BTUs @ 14.730 Dry (Real)	1401.30
Compressibility	0.99525		

7/15/2011

Run File	DEVON_14_7_15_2011_12_39_27 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/15/2011
Company Name	DEVON ENERGY	Lease Name	TODD 14 K FED 7
Location ID	39049040	Effective Date	7/13/2011
Sample Date	7/13/2011	Pulled Data	PRESS 88 TEMP 94

Component	Mole %	BTU	GPM
NITROGEN	5.3228	0.00	0.0000
CARBON DIOXIDE	0.0551	0.00	0.0000
METHANE	68.8179	696.67	0.0000
ETHANE	11.9781	212.47	3.2013
PROPANE	8.8926	224.27	2.4484
I-BUTANE	0.9478	30.89	0.3100
N-BUTANE	2.3350	76.35	0.7361
I-PENTANE	0.6014	24.12	0.2201
N-PENTANE	0.5682	22.83	0.2058
C6+	0.4811	22.91	0.2072
Totals	100.0000	1,310.51	7.3289

Specific Gravity from Composition 0.8067

BTUs @ 14.730 Saturated (Ideal) 1287.71 BTUs @ 14.730 Saturated (Real) 1293.08

BTUs @ 14.730 Dry (Ideal) 1310.51 BTUs @ 14.730 Dry (Real) 1315.99

Compressibility 0.99584

7/15/2011

Run File	DEVON_15_7_15_2011 12_49_12 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/15/2011
Company Name	DEVON ENERGY	Lease Name	TODD 14 K FED 8
Location ID	39049040	Effective Date	7/13/2011
Sample Date	7/13/2011	Pulled Data	PRESS 90 TEMP 92

Component	Mole %	BTU	GPM
NITROGEN	3.1678	0.00	0.0000
CARBON DIOXIDE	0.0711	0.00	0.0000
METHANE	67.4332	682.65	0.0000
ETHANE	13.3275	236.40	3.5619
PROPANE	10.2418	258.30	2.8199
I-BUTANE	1.1171	36.41	0.3654
N-BUTANE	2.7934	91.34	0.8806
I-PENTANE	0.7085	28.41	0.2593
N-PENTANE	0.6825	27.42	0.2472
C6+	0.4572	21.77	0.1969
Totals	100.0000	1,382.71	8.3311

Specific Gravity from Composition 0.8308

BTUs @ 14.730 Saturated (Ideal) 1358.65 BTUs @ 14.730 Saturated (Real) 1364.98

BTUs @ 14.730 Dry (Ideal) 1382.71 BTUs @ 14.730 Dry (Real) 1389.16

Compressibility 0.99536

7/15/2011

Run File DEVON_25.DATA

Method BTUC6+H2S

Operator PGM

Analysis Date 7/24/2011

Company Name DEVON ENERGY

Lease Name TODD 14 K #9

Location ID 39049040

Effective Date 7/2011

Sample Date 7/2011

Pulled Data PRESS 90 TEMP 98

Component	Mole %	BTU	GPM
NITROGEN	5.3332	0.00	0.0000
CARBON DIOXIDE	0.0522	0.00	0.0000
H2S	0.0596	0.38	0.0000
METHANE	65.5321	663.41	0.0000
ETHANE	12.2907	218.01	3.2848
PROPANE	10.0985	254.69	2.7804
I-BUTANE	1.2106	39.46	0.3960
N-BUTANE	3.0282	99.02	0.9546
I-PENTANE	0.9003	36.10	0.3295
N-PENTANE	0.8793	35.33	0.3184
C6+	0.6154	29.31	0.2650
Totals	100.0000	1,375.70	8.3288

Specific Gravity from Composition 0.8501

BTUs @ 14.730 Saturated (Ideal) 1351.76 BTUs @ 14.730 Saturated (Real) 1358.14

BTUs @ 14.730 Dry (Ideal) 1375.70 BTUs @ 14.730 Dry (Real) 1382.19

Compressibility 0.99531

7/24/2011

Run File	DEVON_4_7_24_2011 2_16_26 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/24/2011
Company Name	DEVON ENERGY	Lease Name	TODD 14K #10
Location ID	39049040	Effective Date	7/2011
Sample Date	7/2011	Pulled Data	PRESS 90 TEMP 102

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
NITROGEN	4.8447	0.00	0.0000
CARBON DIOXIDE	0.0538	0.00	0.0000
METHANE	65.7892	666.01	0.0000
ETHANE	12.8437	227.82	3.4326
PROPANE	10.3563	261.19	2.8514
I-BUTANE	1.1083	36.13	0.3625
N-BUTANE	2.6855	87.81	0.8466
I-PENTANE	0.6989	28.03	0.2558
N-PENTANE	0.6636	26.66	0.2403
C6+	0.9560	45.53	0.4117
Totals	100.0000	1,379.18	8.4009

Specific Gravity from Composition 0.8473

BTUs @ 14.730 Saturated (Ideal) 1355.17 BTUs @ 14.730 Saturated (Real) 1361.60

BTUs @ 14.730 Dry (Ideal) 1379.18 BTUs @ 14.730 Dry (Real) 1385.72

Compressibility 0.99528

7/24/2011

Run File	DEVON_5_7_24_2011 2:32:44 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/24/2011
Company Name	DEVON ENERGY	Lease Name	TODD 14K #14
Location ID	39049040	Effective Date	7/2011
Sample Date	7/2011	Pulled Data	PRESS 85 TEMP 96

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
NITROGEN	5.7895	0.00	0.0000
CARBON DIOXIDE	0.0706	0.00	0.0000
METHANE	59.0135	597.41	0.0000
ETHANE	12.6950	225.18	3.3929
PROPANE	12.6134	318.11	3.4729
I-BUTANE	1.7217	56.12	0.5632
N-BUTANE	4.6956	153.54	1.4803
I-PENTANE	1.4024	56.24	0.5132
N-PENTANE	1.3568	54.52	0.4914
C6+	0.6414	30.55	0.2762
Totals	100.0000	1,491.68	10.1900

Specific Gravity from Composition	0.9307		
BTUs @ 14.730 Saturated (Ideal)	1465.72	BTUs @ 14.730 Saturated (Real)	1474.13
BTUs @ 14.730 Dry (Ideal)	1491.68	BTUs @ 14.730 Dry (Real)	1500.24
Compressibility	0.99429		

7/24/2011

Precision Gas Measurement, Inc. **Natural Gas Report**

Sample Information

Sample Information	
Company Name	DEVON ENERGY
Lease Name	TODD 25 O-15
Location ID	39049045
Sample Date	5/1/2012
Method Name	BTUC6+.mel
Injection Date	2012-05-04 14:04:06
Report Date	2012-05-04 14:08:28

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Gross HV (Sat.) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
NITROGEN	4.8922	0.0	0.0	0.04732	0.540
CARBON DIOXIDE	0.1809	0.0	0.0	0.00275	0.031
METHANE	70.0826	709.5	697.1	0.38819	11.928
ETHANE	12.2270	216.9	213.1	0.12694	3.283
PROPANE	7.3327	184.9	181.7	0.11164	2.028
I-BUTANE	0.8782	28.6	28.1	0.01762	0.289
N-BUTANE	2.1447	70.1	68.9	0.04304	0.679
I-PENTANE	0.6089	24.4	24.0	0.01517	0.224
N-PENTANE	0.6180	24.8	24.4	0.01539	0.225
C6+	1.0348	53.2	52.3	0.03330	0.451
Water	0.0000	0.0	0.0	0.00000	0.000
Total:	100.0000	1312.5	1289.6	0.80136	19.677

Results Summary

Result	Dry	Sat.
Total Normalized Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	86.0	
Flowing Pressure (psia)	33.0	
Water Mole%		1.7407
Gross Heating Value (BTU / Ideal cu.ft.)	1312.5	1289.6
Gross Heating Value (BTU / Real cu.ft.)	1318.0	1295.6
Relative Density (G), Real	0.8044	0.8016
Compressibility (Z) Factor	0.9958	0.9954
Total GPM	19.677	19.443
Wobbe Index	1469.5	1447.1

Run File	DEVON_6_7_24_2011 2_54_35 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/24/2011
Company Name	DEVON ENERGY	Lease Name	TODD 14K 16
Location ID	39049040	Effective Date	7/2011
Sample Date	7/2011	Pulled Data	PRESS 89 TEMP 100

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
NITROGEN	4.6111	0.00	0.0000
CARBON DIOXIDE	0.0708	0.00	0.0000
METHANE	67.6541	684.89	0.0000
ETHANE	12.3254	218.63	3.2941
PROPANE	9.4954	239.48	2.6144
I-BUTANE	1.0323	33.65	0.3377
N-BUTANE	2.6464	86.54	0.8343
1-PENTANE	0.7467	29.94	0.2732
N-PENTANE	0.7348	29.53	0.2661
C6+	0.6829	32.52	0.2941
Totals	100.0000	1,355.17	7.9139

Specific Gravity from Composition 0.8289

BTUs @ 14.730 Saturated (Ideal) 1331.58 BTUs @ 14.730 Saturated (Real) 1337.60

BTUs @ 14.730 Dry (Ideal) 1355.17 BTUs @ 14.730 Dry (Real) 1361.29

Compressibility 0.99550

7/24/2011

Galaxie Chromatography Data System

Natural Gas
Analysis Report

Run File DEVON_11_6_12_2011 12_34_59 PM.DAT

Method BTUC6+

Operator PGM Analysis Date 6/12/2011

Company Name DEVON ENERGY Lease Name BARCLAY 11 BATT.

Location ID 390-33-004 Effective Date 6/6/11

Sample Date 6/6/11 Pulled Data PRESS 56 TEMP 97

Component	Mole %	BTU	GPM
NITROGEN	4.3698	0.00	0.0000
CARBON DIOXIDE	0.0559	0.00	0.0000
METHANE	69.7891	706.50	0.0000
ETHANE	12.2575	217.42	3.2760
PROPANE	7.7879	196.41	2.1442
I-BUTANE	1.0293	33.55	0.3367
N-BUTANE	2.6348	86.16	0.8306
I-PENTANE	0.7651	30.68	0.2800
N-PENTANE	0.7528	30.25	0.2726
C6+	0.5578	26.56	0.2402
Totals	100.0000	1,327.54	7.3804

Specific Gravity from Composition 0.8078

BTUs @ 14.730 Saturated (Ideal)

1304.43

BTUs @ 14.730 Saturated (Real)

1310.01

BTUs @ 14.730 Dry (Ideal)

1327.54

BTUs @ 14.730 Dry (Real)

1333.22

Compressibility

0.99574

6/12/2011

Done
6/16/11

Precision Gas Measurement, Inc.
Natural Gas Report

Sample Information

Sample Information	
Company Name	DEVON ENERGY
Lease Name	BARCLAY 11.G 7
Location ID	39033004
Sample Date	6/25/2012
Method Name	BTUC6+.met
Injection Date	2012-06-25 14:19:13
Report Date	2012-06-25 14:34:16

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Gross HV (Sat.) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
NITROGEN	4.1717	0.0	0.0	0.04035	0.461
CARBON DIOXIDE	0.1140	0.0	0.0	0.00173	0.020
METHANE	68.7627	696.1	684.0	0.38088	11.711
ETHANE	11.7111	207.7	204.1	0.12158	3.146
PROPANE	7.5881	191.4	188.0	0.11553	2.100
I-BUTANE	1.0694	34.9	34.3	0.02146	0.352
N-BUTANE	2.8547	93.3	91.7	0.05729	0.904
I-PENTANE	0.9160	36.7	36.1	0.02282	0.337
N-PENTANE	0.9637	38.7	38.0	0.02401	0.351
C6+	1.8486	95.0	93.4	0.05948	0.806
Water	0.0000	0.0	0.0	0.00000	0.000
Total:	100.0000	1393.9	1369.6	0.84512	20.187

Results Summary

Result	Dry	Sat.
Total Normalized Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	114.8	
Flowing Pressure (psia)	63.0	
Water Mole%		1.7407
Gross Heating Value (BTU / Ideal cu.ft.)	1393.9	1369.6
Gross Heating Value (BTU / Real cu.ft.)	1400.7	1376.9
Relative Density (G), Real	0.8489	0.8454
Compressibility (Z) Factor	0.9952	0.9947
Total GPM	20.187	19.945
Wobbe Index	1520.3	1497.6

Galaxie Chromatography Data System

Natural Gas
Analysis Report

Run File	DEVON_6_7_2_2011_5_13_40 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/2/2011
Company Name	DEVON ENERGY	Lease Name	BARCLAY 11 G FED 11
Location ID	390-49-107	Effective Date	6/30/2011
Sample Date	6/30/2011	Pulled Data	PRESS 84 TEMP 101

Component	Mole %	BTU	GPM
NITROGEN	4.6534	0.00	0.0000
CARBON DIOXIDE	0.0797	0.00	0.0000
METHANE	68.5842	694.30	0.0000
ETHANE	12.7447	226.07	3.4062
PROPANE	9.4180	237.52	2.5931
1-BUTANE	0.9071	29.57	0.2967
N-BUTANE	2.1538	70.43	0.6790
I-PENTANE	0.5294	21.23	0.1937
N-PENTANE	0.4966	19.95	0.1798
C6+	0.4331	20.63	0.1865
Totals	100.0000	1,319.70	7.5350

Specific Gravity from Composition 0.8057

BTUs @ 14.730 Saturated (Ideal) 1296.73 BTUs @ 14.730 Saturated (Real) 1302.20

BTUs @ 14.730 Dry (Ideal) 1319.70 BTUs @ 14.730 Dry (Real) 1325.27

Compressibility 0.99580

7/2/2011

Galaxie Chromatography Data System

Natural Gas Analysis Report

Run File	DEVON_9_7_2_2011_5_39_20 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/2/2011
Company Name	DEVON ENERGY	Lease Name	BARCLAY 11 FED 13
Location ID	390-49-109	Effective Date	6/30/2011
Sample Date	6/30/2011	Pulled Data	PRESS 86TEMP 105

Component	Mole %	BTU	GPM
NITROGEN	4.3387	0.00	0.0000
CARBON DIOXIDE	0.0492	0.00	0.0000
METHANE	70.6713	715.43	0.0000
ETHANE	11.5762	205.34	3.0939
PROPANE	8.6238	217.49	2.3744
I-BUTANE	0.8462	27.58	0.2768
N-BUTANE	2.1504	70.32	0.6779
I-PENTANE	0.5575	22.36	0.2040
N-PENTANE	0.5748	23.10	0.2082
C6+	0.6120	29.15	0.2636
Totals	100.0000	1,310.76	7.0987

Specific Gravity from Composition 0.7965

BTUs @ 14.730 Saturated (Ideal) 1287.95 BTUs @ 14.730 Saturated (Real) 1293.29

BTUs @ 14.730 Dry (Ideal) 1310.76 BTUs @ 14.730 Dry (Real) 1316.19

Compressibility 0.99587

Galaxie Chromatography Data System

Natural Gas
Analysis Report

Run File	DEVON_7_7_2_2011 5_23_53 PM.DATA		
Method	BTUC6+		
Operator	PGM	Analysis Date	7/2/2011
Company Name	DEVON ENERGY	Lease Name	BARCLAY 11 N FED 14
Location ID	390-49-107	Effective Date	6/30/2011
Sample Date	6/30/2011	Pulled Data	PRESS 88 TEMP 103

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
NITROGEN	4.2734	0.00	0.0000
CARBON DIOXIDE	0.0397	0.00	0.0000
METHANE	71.5983	724.82	0.0000
ETHANE	11.3145	200.70	3.0239
PROPANE	8.2649	208.44	2.2756
I-BUTANE	0.8149	26.56	0.2665
N-BUTANE	2.1152	69.17	0.6668
I-PENTANE	0.5280	21.17	0.1932
N-PENTANE	0.5497	22.09	0.1991
C6+	0.5016	23.89	0.2160
Totals	100.0000	1,296.83	6.8412

Specific Gravity from Composition 0.7863

BTUs @ 14.730 Saturated (Ideal) 1274.26 BTUs @ 14.730 Saturated (Real) 1279.39

BTUs @ 14.730 Dry (Ideal) 1296.83 BTUs @ 14.730 Dry (Real) 1302.05

Compressibility 0.99599

7/2/2011

**Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

Todd 14 Wells and Barclay 11 Wells
Leases NM0533177A and NM0404441
Devon Energy Production Co.
March 27, 2014

**Condition of Approval
Commingling 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 ONRR as required. All gas which is vented, flared or used on lease shall be reported as per NTL-4A to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer.
9. This agency shall be notified of any change in sales method or location of sales point.
10. Additional wells and/or leases require additional commingling approvals.