

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] OPERATOR/Applicant Name: \_\_\_\_\_ OGRD: \_\_\_\_\_  
 (If one well) Lease/Well Name: \_\_\_\_\_  
 Well API No. 30-\_\_\_\_\_-\_\_\_\_\_

[2] 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

[3] 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 o

[D]  Notification and/or Concurrent Approval by BLM  
U.S. Bureau of Land Management

[E]  Notification and/or Concurrent Approval by SLO  
Commissioner of Public Lands, State Land Office

[F]  For all of the above, Proof of Notification or Publication is Attached, and/or,

[G]  Waivers are Attached

[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.**

_____ Print or Type Name	_____ Signature	_____ Title	_____ Date
		_____ e-mail Address	

# EASEMENT

STATE OF NEW MEXICO

§  
§  
§  
§  
§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF LEA

Keller RV, LLC whose address is 2811 County Road 460, Oakley, KS 67748, for consideration paid, grants an easement as more fully described below to TOCO, L.L.C., whose address is P.O. Box 754, Midland, TX 79701, upon the following described real estate in Lea County, New Mexico:

An easement 15 feet on either side of a line in, on and across Section 11, 23S,-34E, which extends into said Section 11 from a point which is approximately 2,640 feet South of the North boundary of Section 11 and runs in a southeasterly direction to a point which is approximately 1,058 feet East of the West Boundary of Section 11 and 1,848 feet North of the South Boundary thereof a distance of 1,320 feet more or less to the point of its termination where it intersects the GPM gas line which traverses said Section 11,

with special warranty covenants.

Witness the hand and seal of Keller RV, LLC this 5<sup>th</sup> day of May, 1998.

KELLER RV, LLC

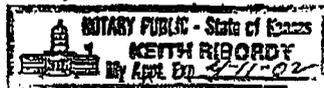
By:   
Jim Keller  
President

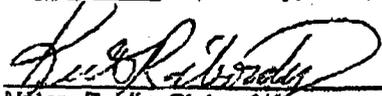
STATE OF KANSAS

§  
§  
§  
§  
§

COUNTY OF LOGAN

This instrument was acknowledged before me this 5<sup>th</sup> day of May, 1998, by Jim Keller, President of Keller RV, LLC.



  
Notary Public, State of Kansas

My Commission expires:

April 11, 2002



BTA OIL PRODUCERS 104 SOUTH PECOS MIDLAND, TEXAS 79701  
MEASURING STATION CALIBRATION REPORT

MEASURING GAS FROM SIANA DATE 7-18-07  
STATION NAME TOCO DELIVERY STA. NO. 318

**ORIFICE METER**

**MAKE**

Barton  
 Foxboro  
 American  
 Other  
S/N 207A-22574

**METER TEST** full

Diff. Found 0 Diff. Left 0  
Zero @ W.P. 0 Zero @ A.P. 0  
W.P. Zero Reset:  Yes  No  
Pen Arc:  O.K.  Reset  
Time Lag:  O.K.  Reset  
Leaks Found:  Yes  No  
Repaired:  Yes  No  
Friction Rest:

**DIFFERENTIAL TEST**

Meter Found in Calibration:  Yes  No  
Meter Left in Calibration:  Yes  No

**TYPE**

Bellows  2 PEN  
 Mercury  3 PEN

**STATIC TEST** 13.2

Dead Weight: 16.4  
Meter Found: 29.6  PSIG  
Meter Left: 29.6  PSIA

P.K. W.C.	<u>0</u>	<u>8</u>	<u>48</u>	<u>78</u>			
Meter	<u>0</u>	<u>8</u>	<u>48</u>	<u>88</u>			
P.K. W.C.	<u>78</u>	<u>28</u>	<u>0</u>				
Meter	<u>78</u>	<u>28</u>	<u>0</u>				

**DIFFERENTIAL RANGE**

0-50"  
 0-100"  
 Other

**THERMOMETER**

Test Temp: 88 MAKE RANGE  
Rec. Temp: 88  Bar.  0-120°F  
Rec. Left: 88  Fox.  0-150°F  
 Taylor  0-200°F  
 Heco  10-130°F  
Other  
S/N 3-pan

**ORIFICE PLATE**

TUBE SIZE	ORIFICE SIZE
<u>2.067</u>	<u>0.500</u>

**PRESSURE RANGE**

0-100#  
 0-250#  
 0-500#  
 0-1000#  
 0-1500#  
 Other

**SPECIFIC GRAVITY**

Ramarex  
 Other

**ORIFICE PLATE INSPECTION**

Orifice Plate Inspected  Yes  No  
Plate Found Damaged  Yes  No  
Plate Found Clean  Yes  No  
Condition of Seal  O.K.  Bad  
Changed Orifice Plate  Yes  No  
Time Plate Changed:  A.M.  P.M.  
Size Plate Removed: X  
Size Plate Installed: X  
Diff. Found  Diff. Left   
 Flange Taps  Pipe Taps  
Static Conn. Up  Down

**CHART ROTATION**

24-Hour  
 7-Day  
 8-Day  
 Other

Volume: \_\_\_\_\_

Gas Sample Yes  No   
Bottle No.: \_\_\_\_\_  
Pressure: \_\_\_\_\_  
Temp.: \_\_\_\_\_  
Method: H<sub>2</sub>O disp  Purge

**ORIFICE FITTING**

Type of Fitting:  Senior  Simplex  Flange  
 Junior   
Condition of Fitting:  O.K.  Needs Attention  
Make of Fitting: \_\_\_\_\_

CHANGE IN DIFFERENTIAL DUE TO:  FLOW  PLATE CHANGE  OTHER

Does run have bypass Yes  No   
Is it sealed Yes  No

\*REMARKS \_\_\_\_\_

NAME Michelle TESTER   
FOR BTA WITNESS  WK  
OIL AND GAS CORPORATION

DISTRIBUTION:



Laboratory Services, Inc.  
 2609 West Maria  
 Hobbs, New Mexico 88240  
 Telephone: (505) 397-3713

FOR: Siana Oil & Gas Co., L.L.C.  
 Attention: Rick Vannoy  
 P. O. Box 10303  
 Midland, Texas 79702

SAMPLE: Meter Run  
 IDENTIFICATION Newkumet #1  
 COMPANY: Siana Oil & Gas  
 LEASE:  
 PLANT:

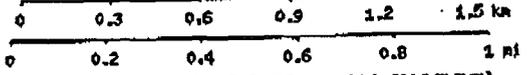
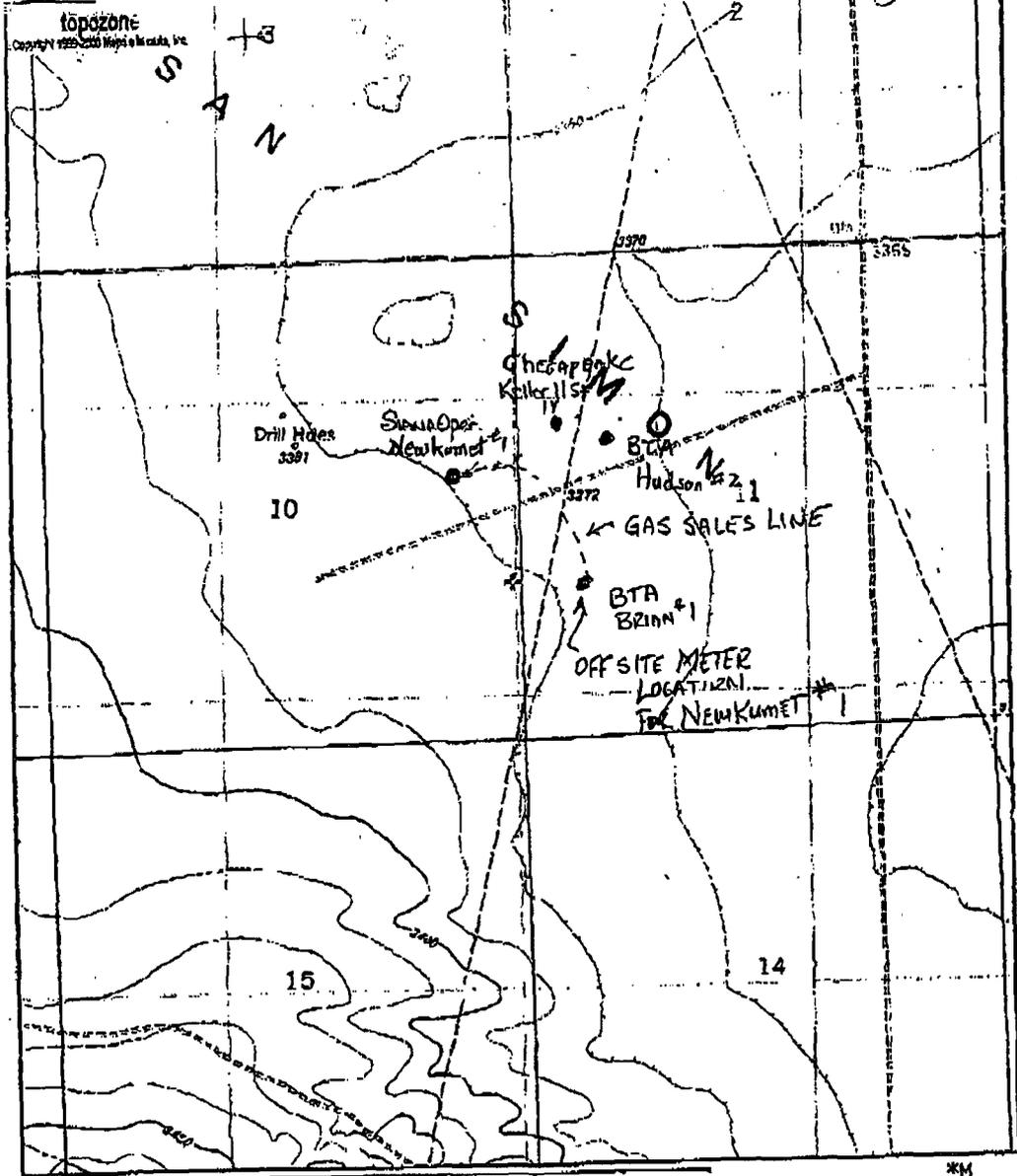
SAMPLE DATA: DATE SAMPLED 7/12/07 3:00 pm  
 ANALYSIS DATE: 7/13/07  
 PRESSURE - PSIG 24  
 SAMPLE TEMP. °F  
 ATMOS. TEMP. °F 86

GAS (XX) LIQUID ( )  
 SAMPLED BY: Will McDaniel  
 ANALYSIS BY: Vickie Sullivan

REMARKS: Gas H2S = 0  
 Water Tank H2S = 0  
 Oil Tank 15632 H2S = 0  
 Oil Tank 15633 H2S = 0

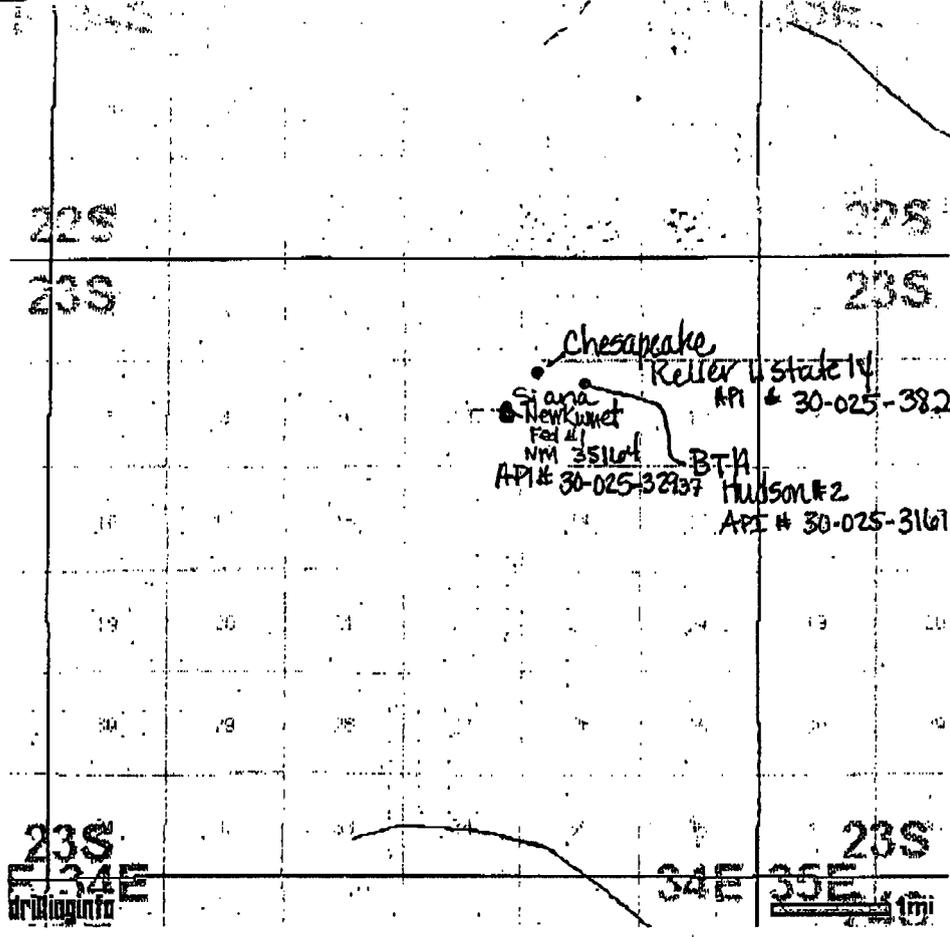
COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)	0.000	
Nitrogen (N2)	11.598	
Carbon Dioxide (CO2)	0.000	
Methane (C1)	61.164	
Ethane (C2)	11.112	2.965
Propane (C3)	7.007	1.926
I-Butane (IC4)	1.466	0.479
N-Butane (NC4)	3.447	1.084
I-Pentane (IC5)	1.464	0.534
N-Pentane (NC5)	1.124	0.406
Hexane Plus (C6+)	1.618	0.702
	100.000	8.096
BTU/CU.FT. - DRY	1331	MOLECULAR WT. 25.7099
AT 14.650 DRY	1327	
AT 14.650 WET	1304	
AT 14.73 DRY	1335	
AT 14.73 WET	1311	
SPECIFIC GRAVITY -		
CALCULATED	0.884	
MEASURED		



UTM 13 645991E 3576390N (NAD27)  
 USGS San Simon Sink (NM) Quadrangle  
 Projection is UTM Zone 13 NAD83 Datum

M=0.513  
 G=0.829



Form 3160-5  
(February 2005)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OGD-OGD-HOBBS

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

**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.  
NM 35164  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

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

8. Well Name and No.  
Newkumet Federal #1

9. API Well No.  
30-025-32937

10. Field and Pool or Exploratory Area  
Antelope Ridge

11. Country or Parish, State  
Lea County, New Mexico

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Slana Operating, LLC

3a. Address  
P.O. Box 10303  
Midland, Texas 79702

3b. Phone No. (include area code)  
432-687-6600

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

2310' FNL & 720' FEL Section 10, T-23S, R-34E

Unit H

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>Off Lease Measurement</u>

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.)

August 8, 2007 - Requested approval for off Lease measurement for gas production on Newkumet Federal #1.

September 10, 2007 - Submitting additional requested data:

As noted in previous sundry, gas production from the Newkumet Federal #1 well to be measured off lease at the Brain 8035 JV-P #1 battery located in Unit L, Section 11, T-23S, R-34E, operated by BTA Oil Producers whose offices are located 104 South Pecos, Midland, Texas 79701 - Transport OGRID #003002. Gas is transported via pipeline to metering facility into Antelope Ridge gathering system, Lea County, New Mexico.

Estimated monthly production from this well is around 150 mcf.

The pressure rating for this flow line is 120# and the pressure that the line is anticipated to be exposed to is 22#.

As requested, attached are the following documents: Easement for the flow line, recent calibration report, recent gas analysis, diagram showing the location of the line and meter.

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

Bobbi Brice

Title Regulatory Agent

Signature

*Bobbi Brice*

Date

Sept. 11, 2007

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

Approved by

/S/ DAVID R. GLASS

PETROLEUM ENGINEER

SEP 14 2007

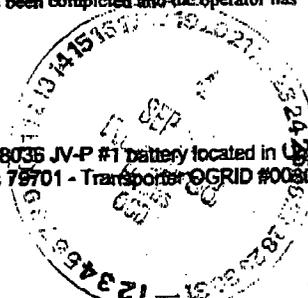
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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)

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**



Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220-6292  
(505) 234-5972

**Off-Lease Measurement, Storage, and Surface Commingling  
Conditions Of Approval**

1. This agency be notified of any change in your sales method or location of the sales meter.
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 is subject to like approval by the New Mexico Oil Conservation Division.
5. Additional wells and/or leases require additional commingling 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 to this office for wells in Chaves or Roosevelt County or the BLM Carlsbad Field office at 620 East Greene Street, Carlsbad, New Mexico 88220-6292 for wells in Eddy or Lea County if you have not already done so.

**Siana Operating, LLC.**

P.O. Box 10303  
Midland, Texas 79702

Telephone: 432-687-6600  
Facsimile: 432-682-2453

September 27, 2007

Oil Conservation Division  
Attn: Richard  
1220 South St. Francis Drive  
Santa Fe, NM 87505

RE: Newkumet Fed #1  
Lease No. NM35164  
API Well No: 30-025-32937  
Lea County, New Mexico

To Whom It May Concern:

Siana Operating, LLC requests permission from the Oil Conservation Division of New Mexico to measure gas off lease and sell gas from the Newkumet Federal #1 to BTA's Brain Facility. The Newkumet Federal #1 is located 2310' FNL and 720' FEL, section 10, T-23S, R-34E, Antelope Ridge Field, Lea County, New Mexico.

The Newkumet Federal #1 well's gas is measured off lease at the Brain 8036 JV-P #1 battery located in Unit L, Section 11, T-23S, R-34E, and is operated by BTA Oil Producers (transporter OGRID # 003002) whose offices are located at 104 South Pecos St., Midland, Texas 79701.

Siana Operating, LLC holds 100% of interest in this well. Siana purchased this well sometime ago and was under the impression that this authorization had already been granted and was a part of the agreement when the change of operator took place. As BTA Oil Producers has been measuring and purchasing the gas since before Sian took over operations and this well has not had any changes since it was completed by the original operator.

Enclosed is a copy of the approved sundry from the BLM with additional information that we had provided to them. If Siana has not fully complied with your requests, please advise ASAP so that we may remedy the problem in order that we may move forward and get permission granted.

If I can be of further assistance, please let me know.

Regards,



Bobbi Brice  
Regulatory Clerk

/bb  
Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED SEP 19 2007

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

OPERATOR'S COPY

Lease Serial No.  
35164

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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6. If Indian Allottee or Tribe Name

**1. SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

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

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.  
Newkumet Federal #1

2. Name of Operator  
Stana Operating, LLC

9. API Well No.  
30-025-32937

3a. Address  
P.O. Box 10303  
Midland, Texas 79702

3b. Phone No. (include area code)  
432-687-6600

10. Field and Pool or Exploratory Area  
Antelope Ridge

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2310' FNL & 720' FEL Section 10, T-23S, R-34E

11. Country or Parish, State  
Lea County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Measurement</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

Name (Printed/Typed)

Bobbi Brice

Title

Regulatory Agent

Signature

*Bobbi Brice*

Date

Sept. 11, 2007

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

Approved by

*David R. Glass*

PETROLEUM ENGINEER

Title

Date

SEP 14 2007

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)

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

**EASEMENT**

STATE OF NEW MEXICO   §  
                                  §  
COUNTY OF LEA         §

KNOW ALL MEN BY THESE PRESENTS:

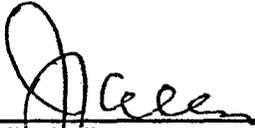
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An easement 15 feet on either side of a line in, on and across Section 11, 23S,-34E, which extends into said Section 11 from a point which is approximately 2,640 feet South of the North boundary of Section 11 and runs in a southeasterly direction to a point which is approximately 1,056 feet East of the West Boundary of Section 11 and 1,848 feet North of the South Boundary thereof a distance of 1,320 feet more or less to the point of its termination where it intersects the GPM gas line which traverses said Section 11,

with special warranty covenants.

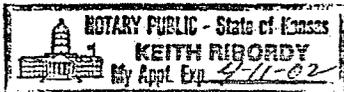
Witness the hand and seal of Keller RV, LLC this 5<sup>th</sup> day of May, 1998.

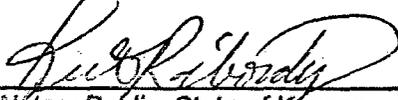
KELLER RV, LLC

By:   
Jim Keller  
President

STATE OF KANSAS       §  
                                  §  
COUNTY OF LOGAN     §

This instrument was acknowledged before me this 5<sup>th</sup> day of May, 1998, by Jim Keller, President of Keller RV, LLC.



  
Notary Public, State of Kansas

My Commission expires:  
April 11, 2002



BTA OIL PRODUCERS 104 SOUTH FIELDS MIDLAND, TEXAS 79701

MEASURING STATION CALIBRATION REPORT

MEASURING GAS FROM SIANA DATE 7-18-07

STATION NAME TOCO Recovery STA. NO. 318

**ORIFICE METER**

**MAKE**

Barton

Foxboro

American

Other \_\_\_\_\_

S/N 201A-22586

**METER TEST** full

Diff. Found 0 Diff. Left 0

Zero @ W.P. 0 Zero @ A.P. 0

W.P. Zero Reset:  Yes  No

Pen Arc:  O.K.  Reset

Time Lag:  O.K.  Reset

Leaks Found:  Yes  No

Repaired:  Yes  No

Friction Rest: \_\_\_\_\_

**DIFFERENTIAL TEST**

Meter Found in Calibration:  Yes  No

Meter Left in Calibration:  Yes  No

↑	P.K. W.C.	<u>0</u>	<u>8</u>	<u>48</u>	<u>78</u>				
	Meter	<u>0</u>	<u>8</u>	<u>48</u>	<u>78</u>				
↓	P.K. W.C.	<u>78</u>	<u>28</u>	<u>0</u>					
	Meter	<u>78</u>	<u>28</u>	<u>0</u>					

**TYPE**

Bellows  2 PEN

Mercury  3 PEN

**STATIC TEST** 13.2

Dead Weight: 16.4

Meter Found: 29.6  PSIG

Meter Left: 29.6  PSIA

**ORIFICE PLATE**

TUBE SIZE	ORIFICE SIZE:
<u>2.067</u>	<u>0.500</u>

**DIFFERENTIAL RANGE**

0-50"

0-100"

Other \_\_\_\_\_

**THERMOMETER**

Test Temp.: 88 MAKE RANGE

Rec. Temp.: 88  Bar.  0-120°F

Rec. Left.: 88  Fox.  0-150°F

Taylor  0-200°F

Heco  10-130°F

Other \_\_\_\_\_

S/N 3-1111

**ORIFICE PLATE INSPECTION**

Orifice Plate Inspected  Yes  No

Plate Found Damaged  Yes  No

Plate Found Clean  Yes  No

Condition of Seal  O.K.  Bad

Changed Orifice Plate  Yes  No

Time Plate Changed: \_\_\_\_\_  A.M.  P.M.

Size Plate Removed: \_\_\_\_\_ X \_\_\_\_\_

Size Plate Installed: \_\_\_\_\_ X \_\_\_\_\_

Diff. Found \_\_\_\_\_ Diff. Left \_\_\_\_\_

Flange Taps  Pipe Taps

Static Conn. Up  Down

**PRESSURE RANGE**

0-100#

0-250#

0-500#

0-1000#

0-1500#

Other \_\_\_\_\_

**SPECIFIC GRAVITY**

Ranarex

Other: \_\_\_\_\_

Volume: \_\_\_\_\_

**CHART ROTATION**

24-Hour

7-Day

8-Day

Other \_\_\_\_\_

Gas Sample Yes  No

Bottle No.: \_\_\_\_\_

Pressure: \_\_\_\_\_

Temp.: \_\_\_\_\_

Method: H<sub>2</sub>O disp  Purge

**ORIFICE FITTING**

Type of Fitting:  Senior  Simplex  Flange

Junior  \_\_\_\_\_

Condition of Fitting:  O.K.  Needs Attention

Make of Fitting: \_\_\_\_\_

CHANGE IN DIFFERENTIAL DUE TO:  FLOW  PLATE CHANGE  OTHER\*

Does run have bypass Yes  No

Is it sealed Yes  No

\*REMARKS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

NAME Mike [Signature] TESTER

FOR BTA WITNESS  WK [Signature]

OIL AND GAS CORPORATION

DISTRIBUTION:



Laboratory Services, Inc.

2609 West Merland  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Siana Oil & Gas Co., L.L.C.  
Attention: Rick Vannoy  
P. O. Box 10303  
Midland, Texas 79702

SAMPLE: Meter Run  
IDENTIFICATION Newkumet #1  
COMPANY: Siana Oil & Gas  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED 7/12/07 3:00 pm  
ANALYSIS DATE: 7/13/07  
PRESSURE - PSIG 24  
SAMPLE TEMP. °F  
ATMOS. TEMP. °F 86

GAS (XX) LIQUID ( )  
SAMPLED BY: Will McDaniel  
ANALYSIS BY: Vickie Sullivan

REMARKS: Gas H2S = 0  
Water Tank H2S = 0  
Oil Tank 15632 H2S = 0  
Oil Tank 15633 H2S = 0

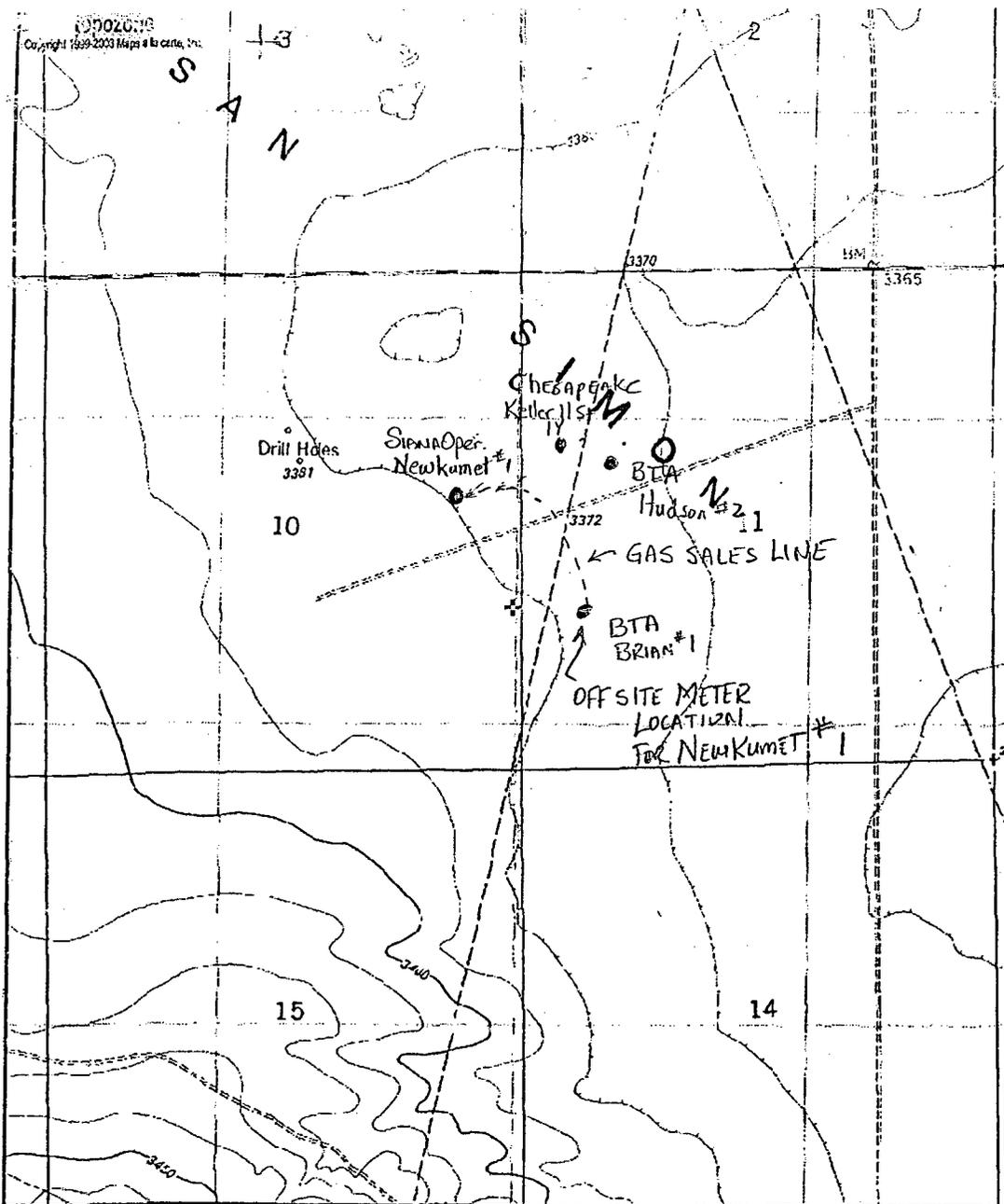
COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H2S)	0.000	
Nitrogen	(N2)	11.598	
Carbon Dioxide	(CO2)	0.000	
Methane	(C1)	61.164	
Ethane	(C2)	11.112	2.965
Propane	(C3)	7.007	1.926
I-Butane	(IC4)	1.466	0.479
N-Butane	(NC4)	3.447	1.084
I-Pentane	(IC5)	1.464	0.534
N-Pentane	(NC5)	1.124	0.406
Hexane Plus	(C6+)	1.618	0.702
		<u>100.000</u>	<u>8.096</u>

BTU/CU.FT. - DRY 1331  
AT 14.650 DRY 1327  
AT 14.650 WET 1304  
AT 14.73 DRY 1335  
AT 14.73 WET 1311

MOLECULAR WT. 25.7099

SPECIFIC GRAVITY -  
CALCULATED 0.884  
MEASURED



UTM 13 645991E 3576390N (NAD27)  
**USGS San Simon Sink (NM) Quadrangle**  
 Projection is UTM Zone 13 NAD83 Datum

\*M  
 M=0.513  
 G=0.829

22S

23S

22S

23S

Chesapeake

Keller 1 State 14

API # 30-025-38216

Siana Newkumet

Red #1 NM 35104

API # 30-025-32937

BTA

Hudson #2

API # 30-025-31613

19

20

21

22

23

24

19

20

30

29

28

27

26

25

20

19

23S

Drillingista

23S

34E

35E

1mi

22E

23S

22E

23S

Chesapeake

Keller State 14

Siana  
Newkomet  
Fed #1  
NM 35164

API # 30-025-38216

BTA

API # 30-025-32937

Hudson #2

API # 30-025-31613

23S

34E

Drilling into

23S

34E

35E

mi