

DATE IN <u>9/24/07</u>	SUSPENSE	ENGINEER <u>Richard E.</u>	LOGGED IN <u>9/25/07</u>	TYPE <u>OLM</u>	APP NO. <u>PTDS0726837529</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



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
- [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

COUNTY OF LEA

§
§
§

KNOW ALL MEN BY THESE PRESENTS:

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, LLC., 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 1,056 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 5th day of May, 1998.

KELLER RV, LLC

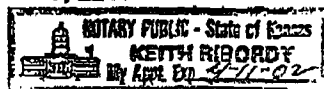
By: Jim Keller
President

STATE OF KANSAS

COUNTY OF LOGAN

§
§
§

This instrument was acknowledged before me this 5th 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	METER TEST	DIFFERENTIAL TEST																
MAKE <input checked="" type="checkbox"/> Barton <input type="checkbox"/> Foxboro <input type="checkbox"/> American <input type="checkbox"/> Other S/N <u>207A-22574</u>	METER TEST Diff. Found <u>0</u> Diff. Left <u>0</u> Zero @ W.P. <u>0</u> Zero @ A.P. <u>0</u> W.P. Zero Reset: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pen Arc: <input checked="" type="checkbox"/> O.K. <input type="checkbox"/> Reset Time Lag: <input checked="" type="checkbox"/> O.K. <input type="checkbox"/> Reset Leaks Found: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Repaired: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Friction Rest: _____	DIFFERENTIAL TEST Meter Found in Calibration: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Meter Left in Calibration: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																
TYPE <input checked="" type="checkbox"/> Bellows <input type="checkbox"/> 2 PEN <input type="checkbox"/> Mercury <input checked="" type="checkbox"/> 3 PEN	STATIC TEST Dead Weight: <u>16.4</u> Meter Found: <u>29.6</u> <input type="checkbox"/> PSIG Meter Left: <u>29.6</u> <input checked="" type="checkbox"/> PSIA	<table border="1"> <tr> <td>P.K. W.C.</td> <td><u>0</u></td> <td><u>8</u></td> <td><u>48</u></td> <td><u>78</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Meter</td> <td><u>0</u></td> <td><u>8</u></td> <td><u>48</u></td> <td><u>88</u></td> <td></td> <td></td> <td></td> </tr> </table>	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>0</u>	<u>8</u>	<u>48</u>	<u>78</u>														
Meter	<u>0</u>	<u>8</u>	<u>48</u>	<u>88</u>														
DIFFERENTIAL RANGE <input type="checkbox"/> 0-50" <input checked="" type="checkbox"/> 0-100" <input type="checkbox"/> Other	THERMOMETER Test Temp: <u>88</u> MAKE RANGE Rec. Temp: <u>88</u> <input type="checkbox"/> Bar. <input type="checkbox"/> 0-120°F Rec. Left: <u>88</u> <input type="checkbox"/> Fox. <input checked="" type="checkbox"/> 0-150°F <input type="checkbox"/> Taylor <input type="checkbox"/> 0-200°F <input type="checkbox"/> Heco <input type="checkbox"/> 10-130°F Other _____ S/N <u>3-1-1-1</u>	ORIFICE PLATE <table border="1"> <tr> <td>TUBE SIZE</td> <td>ORIFICE SIZE</td> </tr> <tr> <td><u>2.067</u></td> <td><u>0.500</u></td> </tr> </table>	TUBE SIZE	ORIFICE SIZE	<u>2.067</u>	<u>0.500</u>												
TUBE SIZE	ORIFICE SIZE																	
<u>2.067</u>	<u>0.500</u>																	
PRESSURE RANGE <input checked="" type="checkbox"/> 0-100# <input type="checkbox"/> 0-250# <input type="checkbox"/> 0-500# <input type="checkbox"/> 0-1000# <input type="checkbox"/> 0-1500# <input type="checkbox"/> Other	SPECIFIC GRAVITY <input type="checkbox"/> Ramarex <input type="checkbox"/> Other	ORIFICE PLATE INSPECTION Orifice Plate Inspected <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Plate Found Damaged <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Plate Found Clean <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Condition of Seal <input checked="" type="checkbox"/> O.K. <input type="checkbox"/> Bad Changed Orifice Plate <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Time Plate Changed: _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. Size Plate Removed: _____ X Size Plate Installed: _____ X Diff. Found _____ Diff. Left _____ <input checked="" type="checkbox"/> Flange Taps <input type="checkbox"/> Pipe Taps Static Conn. Up <input type="checkbox"/> Down <input checked="" type="checkbox"/>																
CHART ROTATION <input type="checkbox"/> 24-Hour <input type="checkbox"/> 7-Day <input checked="" type="checkbox"/> 8-Day <input type="checkbox"/> Other	Gas Sample Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Bottle No.: _____ Pressure: _____ Temp.: _____ Method: H ₂ O disp <input type="checkbox"/> Purge	ORIFICE FITTING Type of Fitting: <input type="checkbox"/> Senior <input checked="" type="checkbox"/> Simplex <input type="checkbox"/> Flange <input type="checkbox"/> Junior <input type="checkbox"/> _____ Condition of Fitting: <input checked="" type="checkbox"/> O.K. <input type="checkbox"/> Needs Attention Make of Fitting: _____																
CHANGE IN DIFFERENTIAL DUE TO: <input type="checkbox"/> FLOW <input type="checkbox"/> PLATE CHANGE <input type="checkbox"/> OTHER		Does run have bypass Yes <input type="checkbox"/> No <input type="checkbox"/> Is it sealed Yes <input type="checkbox"/> No <input type="checkbox"/>																

REMARKS

 NAME Mike
 FOR BTA

 TESTER ☒
 WITNESS ☒ WK

OIL AND GAS CORPORATION

DISTRIBUTION:



Laboratory Services, Inc.

2609 West Marietta
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

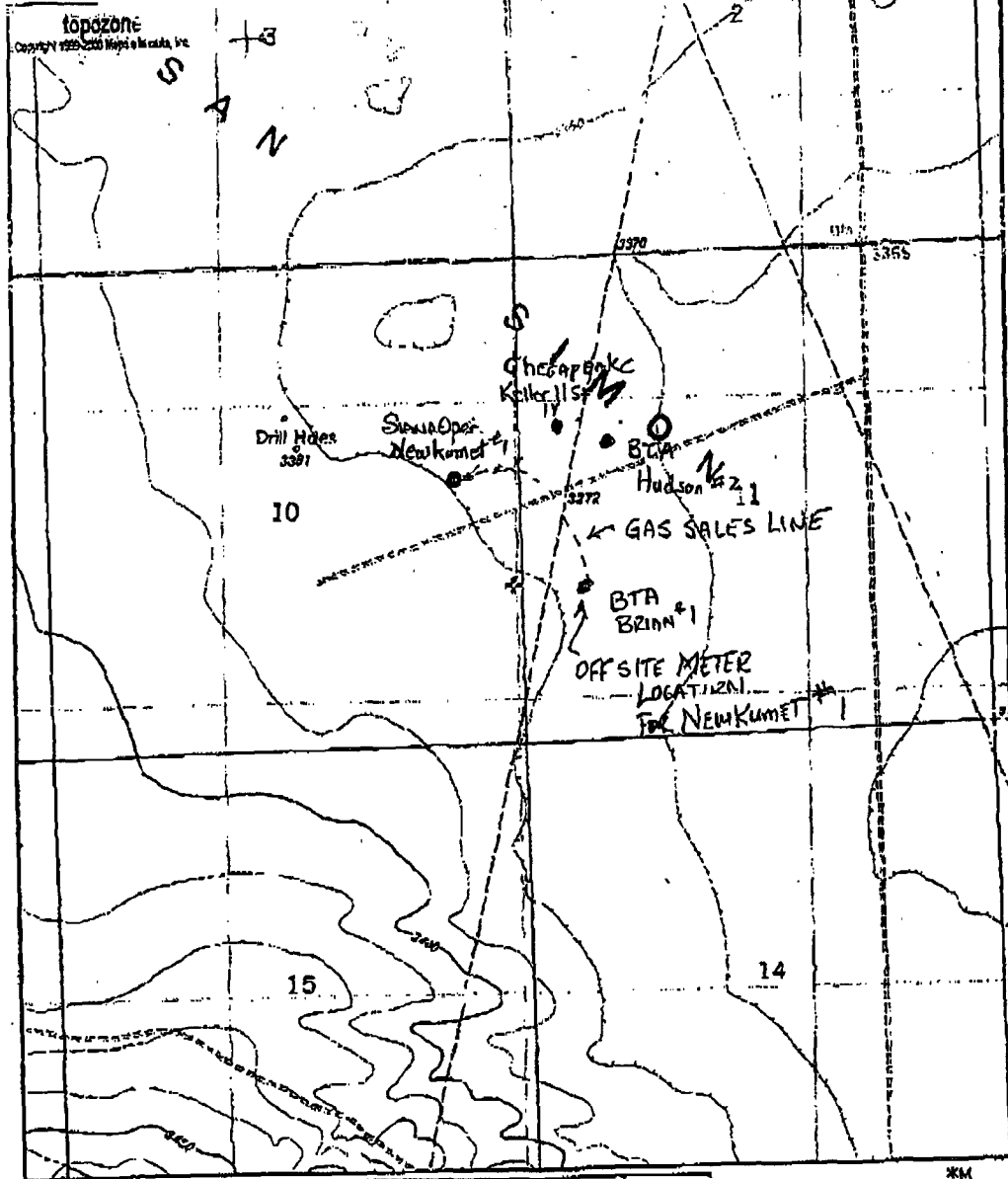
COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H ₂ S)	0.000	
Nitrogen (N ₂)	11.598	
Carbon Dioxide (CO ₂)	0.000	
Methane (C ₁)	61.164	
Ethane (C ₂)	11.112	2.965
Propane (C ₃)	7.007	1.926
I-Butane (IC ₄)	1.466	0.479
N-Butane (NC ₄)	3.447	1.084
I-Pentane (IC ₅)	1.464	0.534
N-Pentane (NC ₅)	1.124	0.406
Hexane Plus (C ₆ +) <u>1.618</u>		<u>0.702</u>
	100.000	8.096

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

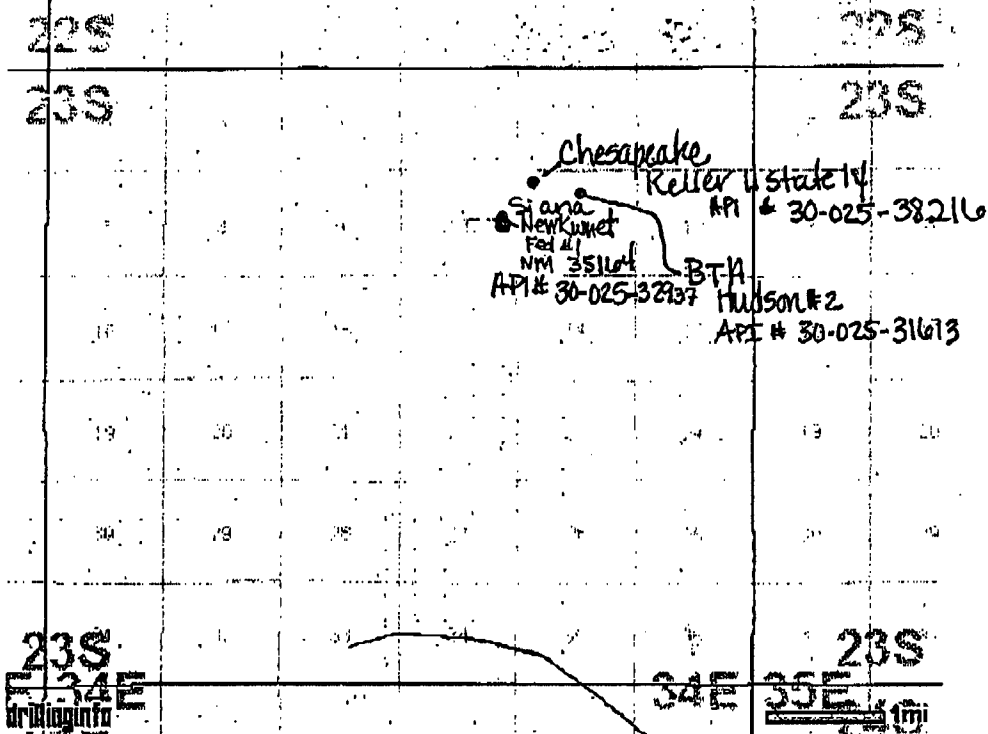
MOLECULAR WT. 25.7099

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=8.513
 G=0.829



Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-NOBBS

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007SUNDRY 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 page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
Slana Operating, LLC3a. Address
P.O. Box 10303
Midland, Texas 797023b. 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

5. Lease Serial No.
NM 35164

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Newkumet Federal #19. API Well No.
30-025-3293710. Field and Pool or Exploratory Area
Antelope Ridge11. 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			
<input 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 checked="" 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 Off Lease Measurement
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

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 - Transporter OGRID #008002. 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.

Title

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

OPERATOR'S COPY

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.

Lease Serial No.
35164

6. If Indian Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Siana Operating, LLC

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

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

8. Well Name and No.
Newkumet Federal #1

9. API Well No.
30-025-32937

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

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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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September 10, 2007 - Submitting additional requested data:

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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

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:

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 1,056 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 5th day of May, 1998.

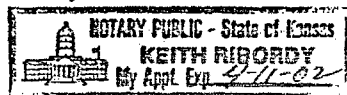
KELLER RV, LLC

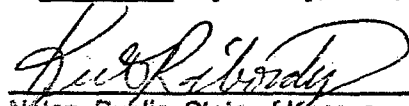
By: 

Jim Keller
President

STATE OF KANSAS §
 §
COUNTY OF LOGAN §

This instrument was acknowledged before me this 5th 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 Delivery

STA. NO.

318

ORIFICE METER

MAKE

- ☒ Barton
☐ Foxboro
☐ American
☐ Other

S/N 201A-22586

TYPE

- ☒ Bellows ☐ 2 PEN
☐ Mercury ☒ 3 PEN

DIFFERENTIAL RANGE

- ☐ 0-50"
☒ 0-100"
☐ Other

PRESSURE RANGE

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

CHART ROTATION

- ☐ 24-Hour
☐ 7-Day
☒ 8-Day
☐ Other

METER TEST

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:

STATIC TEST

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

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 3-12

SPECIFIC GRAVITY

☐ Ranarex
☐ Other

Volume:

Gas Sample Yes ☐ No ☒

Bottle No.:

Pressure:

Temp.:

Method: H₂O disp ☐ Purge

DIFFERENTIAL TEST

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

P.K.	W.C.	0	8	48	78				
Meter		0	8	48	78				
P.K.	W.C.	78	28	0					
Meter		78	28	0					

ORIFICE PLATE

TUBE SIZE

ORIFICE SIZE:

2.067

0.500

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 ☒ Flange Taps ☐ Pipe Taps
 Static Conn. Up ☐ Down ☒

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

FOR

BTA

TESTER

WK

WITNESS

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

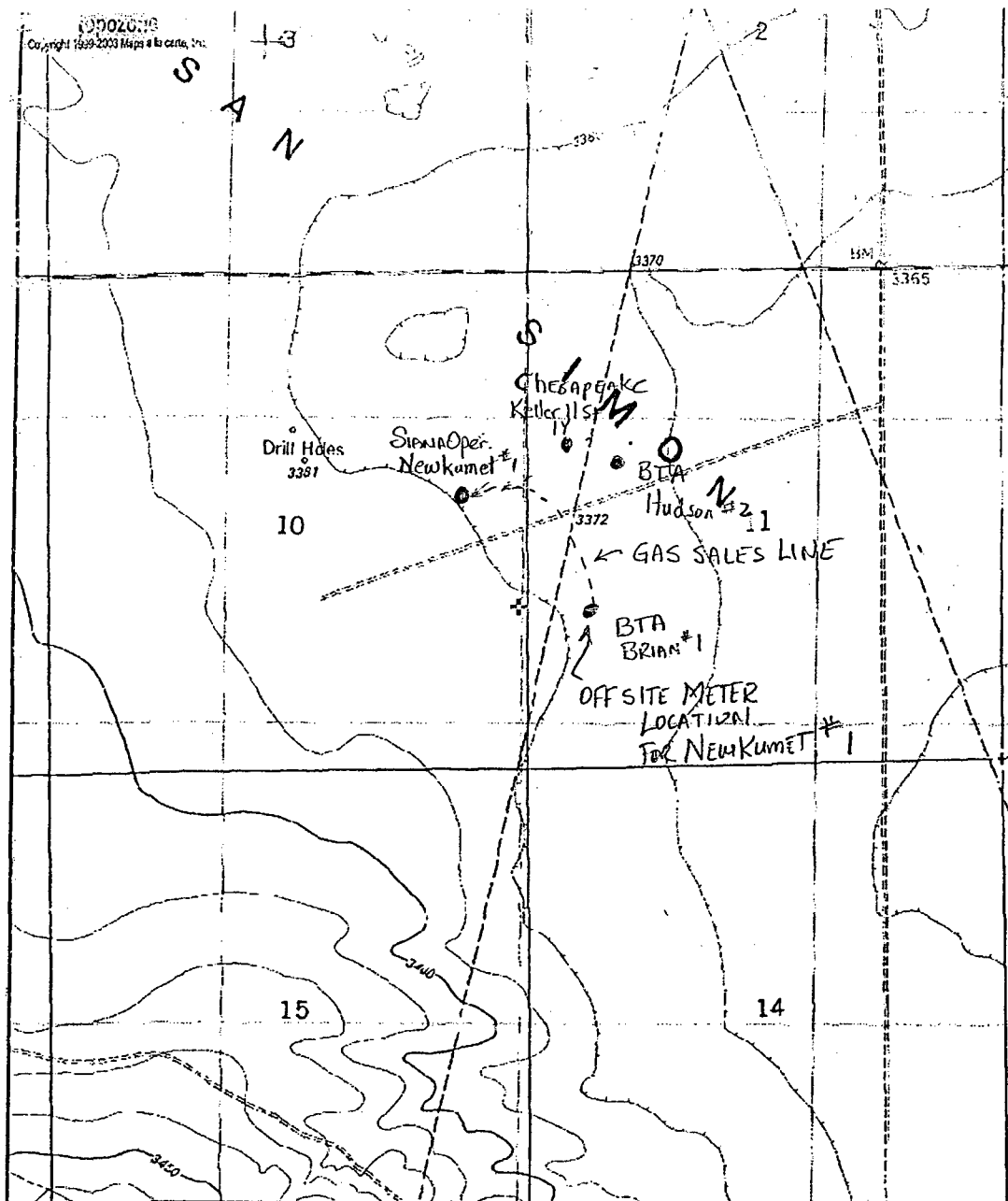
COMPONENT ANALYSIS

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
	100.000	8.096

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



0 0.3 0.6 0.9 1.2 1.5 km
 0 0.2 0.4 0.6 0.8 1 mi

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

