

DATE IN <u>1.23.12</u>	SUSPENSE	ENGINEER <u>RE</u>	LOGGED IN <u>1.23.12</u> <u>PLC</u>	TYPE <u>PLC</u>	APP NO. <u>1202347556</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



Devon

### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

**[NSL-Non-Standard Location]** **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling]** **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling]** **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion]** **[PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal]** **[IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification]** **[PPR-Positive Production Response]**

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify \_\_\_\_\_

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

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

Melanie Crawford  
 Print or Type Name

Signature

Regulatory Analyst  
 Title

Date

Melanie.Crawford@dmv.com  
 e-mail Address

PLC-353

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 2012 JAN 23 AM 10:07



Devon Energy Production Company  
20 North Broadway – CT 3.058  
Oklahoma City, Oklahoma 73102-8260  
Phone: (405)-552-4524  
Fax (405)-552-8113  
[Melanie.Crawford@devn.com](mailto:Melanie.Crawford@devn.com)

December 15, 2011

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

**Re: Pool/Lease Commingling, Off Lease Gas Measurement and Sales  
North Pure Gold 9 Federal 18H, North Pure Gold 8 Federal 13H, North Pure  
Gold 8 Federal 14H & North Pure Gold 8 Federal 15H  
API # 30-015-37616, 30-015-37651, 30-015-37966, & 30-015-38282  
Sec 9-T23S-R31E, Sec 8-T23S-R31E & Sec 17-T23S-R31E  
Lease NMNM-77046 & Lease NMNM-45235  
Wildcat S233108H; Upper Penn (Gas) – Pool Code: 97743  
Los Medanos; Bone Spring – Pool Code: 40295  
Eddy County, New Mexico**

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Dear Mr. Ezeanyim:

Please find attached the OCD Form C-103 and BLM Form 3160-5 Sundry Notice of Intent to Pool/Lease Commingle, Off Lease Gas Measurement & Sale the aforementioned wells. The working interest, royalty interest and overriding royalty interest owners are uniformed; no additional notification is required. ✓

BLM sundry approval and BLM conditions of approval attached. ✓

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

Very truly yours,

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

Melanie Crawford  
Regulatory Analyst

Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM77046
2. Name of Operator DEVON ENERGY PRODUCTION CO		6. If Indian, Allottee or Tribe Name
Contact: MELANIE A CRAWFORD Email: MELANIE.CRAWFORD@DVN.COM		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 20 NORTH BROADWAY SUITE 1500 OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-4524	8. Well Name and No. NORTH PURE GOLD 9 FEDERAL 18H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T23S R31E SESE Lot P 660FSL 1310FEL		9. API Well No. 30-015-37616-00-S1 ✓
		10. Field and Pool, or Exploratory WILDCAT
		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	Surface Comminglin
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	off lease measurement

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 and Sales for the following:

North Pure Gold 9 Federal 18H  
30-015-37616  
Sec 9-23S-31E  
SESE Lot P 660FSL 1310FEL  
Pool: 97743 - Wildcat S233108HI; Upper Penn(gas)

North Pure Gold 8 Federal 13H  
30-015-37651  
Sec 8-23S-31E

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #127182 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad Committed to AFMSS for processing by JAMES (JIM) HUGHES on 01/04/2012 (12JLH0289SE)	
Name (Printed/Typed) MELANIE A CRAWFORD	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/03/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>J. D. H. Little</i>	Title <i>LPE</i>	Date <i>1/14/12</i>
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 <i>CFO</i>

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #127182 that would not fit on the form**

**32. Additional remarks, continued**

SWSE 660FSL 1530FEL  
Pool: 97743 - Wildcat S233108HI; Upper Penn(gas)

North Pure Gold 8 Federal 14H  
30-015-37966  
Sec 8-23S-31E  
SWSE 150FSL 1700FEL  
Pool: 40295 - Los Medanos; Bone Spring

North Pure Gold 8 Federal 15H  
30-015-38282  
Sec 17-23S-31E  
NENE Lot A 440FNL 330FEL  
Pool: 40295 - Los Medanos; Bone Spring

Please see attached for description of production of wells.

The working, royalty and overriding royalty interest owners are identical; no additional notification is required.

ROW will or has already been obtained.

# APPLICATION FOR POOL/LEASE COMMINGLE, OFF LEASE GAS MEASUREMENT & SALES

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

## Pool commingling proposal for North Pure Gold leases:

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

### Federal Lease NM-77046

Well Name	Location	API #	Pool 97443	BOPD	Oil Gravity	MCFPD	BTU
North Pure	Sec 9-T23S-R31E	30-015-37616	Wildcat	102	52	299.37	1210
Gold 9 Federal 18H			S233108H; Upper Penn (Gas)				

### Federal Lease NM-77046

Well Name	Location	API #	Pool 97443	BOPD	Oil Gravity	MCFPD	BTU
North Pure	Sec 8-T23S-R31E	30-015-37651	Wildcat;	32	52	314.87	1166
Gold 8 Federal 13H			S233108H; Upper Penn (Gas)				

### Federal Lease NM-77046

Well Name	Location	API #	Pool 40295	BOPD	Oil Gravity	MCFPD	BTU
North Pure	Sec 8-T23S-R31E	30-015-37966	Los Medanos;	35	42	313.83	1073
Gold 8 Federal 14H			Bone Spring				

### Federal Lease SHL: NM-45235 & BHL: NM-77046

Well Name	Location	API #	Pool 40295	BOPD	Oil Gravity	MCFPD	BTU
North Pure	Sec 17-T23S-R31E	30-015-38282	Los Medanos;	126	42	248.83	1164
Gold 8 Federal 15H			Bone Spring				

The North Pure Gold 9 Federal 18 well has its own tank battery "Exhibit A" on location. It is the only well utilizing the battery at this time. The gas production for the North Pure Gold 9 Federal 18 well flows 1<sup>st</sup> to the stack pack, 2<sup>nd</sup> to dehy, 3<sup>rd</sup> to the NPG 9F18 Allocation meter and then it flows to the DCP "High Pressure" CDP Sales Meter #725076-00 located in Sec 21-T23S-R31E. *NWSW* ✓

The North Pure Gold 8 Federal 13 well has its own tank battery "Exhibit B & B1" on location. It is the only well using the tank battery at this time. The gas production for the North Pure Gold 8 Federal 13 well flows 1<sup>st</sup> to the Stack Pack, 2<sup>nd</sup> the NPG 8 Fed 13 allocation meter, 3<sup>rd</sup> the Cat 2801 Compressor, and then it will flow to the DCP "High Pressure" CDP Sales Meter #725076-00 located in Sec 21-T23S-R31E. The North Pure Gold 8 Federal 14H and 15H are utilizing the compressor on the North Pure Gold 8 Federal 13 location. *NWSW* ✓

The North Pure Gold 8 Federal 14H and the North Pure Gold 8 Federal 15H will utilize the tank battery "Exhibit C & C1" located on the North Pure Gold 8 Federal 14H location. The North Pure Gold 8 Federal 15H has its own location 1/8 mile down the road (due east) and this well is currently on rod pump. The North Pure Gold 8 Federal 14H and North Pure Gold 8 Federal 15H have their own separator for testing purposes. Both of these wells will have their own allocation meter before flowing to the DCP CDP "High Pressure" CDP Sales Meter #725076-00 located in Sec 21-T23S-R31E. *NWSW* ✓

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 diagrams for the "current" and "proposed" production facilities. The flow of produced fluids is shown in detail along with a description of each vessel.

The benefit of surface commingling is that one facility will handle the production for all the wells. 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: Melanie Crawford

Title: Regulatory Analyst

Date: 12/15/11



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

405 235 3611 Phone  
www.devonenergy.com

June 8, 2011

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

Re: Surface Commingling

**North Pure Gold 9 Fed 18H**

Sec. 9: SESE (SHL) & NENE (BHL)

**North Pure Gold 8 Fed 13H**

Sec. 8: SWSE (SHL) & NWNE (BHL)

**North Pure Gold 8 Fed 14H**

Sec. 8: SWSE (SHL) & NWNE (BHL)

**North Pure Gold 8 Fed 15H**

Sec. 17: NENE (SHL) & Sec. 8: NENE (BHL)

Township-23 South, Range 31 East  
Eddy County, New Mexico

Gentlemen:

I have reviewed the files of Devon Energy Production Company, L.P. regarding the ownership of the referenced well and find that the ownership of the working interest, royalty and overriding royalty interest are uniform with respect to Devon's request to commingle the following pools/intervals:

- Wildcat S233108H; Upper Penn (Gas) – Pool Code: 97443
- Los Medanos; Bone Spring – Pool Code: 40295

If there are any questions or if additional information is required feel free to call me at (405) 552-8040.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

*Katie A. McDonnell*

Katie A. McDonnell  
Landman





## Devon GIS Mapping

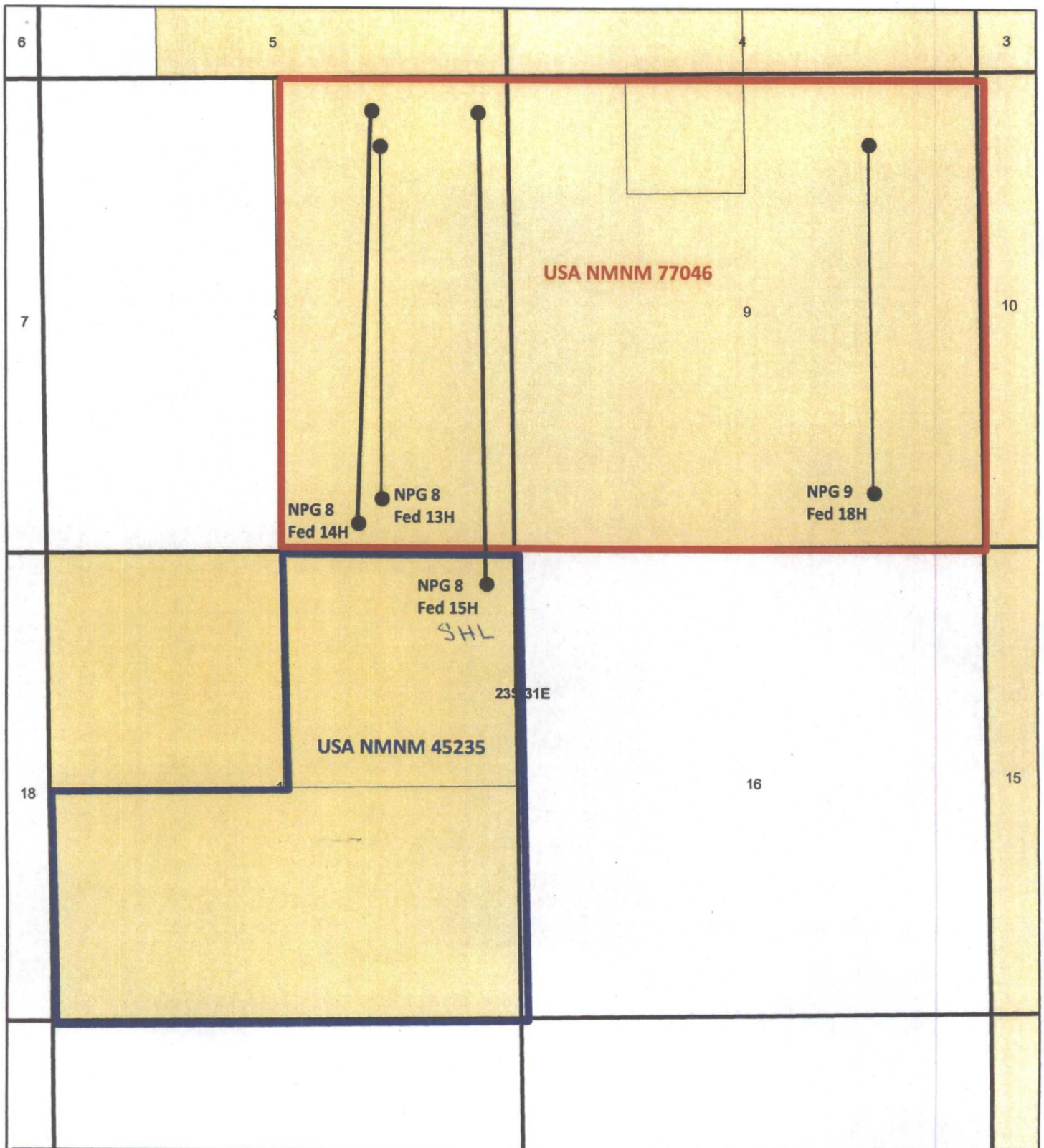


Disclaimer: This plat is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one.

Scale: 1:36,112

Date Printed: 10/10/2011 1:58:20 PM





0 1,750 3,500 Feet



North Pure Gold Commingle  
Sections 8, 9, 17-T23S-R31E  
Eddy County, New Mexico



031 NMNM 0002953C

035

T 022 S  
R 031 E

**NMNM 0281482A**

**NMNM - 0002887B**

**MNM 0002887A**

**NMNM 081953**

NMNM 0002883A

**MNM 0004473**

NMNM 121955

**NMNM 0404441**

NMNM 077046

NMNM 077046

**NMNM 121955**

**MNM 0002887B**

**NMLC 0071988B**

**MNM 0002887A**

**NMNM 0533177A**

T 023 S  
R 031 E

**NMNM 0405444**

NMNM 0404441

VINM 0546237

NMNM 045235

**VNM 017057**

NMNM 038463

NMNM 038464

NMNM 0405444A

**NMNM 0405444**

019 NMNM 021639

021

022

023

ANM 0533177

NMNM 040659

**NMNM 0418220A**

030 NMNM 0545035 029 NMNM 0281482A

028

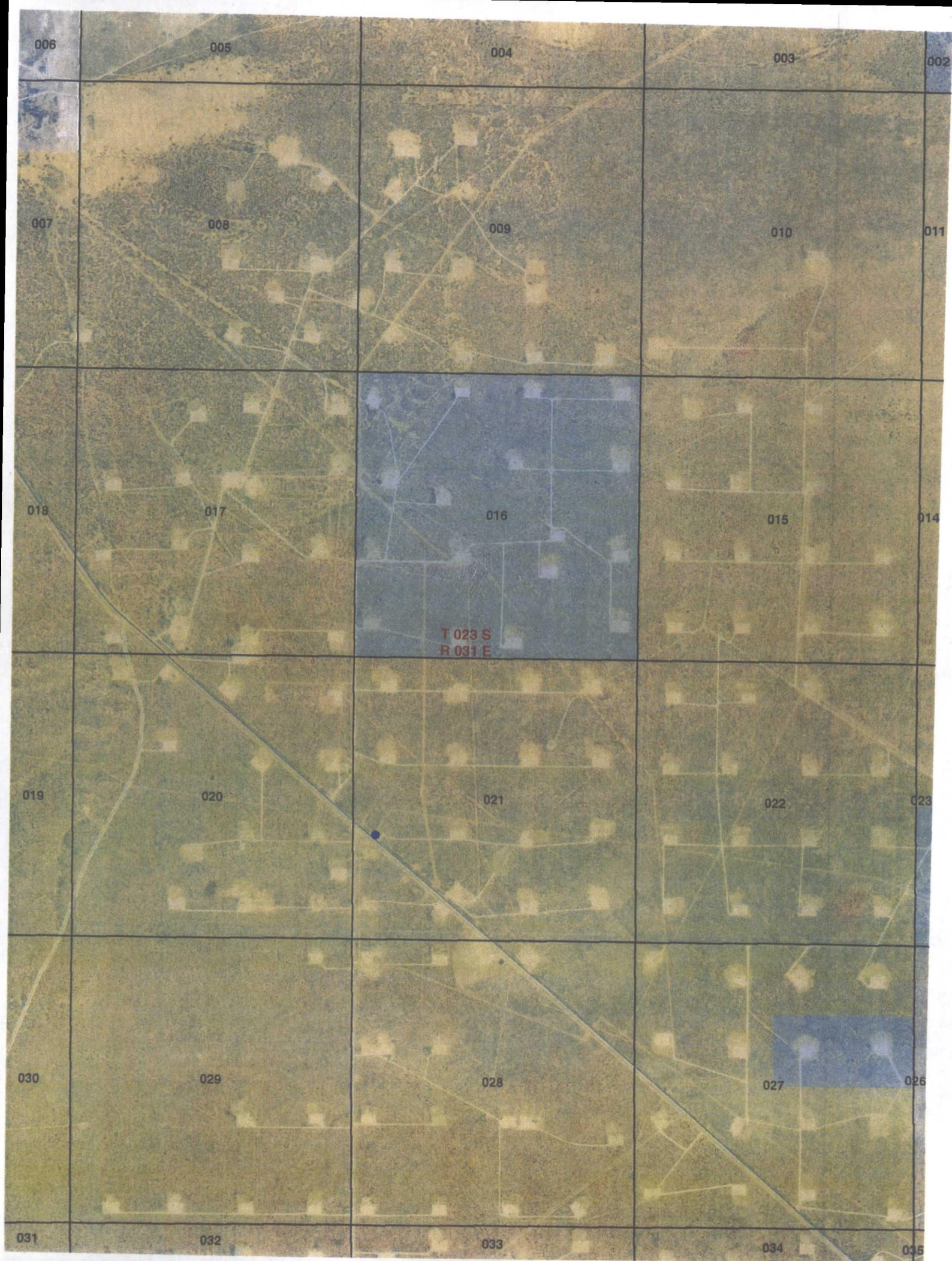
027

026

NMNM 0405444A

ANM 021640







North Pure Gold 9 Fed 18H  
 API: 30-015-37616  
 Sec 9-23S-31E

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 High 725076-00

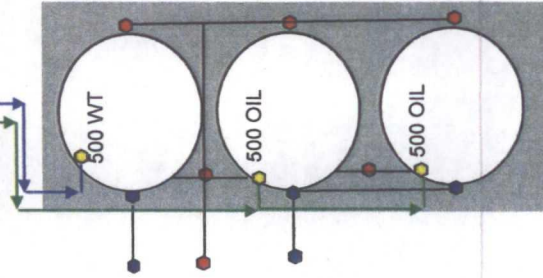
North

NP4 9F18  
 Allocation  
 Meter

Dehy

Stack pack

North Pure  
 Gold 9 Federal  
 18H

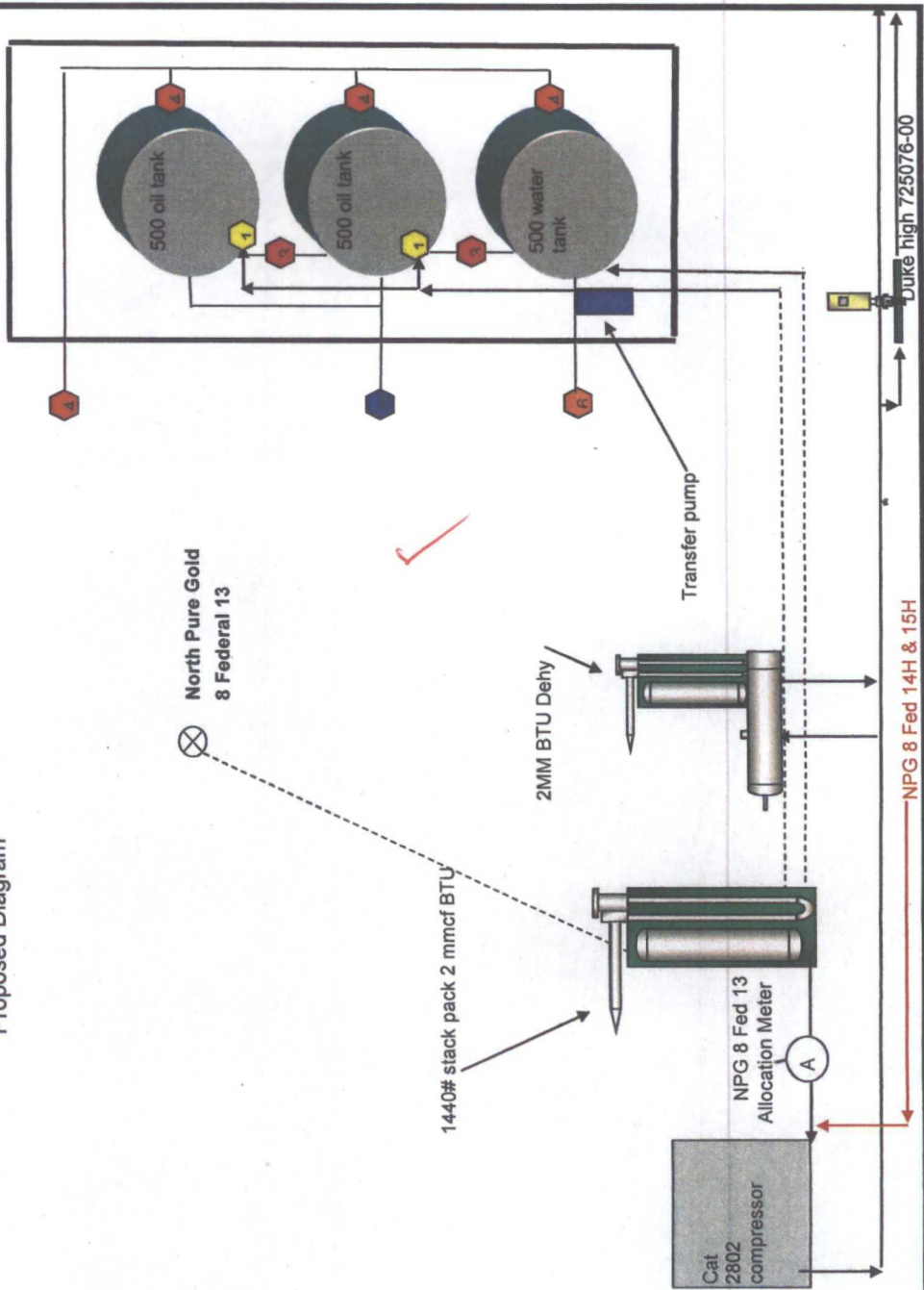


Road entrance

North Pure Gold 8 Fed 13H  
30-015-37651  
Sec. 8-T23S-R31E

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.	1
(2) Valve 3 sealed closed.	3
(3) Valve 4 sealed closed.	4
(4) Valve 5 sealed closed.	5
{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: Sales Line	5
Valve #6: BS&W Load Line	6
Buried Lines:	
Firewall:	
Wellhead:	⊗
Stak-pak:	Stak-pak
Production line:	
Water line:	
Gas Meter	A M C

Proposed Diagram



**NPG 8 Federal 14H**  
**Sec 8, T23S, R31E**

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. 1
- (2) Valve 3 sealed closed. 3
- (3) Valve 4 sealed closed. 4
- (4) Valve 5 sealed closed. 5

{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: Sales Line 5
- Valve #6: BS&W Load Line

Buried Lines: -----

Firewall:

Wellhead: X

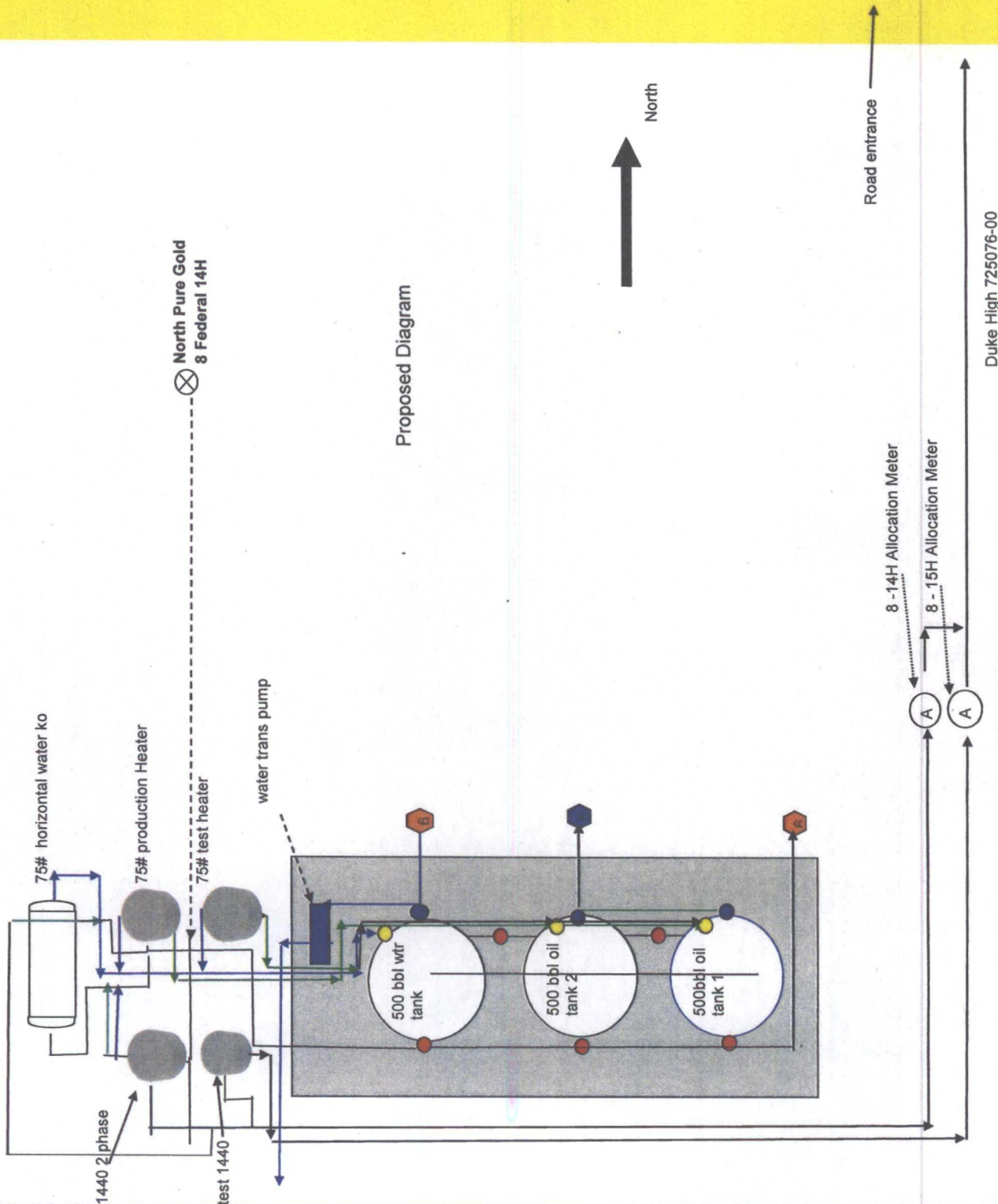
Stak-pak: Stak-pak

Production line: \_\_\_\_\_

Water line: -----

Gas Meter

- A
- M
- C



Duke High 725076-00



# Varian Star Chromatography Workstation

## Natural Gas Analysis Report

<b>Run File</b>	C:\STAR\DATA\DEVON01_3-11-2011_4:34:05 PM.RUN		
<b>Method</b>	C:\star\RichBTUC6+.mth		
<b>Operator</b>	PGM, Inc.	<b>Analysis Date</b>	3/11/2011
<b>Station</b>	N. PURE GOLD 8-14 / 39033115	<b>Company</b>	DEVON ENERGY
<b>Effective Date</b>	3/9/11	<b>Pulled Data</b>	PRESS 53 TEMP 80
<b>Received Date</b>	3/10/11	<b>Composite/Spot</b>	Spot

<u>Component</u>	<u>Mole %</u>	<u>GPM</u>
H2S	0.000	0.0000
nitrogen	4.833	0.0000
methane	62.821	0.0000
propane	5.881	1.6154
i-butane	0.786	0.2566
carbon dioxide	13.132	0.0000
n-butane	1.867	0.5873
i-pentane	0.486	0.1773
n-pentane	0.452	0.1632
ethane	9.165	2.4437
hexane+	0.578	0.0000
<b>Totals</b>	100.0000	5.2436

Relative Density from Composition

0.8605

Lab Density Test Value

BTUs @ 14.73 Saturated

1,054

BTUs @ 14.73 Dry

1,073

Compressibility

0.99621

FILE  
ONLY

3/11/2011

# Varian Star Chromatography Workstation

## Natural Gas Analysis Report

Run File	C:\STAR\DATA\DEVON01_6-8-2011_6:00:39 PM.RUN		
Method	C:\star\RichBTUC6+.mth		
Operator	PGM, Inc.	Analysis Date	6/8/2011
Station	N. PURE GOLD 9-18 / 39033127	Company	DEVON ENERGY
Effective Date	6/8/11	Pulled Data	PRESS 639 TEMP 95
Received Date	6/8/11	Composite/Spot	Spot

<u>Component</u>	<u>Mole %</u>	<u>GPM</u>
H2S	0.000	0.0000
nitrogen	0.781	0.0000
methane	81.736	0.0000
propane	3.845	1.0565
i-butane	0.614	0.2002
carbon dioxide	0.208	0.0000
n-butane	1.015	0.3193
ethane	10.982	2.9295
i-pentane	0.262	0.0956
n-pentane	0.247	0.0893
C6+	0.309	0.1339
Totals	100.0000	4.8244

Relative Density from Composition	0.6949
Lab Density Test Value	
BTUs @ 14.73 Saturated	1,189
BTUs @ 14.73 Dry	1,210
Compressibility	0.99678

6/8/2011

# Varian Star Chromatography Workstation

## Natural Gas Analysis Report

K

Run File	C:\STAR\DATA\DEVON01_4-15-2011_8:53:20 AM.RUN		
Method	C:\star\RichBTUC6+.mth		
Operator	PGM, Inc.	Analysis Date	4/15/2011
Station	NORTH PURE GOLD 8-15 / 39033120	Company	DEVON ENERGY
Effective Date	4/14/11	Pulled Data	PRESS 63 TEMP 93
Received Date	4/14/11	Composite/Spot	Spot

Component	Mole %	GPM
H2S	0.000	0.0000
nitrogen	3.673	0.0000
methane	56.724	0.0000
propane	7.726	2.1231
carbon dioxide	15.626	0.0000
i-butane	1.046	0.3415
n-butane	2.400	0.7548
ethane	10.821	2.8865
i-pentane	0.652	0.2379
n-pentane	0.630	0.2276
C6+	0.702	0.3038
Totals	100.0000	6.8752

Relative Density from Composition	0.9471
Lab Density Test Value	
BTUs @ 14.73 Saturated	1,144
BTUs @ 14.73 Dry	1,164
Compressibility	0.99525

DL  
4-18-11  
JES

4/15/2011

# Varian Star Chromatography Workstation

## Natural Gas Analysis Report

Run File	C:\STAR\DATA\DEVON01_4-15-2011_8:53:20 AM.RUN		
Method	C:\star\RichBTUC6+.mth		
Operator	PGM, Inc.	Analysis Date	4/15/2011
Station	NORTH PURE GOLD 8-15 / 39033120	Company	DEVON ENERGY
Effective Date	4/14/11	Pulled Data	PRESS 63 TEMP 93
Received Date	4/14/11	Composite/Spot	Spot

Component	Mole %	GPM
H2S	0.000	0.0000
nitrogen	3.673	0.0000
methane	56.724	0.0000
propane	7.726	2.1231
carbon dioxide	15.626	0.0000
i-butane	1.046	0.3415
n-butane	2.400	0.7548
ethane	10.821	2.8865
i-pentane	0.652	0.2379
n-pentane	0.630	0.2276
C6+	0.702	0.3038
Totals	100.0000	6.8752

Relative Density from Composition	0.9471
Lab Density Test Value	
BTUs @ 14.73 Saturated	1,144
BTUs @ 14.73 Dry	1,164
Compressibility	0.99525

4/15/2011

OFF LEASE PRODUCTION - EDDY COUNTY						
	07/01/11	08/01/11	09/01/11	10/01/11	11/01/11	12/01/11
Well Name	Sum Est Gas	Sum Est Gas	Sum Est Gas	Sum Est Gas	Sum Est Gas	Sum Est Gas
North Pure Gold 8 Federal 13H	15,019.37	14,107.46	13,509.79	10,663.57	11,373.37	4,294.57
North Pure Gold 8 Federal 14H	1,801.96	5,327.22	5,771.11	6,479.85	7,203.56	976.88
North Pure Gold 8 Federal 15H	2,376.86	10,588.84	36,369.25	16,602.79	3,410.6	580.38
North Pure Gold 9 Federal 18H	22,543.8	11,669.8	15,957.86	11,172.01	12,124.79	4,183.17

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

**Off-Lease Measurement**

**Conditions of Approval: Devon Energy Production Co.  
N. Pure Gold 8 Fed. 13H, 14H & 15H, and N. Pure Gold 9 Fed. 18H  
NM77046**

Approval of off-lease measurement is subject to the following conditions of approval:

1. This agency shall be notified of any change in sales method or location of the Sales point.
2. This agency shall be notified of any spill or discharge as required by NTL-3A. No gas may be vented without proper measurement and prior approval. Any gas vented must be flared.
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 is subject to like approval by the New Mexico Oil Conservation Division.
5. Additional wells and/or leases require additional approvals.
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 off-lease measurement 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.
8. All above-ground structures not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be color which simulates "standard Environmental Colors" – Shale Green, Munsell Soil Color No. 5Y 4/2.