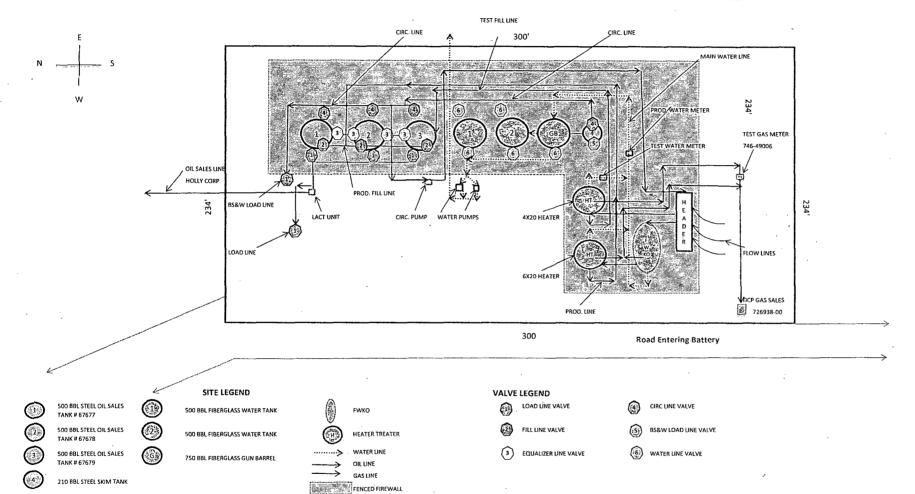
Owned 2012)       UNITED STATES       OCD Artesta         Owned 2012)       DEPARTMENT OF THE INTERIOR       Explore         SUNDRY NOTICES AND REPORTS ON WELLS       5. Lease Serial No.         Do not use this form for proposals to diffi or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.       6. If Indian, Allottee or Tri         I. Type of Well       Oil Well       Gas Well       Other Tank Battery       7. If Unit of CA/Agreement         I. Type of Well       Ool Well       Gas Well       Other Tank Battery       8. Well Non more and No.         I. Type of Well       Gos Mell       Other Tank Battery       9. API Well No.       9. API Well No.         I. Address       Bit Cherge See, See 1800       Bit 7:332-5108       10. Field and Mol or Explo         I. Location of Well (Foortige, See, T.R.M. or Survey Description)       11. County or Parish, State Eddy County, Toxas         I.2. Chefter (Well (Foortige, See, T.R.M. or Survey Description)       11. County or Parish, State Eddy County, Toxas         I.2. Chefter (Well (Foortige, See, T.R.M. or Survey Description)       11. County or Parish, State Eddy County, Toxas         I.2. Chefter (Well (Foortige, See, T.R.M. or Survey Description)       11. County or Parish, State Eddy County, Toxas         I.2. Chefter (Well (Foortige, See, T.R.M. or Survey Description)       12. Chefter and Well (Foortige, See, T.R.M. or Survey Description) <td< th=""><th>RM АРРROVED В No. 1004-0137</th></td<>	RM АРРROVED В No. 1004-0137
March 2013       DNITED STATES       OCD Artesia       OMB         DEPARTMENT OF THE INTERIOR       BUREAU OF LAND MANAGEMENT       SLEase Strain No.         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.       6. If Indian, Allotte or Trill No.         1. Type of Well       Gister State St	B No. 1004-0137
BUREAU OF LAND MANAGEMENT       SUBNORY NOTICES AND REPORTS ON WELLS         Do not use this form for proposals to drill or to re-onter an abandoned well. Use Form 3160-3 (APD) for such proposals.       6. If Indian, Allottee or Trill Abandoned well. Use Form 3160-3 (APD) for such proposals.         SUBMT IN TRIPLICATE – Other instructions on page 2.       7. If Unit of CA/Agreener         Type of Well       Gas Well       Ø Other Tank Battery       8. Well Name and No. Gissler B 31 Federal Ta         Address       Bh. Phone No. (mchade area code)       9. API Well No.         Address       Bh. Phone No. (mchade area code)       9. API Well No.         Address       Bh. Phone No. (mchade area code)       9. API Well No.         Address       Bh. Phone No. (mchade area code)       9. API Well No.         Address       Bh. Phone No. (mchade area code)       9. API Well No.         Compare Address       Bh. Phone No. (mchade area code)       9. API Well No.         Compare Address       Bh. Phone No. (mchade area code)       9. API Well No.         State of Intent       Address       10. Centry Proposal State	es: October 31, 2014
SUNDRY NOTICES AND REPORTS ON WELLS       6. If Indua, Allouze or Trians abandoned well. Use Form 3760-3 (APD) for such proposals.         SUBMIT IN TRIPLICATE - Other instructions on page 2.       7. If Unit of CA/Agreeners	
abandoned well. Use Form 3160-3 (APD) for such proposals.         SUBMIT IN TRIPLICATE – Other instructions on page 2.         Type of Well         Oit Well         Gas Well         Oit Well         Address         Address         Stame of Operator         Address         Address         Stame of Operator         Address         Address         Stame of Operator         It Conjunt of Well (Fooldage, Sec. 7, R.M., or Survey Description)         It Conjunt of Well (Fooldage, Sec. 7, R.M., or Survey Description)         It Conjunt of Well (Fooldage, Sec. 7, R.M., or Survey Description)         TYPE OF SUBMISSION         Type addet Stame addition of the investion and mesured addition addition addition addition addition of the p	ribe Name
SUBMIT IN TRIPLICATE – Other instructions on page 2.       7. If Unit of CA/Agreemen         Type of Well       Git Well       Git Solut       0 ther Tank Battery       8. Well Kenderal Tank Battery         Summer Of Oceration       9. API Well No.       Single Coloration       9. API Well No.         and areas       3b. Phone No. (include area code)       10. Field and Pool of Explo         and the of Oceration       9. API Well No.       9. API Well No.         a Address       3b. Phone No. (include area code)       10. Field and Pool of Explo         and the provide of Well (Footoge, Sec. 7, R, M. or Survey Description)       11. Coastly or Parish, State Edgy Courity, Texas         12. CHECK THE APPROPRIATE BOX(ISS) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER D       TYPE OF ACTION         TYPE OF SUBMISSION       TYPE OF ACTION       Production (StauResume)         Git Subsequent Report       Casing Repair       New Construction       Recomplete         Subsequent Report       Casing Repair       New Construction       Recomplete       Early Machine Andron         Attach the Boy Noice of Intern       Charge Plans       Plag and Abandon       Temporally Abandon         Charge Plans       If the operation recomplete horizonally, give subsurface locations and measured and rure vertical depth of all inspection.         Attach the Bowent Boy Noise must Be file doiny diff all inspe	
	ent, Name and/or No.
Consider B 3-1 Federal Ta      Consider B 3-1 Federal Ta	Gusta # 7
Jument On Co., Inc.       3b. Phone No. (include area code)       10. Field and Yool or Exploited with the set of th	ank Battery
B1 Charge Steeld. Sale 1500       B17-332-5108         H. Location of Well ( <i>Footage, Sec., T.R.,M., or Survey Description</i> )       I1. County or Parish, State Eddy County, Texas         12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER D       TYPE OF SUBMISSION         TYPE OF SUBMISSION       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Parish, State Eddy County, Texas       III. County or Parish, State Eddy County, Texas         III. County or Completed III. County orecou	315:04120
Gen Work, Texas 78180       B17-332-5108         I. Location of Vell (Foolage, Sec., T.,R.,M., or Survey Description)       II. County or Parish, State Eddy County, Texas         12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER D         TYPE OF SUBMISSION       TYPE OF ACTION         I. Notice of Intent       Acidize       Deepen       Production (Start/Resume)         Subsequent Report       Casing Repair       New Construction       Recomplete         Subsequent Report       Casing Repair       New Construction       Recomplete         Subsequent Report       Casing Repair       New Construction       Recomplete         I. Final Abandonment Notice       Corver to Injection       Plug Back       Water Disposil         3. Describe Proposed or Completed Operation: Clearly state all perfinent details, including estimated starting date of any proposed work and the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and mesure basequer reports following completion of the involved operations: at the Gissler B 3-1 Federal Tank Battery. Attached you will find a diagram ayout as well as a proposed location for the combustor and the manifold line connecting the tanks to the combustor. This map al neter that will measure all gas goiling to the combustor unit.         The combustor is an EPA approved combustor. The meter on this unit will be a flow measurement system (FMS) which measure hermal-dispersion flow measurement by completed and report the mothy.         The combustor unit w	loratory Area
Eddy County, Texas         12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER D         TYPE OF SUBMISSION       TYPE OF ACTION         Subsequent Report       Acidize       Deepen       Production (Star/Resume)         Subsequent Report       Casing Repair       New Construction       Reclamation         Final Abandonment Notice       Convert to Injection       Plug and Abandon       Temporarily Abandon         3. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and the proposal is to deepen directionally give subsurface locations and measure date us vertical datephs of all nata the Board under which de work will be performed or provide the Board No. on file will BLMBIA. Require dushsequent reports following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a For testing has been completed. Final Abandon and the mainfold line connecting the tanks to the combustor. This map al neter that will measure all gas going to the combustor at the Gissler B 3-1 Federal Tank Battery. Attached you will find a diagram ayout as well as a proposed tocation for the combustor at the mainfold line connecting the tanks to the combustor. This map al neter that will measure all gas going to the combustor and the mainfold line connecting the tanks to the combustor. This map al neter that will measure all gas going to the combustor unit.         Che combustor is an EPA approved combustor. The meter on this unit will be a flow measurement system (FMS) which measure hermal-dispersion flow measurement hermonethy.         The cond	
TYPE OF SUBMISSION       TYPE OF ACTION         Notice of Intent       Acidize       Deepen       Production (Start/Resume)         Subsequent Report       Casing Repair       New Construction       Recemplete         Temporarity Abandon       Carry State all pertinent details, including estimated starting date of any proposed work and the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and rue vertical depths of all patter the involved operations. If the operation results in a multiple continuits in a new retrical depths of all patter the involved operations. If the operation results in a multiple continuits in a new retrical depths of all patter all requirements, including reclamation in a new mineter.         Suprest Difference of the combustor and the combustor and the manifold line connecting the tanks to the combustor. This map all neter that will measure all gas going to the combustor and the manifold line connecting the tanks to the combustor. This map all neter that will measure all gas going to the combustor unit.         The combustor is an EPA approved combustor. The melter on this unit will be a flow measurement system (FMS) which measure memal-dispersion flow measurement etchnology. Spec sheets for both the VCU (two sizes) and the FMS are attached. The flow combustors will be logged and reported monthly.         The location of the combustor unit.       Title Regulatory Coordinator         New Will file a subsequent sundry once the work has been completed and report the meter number assigned to each combustor.         New Construction of the corbustor.       Title Regulatory Coordinator	e .
TYPE OF SUBMISSION       TYPE OF ACTION         Notice of Intent       Acidize       Deepen       Production (Start/Resume)         Subsequent Report       Casing Repair       New Construction       Recemplete         Temporarity Abandon       Carry State all pertinent details, including estimated starting date of any proposed work and the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and rue vertical depths of all patter the involved operations. If the operation results in a multiple continuits in a new retrical depths of all patter the involved operations. If the operation results in a multiple continuits in a new retrical depths of all patter all requirements, including reclamation in a new mineter.         Suprest Difference of the combustor and the combustor and the manifold line connecting the tanks to the combustor. This map all neter that will measure all gas going to the combustor and the manifold line connecting the tanks to the combustor. This map all neter that will measure all gas going to the combustor unit.         The combustor is an EPA approved combustor. The melter on this unit will be a flow measurement system (FMS) which measure memal-dispersion flow measurement etchnology. Spec sheets for both the VCU (two sizes) and the FMS are attached. The flow combustors will be logged and reported monthly.         The location of the combustor unit.       Title Regulatory Coordinator         New Will file a subsequent sundry once the work has been completed and report the meter number assigned to each combustor.         New Construction of the corbustor.       Title Regulatory Coordinator	
Notice of Intent       Acidize       Deepen       Production (Start/Resume)         Alter Casing       Fracture Treat       Reclamation         Subsequent Report       Casing Repair       New Construction       Recomplete         Image: Completed Operation: Clearly state all perionent details, including estimated starting date of any proposed work and the proposal is to depen directionally give substrate locations and measured and true vertical depths of all Attach the Bond work will be performed or provide the Bond No. on file with BL/MBLA. Required subsequent reports infollowing completion of its with BL/MBLA. Required subsequent reports infollowing completion of the involved operations. If the operation recompletion or recompletion on a neosured substrate locations and measured substrate starting data data of any proposed work and the proposal is to depend incretions. If the operation recompletion or recompletion or recompletion or recompletion on the involved operations. If the operation recults in a multiple completion or recompletion on the winterval, a Fot testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been com determined that the site is ready for final inspection.)         Sumet Oil requests permission to install a combustor and the manifold line connexing the tanks to the combustor. This map al neter that will measure all gas goiling to the combustor unit.         The combustor is an EPA approved combustor. The meter on this unit will be a flow measurement system (FMS) which measure hermal-dispersion flow measurement technology. Spec sheets for both the VCU (two sizes) and the FMS are attached. The flow combustors will be logged and reported monthly.         The location	
Notice of Intent       After Casing       Fracture Treat       Reclamation         Subsequent Report       Casing Repair       New Construction       Recomplete         Change Plans       Plug and Abandon       Temporarily Abandon         3. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and the proposal is to deepen directionally or recomplete horizontally, give substrafae locations and measured and true vertical depths of all 1 Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports is following completion of the involved operations. If the operation reculls is an unitple completion or recomplete horizontally, give substrafae locations and measured and true vertical depths of all attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports is following completion of the involved operations. If the operation reculls is an unitple completion or recomplete horizontally, give substrafae location for an ew interval, a Fe testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been com determined that the site is ready for final inspection.)         Burnet Oil requests permission to install a combustor and the manifold line connecting the tanks to the combustor. This map al neter that will measure all gas goiing to the combustor unit.         The combustor is an EPA approved combustor. The meter on this unit will be a flow measurement system (FMS) which measure hermal-dispersion flow measurement technology. Spec sheets for both the VCU (two sizes) and the FMS are attached. The flow ombustors wi	Water Shut-Off
Subsequent Report     Change Plans     Convert to Injection     Plug and Abandon     Plug Back     Water Disposal     Convert to Injection     Plug Back     Water Disposal     Converted approved work and     the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all     proposed posed location for the combustor at the Gissler B 3-1 Federal Tank Battery. Attached you will find a diagram     ayout as well as a proposed location for the combustor and the manifold line connecting the tanks to the combustor. This map al     neter that will measure all gas goiing to the combustor and the manifold line connecting the tanks to the combustor. The meter on this unit will be a flow measurement system (FMS) which measure     thermal-dispersion flow measurement technology. Spec sheets for both the VCU (two sizes) and the FMS are attached. The flow     combustors will be logged and reported monthly.     The location of the combustor unit was previously approved during a BLM on site on 27 August 2013.     Ne will file a subsequent s	Well Integrity
Final Abandonment Notice           Convert to Injection           Plug Back           Water Disposal          3. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and       the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all         Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports i         following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a FG         testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been com         determined that the site is ready for final inspection.)          Burnett Oil requests permission to install a combustor and the manifold line connecting the tanks to the combustor. This map al         neter that will measure all gas goiing to the combustor unit.          The combustor is an EPA approved combustor. The meter on this unit will be a flow measurement system (FMS) which measure         hermal-dispersion flow measurement technology. Spec sheets for both the VCU (two sizes) and the FMS are attached. The flow         somobustors will be logged and reported monthly.          The location of the combustor unit was previously approved during a BLM on site on 27 August 2013.          Ve will file a subsequent sundry once the work has been completed and report the meter number assigned to each combustor.          A: Thereby centify that the foregoing is true and correct. Name ( <i>Printed/Typ</i>	Other
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports a following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Fo testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been com determined that the site is ready for final inspection.)  Surnett Oil requests permission to install a combusor at the Gissler B 3-1 Federal Tank Battery. Attached you will find a diagram ayout as well as a proposed location for the combustor and the manifold line connecting the tanks to the combustor. This map al neter that will measure all gas goling to the combustor unit.  The combustor is an EPA approved combustor. The meter on this unit will be a flow measurement system (FMS) which measure hermal-dispersion flow measurement technology. Spec sheets for both the VCU (two sizes) and the FMS are attached. The flow sombustors will be logged and reported monthly.  The location of the combustor unit was previously approved during a BLM on site on 27 August 2013.  We will file a subsequent sundry once the work has been completed and report the meter number assigned to each combustor.  Accepted for record NMOCD  Accepted  A	
Ve will file a subsequent sundry once the work has been completed and report the meter number assigned to each combustor.  Accepted for record NMOCD TPS W44  A. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) eslie M. Garvis Title Regulatory Coordinator Signature MALIE MALIE MALIE THIS SPACE FOR FEDERAL OR STATE OFFICE USE	also show the location of the
Accepted for PCOID NMOCD 109 104 4. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) reslie M. Garvis Signature Mallie Signature Mallie This Space for Federal or State office USE	
4. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) eslie M. Garvis Signature Ablie Ablie Ablie Date 9/27/13 THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
4. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) eslie M. Garvis Signature Addie Addie Date 9/27/13 THIS SPACE FOR FEDERAL OR STATE OFFICE USE	_
4. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) eslie M. Garvis Signature Ablie Ablie Ablie Date 9/27/13 THIS SPACE FOR FEDERAL OR STATE OFFICE USE	RECEIVED
4. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) eslie M. Garvis Signature Addie Addie Date 9/27/13 THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Signature Ablee Ables Date 9/27/13 THIS SPACE FOR FEDERAL OR STATE OFFICE USE	JAN 1 2014
Signature Ablee Ables Date 9/27/13 THIS SPACE FOR FEDERAL OR STATE OFFICE USE	MOCD ARTESIA
pproved by	
/s/ Jerry Blakley	JAN 15 2014
onditions of approval, if any, are attached. Approval of this notice does not warrant or certify at the applicant holds legal or equitable title to those rights in the subject lease which would nitle the applicant to conduct operations thereon.	
itle 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 a ictilious or fraudulent statements or representations as to any matter within its jurisdiction.	

BURNETT OIL CO., INC. EDDY COUNTY, NM GISSLER B 3-1 FEDERAL BATTERY SEC 11, T 175, R 30E PAD: 300' X 234'

NOTE: PRODUCED WATER IS TRANSFERRED TO GJSAU WF STATION



f

#### BURNETT OIL CO., INC. EDDY COUNTY, NM GISSLER B 3-1 FEDERAL BATTERY SEC 11, T 175, R 30E

#### ATTACHMENT TO SITE FACILITY DIAGRAM

General sealing of valves, sales by tank guage

#### Production Phase:

Load Line Valves sealed closed. Fill valve to tank that is in production will be open.

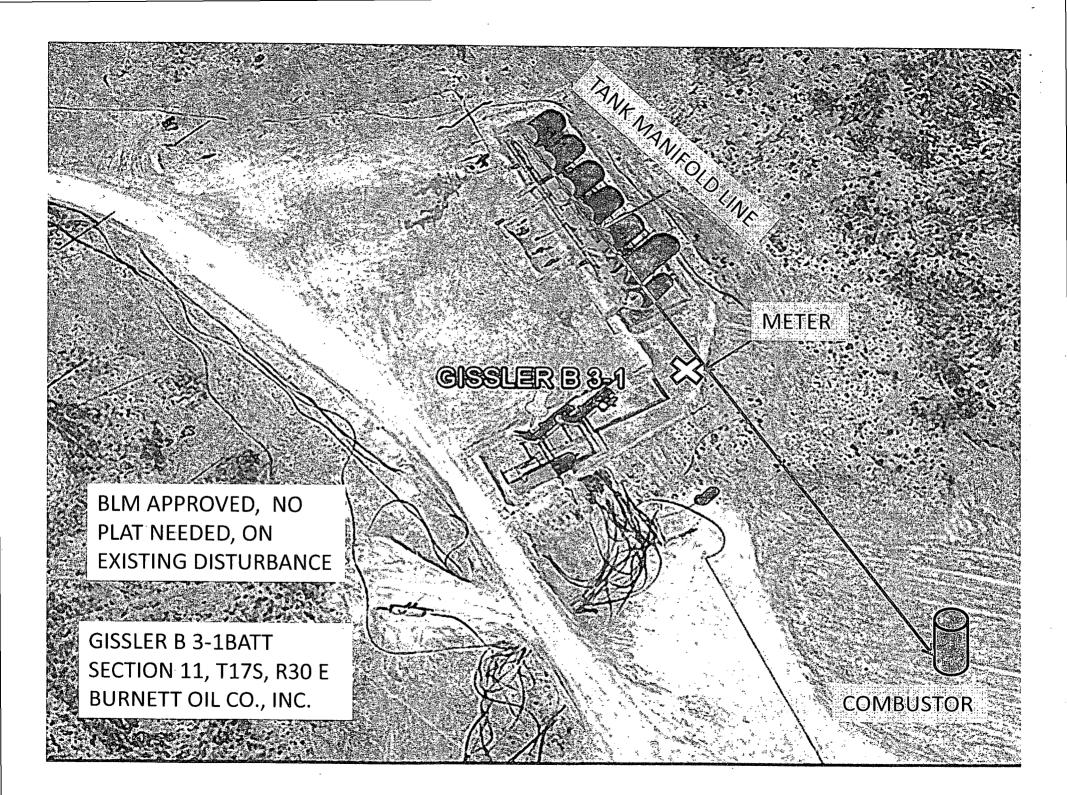
Equalizer valve to tank that is in production will be open. Circulation valves will be opened as necessary, then resealed. BS&W Load Line valve will be sealed at all times, unless cleaning tanks, then resealed once tank maintenance is complete. Sales Phase:

The tank from which sales are being made will be isolated by sealing closed the fill line valve, circulating valve, and the equalizer valve during sales and opening the sales valve. Upon completion of the sale, the sales valve will be resealed. Sales by truck will be by tank gauge. Sales by LACT will be by LACT meter.

0	<u>VALVE</u> LOAD LINE VALVE	PRODUCTION PHASE CLOSED	<mark>SALES PHASE</mark> OPEN	CIRCULATING CLOSED	NOTE
0	PRODUCTION FILL LINE VALVE	OPEN OR CLOSED	CLOSED	CLOSED OR OPEN	
( <b>3</b> )	EQUALIZER LINE VALVE	OPEN	CLOSED	CLOSED OR OPEN	
4	CIRCULATING LINE VALVE	OPEN OR CLOSED	CLOSED	OPEN	RE-SEALED ONCE CIRCULATING IS COMPLETE
6)	BS&W LOAD LINE VALVE	CLOSED	CLOSED	CLOSED	OPEN FOR TANK MAINTENANCE, RESEALED ONCE MAINTENANCE IS COMPLETE
٢	WATER LINE VALVE	OPEN	NA	NA	WATER TANKS ARE ISOLATED FROM OIL PRODUCTION TANKS

÷

Ś





# **Engineering Company, Inc.**

(432) 697-2292 (432) 520-2292 Fax (432) 697-2310 P. O. BOX 4185 MIDLAND, TEXAS 79704 2404 COMMERCE MIDLAND, TEXAS 79703 www.hy-bon.com

Unit

MODEL:	The Abutec 20 & Abutec 100 Vapor Combustor
REFERENCE:	Artesia Locations
QUOTE NO.:	Q20327RF Revised 8-8-13
то:	Calvin Bankes
DATE:	8/8/2013

### Dear Calvin:

In response to your inquiry, HY-BON Engineering, Co. is pleased to offer the following proposal for a HY-BON enclosed Vapor Combustor Unit (VCU). There are two models: *Abutec 20* (up to 22 mcfd) and *Abutec 100* (up to 100 mcfd) Medium Temperature Flares (MTF). Our VCU design incorporates HY-BON's 60+ years' experience with tank vapors with a combustor design which is highly effective, tested and certified "99% plus" for destruction of vent emissions from oil and condensate tank batteries, loading operations and storage facilities. The following items will show the advantages and benefits of incorporating this equipment into the Storage Tank facility:

### ADVANTAGES OF USING HY-BON's UNIQUE Combustor Technology:

- Operating Temperatures up to 2100 degrees Fahrenheit
- Compact & Easy to Install Design (UNIT ARRIVES FULLY ASSEMBLED AND TESTED)
- Eliminate Pilot Gas and operate on Process Gas ONLY
- **Completely Enclosed Combustion** prevents the environment from being exposed to IR radiation, heat and light. Low risk of fire.

### **Economically Efficient Vapor Elimination:**

- Our enclosed VCU is a stainless steel enclosed flare design capable of meeting industry's regulations while offering you significant cost savings. This flare is proven throughout the world and is scalable to your application.
- Highest Destruction Removal Efficiency (DRE) in the industry
- Our Combustors are tested and certified according to EPA 40 CFR 60, subpart OOOO. The MTF model achieves 99%+ DRE
- Offers "Alternate Operating Scenario" for Permit Compliance during maintenance of Vapor Recovery Units and other site operations.

### Other relative points to note for the *Abutec 20* and *Abutec 100*:

• CDM Compliant

ه شر أحد

- EPA 40 CFR 60, Subpart OOOO Compliant
- Completely Enclosed Combustion
- Low Capital and Operating Costs
- Meets 40 CFR 60.18 regulations
- 99%+ Destruction Efficiency (third party verified)
- Very High Turndown Ratio
- Only requires 220 btu/ft<sup>3</sup> gas to maintain combustion
- Fully automated system based on pressure, with data logging on temperature, pressure, run time (additional parameters optional).
- Output via thumb drive, to a SCADA system, or wireless connection to company computer or IPHONE.
- High Temperature Flares (HTF) with 99.99% DRE are also available

### Stack/Vent Height

- Stack/Vent height is important in dispersion of emissions and permitting.
- Effective stack height shall be calculated by the equation specified in 30 TAC §111.151(c) <u>http://www.tceq.state.tx.us/assets/public/permitting/air/Announcements/o</u> <u>g\_pro\_010018106.pdf</u>
- The *Abutec 20* and *Abutec 100* are normally 16 ft. stack height but come with the option of 20 ft. stack height

### Technical Summary:

## Flare Gas Stream: Abutec 20 Mscfd

Type: Enclosed Tank Battery Flare Composition: 2200 btu/ft3 gas **Temperature**: Ambient to 100°F +/- 20 deg°F Flow Rate: up to 22,110 scfd (standard cubic feet per day) or 15 scfm Auxiliary Fuel Requirements: N/A Burner Size: 2.39 million BTU/hr (0.7 MW) Inlet Pressure Requirements: 2-4 oz/in2 (3.5-7.0 "w.c.") Turndown Ratio: 2:1 Mechanical **Design Wind Speed**: 100 mph Ambient Temperature: -30 deg°F up to 120 deg°F Electrical Area Classification: General Area Classification (non-hazardous) **Elevation**: Up to 3,000 ft ASL – please advise if higher elevation Process Smokeless Capacity: 100% Operating Temperature 1400 deg°F to 2100 deg°F (1500 deg°F Nominal); Retention Time 0.3 sec Flare Inlet Pressure 2-4 oz/in2 (3.5-7.0 "w.c.") Utilities Pilot Gas Process Gas Electricity 1 Phase, 60 Hz, 120V / 10A (Solar Option) Auxiliary Fuel N/A Emissions Destruction Efficiency: 99% DRE

### Flare Gas Stream: Abutec 100 Mscfd

**Type:** Enclosed Tank Battery Flare

Composition: 2200 btu/ft3 gas

**Temperature:** Ambient to 100°F +/- 20 deg°F

Flow Rate: up to 100,000 scfd (standard cubic feet per day) or 69.5 scfm

Auxiliary Fuel Requirements: N/A

**Burner Size**: 9.21 million BTU/hr (2.7 MW), Inlet Pressure Requirements 2-4 oz/in2 (3.5-7.0 "w.c.") Turndown Ratio 5:1

### Mechanical

ون أن

Design Wind Speed: 100 mph

Ambient Temperature: -30 deg°F up to 120 deg°F

Electrical Area Classification: General Area Classification (non-hazardous)

**Elevation**: Up to 3,000 ft ASL – please advise if higher elevation

### Process

Smokeless Capacity: 100%

**Operating Temperature**: 1400 deg°F to 2100 deg°F (1500 deg°F Nominal); Retention Time 0.3 sec

Flare Inlet Pressure: 2-4 oz/in2 (3.5-7.0 "w.c.")

### Utilities

Pilot Gas Process Gas

Electricity 1 Phase, 60 Hz, 120V / 10A (Solar Option) Auxiliary Fuel N/A

### <u>Emissions</u>

Destruction Efficiency: 99% DRE

### **EPA Federal Environmental Compliance:**

- The recent publication of the Federal Register applies the Quad O New Point Source regulations that state that all Storage Tank facilities constructed on or after August 23,
  - 2011 will need to be at or below 6 Tons of VOC's per year.

Includes new source performance standards for VOC's and sulfur dioxide and new air toxics standards for oil and natural gas production and natural gas transmission.

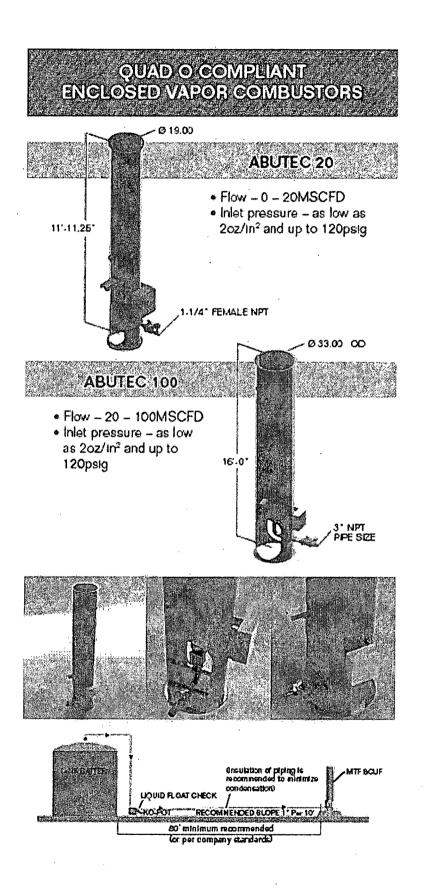
- "Condensate & crude oil storage tanks Effects every tank battery (and all major modifications) installed since August 2011 with the "potential to emit" 6 tons or more of VOC's. This equates to 20 to 50 barrels of oil a day throughput, or 1 to 10 barrels of condensate – *basically every new tank battery in the United States.*
- Requires all crude oil and condensate tanks to control their air toxics by at least 95 percent. In addition, emissions from these tanks will be counted towards determining whether a facility is a major source.
- These new regulations require, by federal statute, a VRU, Combustor or a Flare on every new or modified oil and condensate tank battery across the United States installed or modified since August 23, 2011. Each site must be in full compliance by October 15, 2013
- The use of a HY-BON Enclosed Vapor Combustor, when combined with a HY-BON Vapor Recovery Tower and/or, HY-BON Vapor Recovery Unit (VRU) is considered a "Total Solutions Approach" to reducing emissions.

### Health and Safety Concerns:

Capturing storage tank vapors with an EVC reduces the potential for dangerous flammable vapors collecting in low areas on location during still days and/or potentially hazardous gases (Hydrogen Sulfide Gas) escaping, threatening human and animal life.

واسر

5



۵,



# MENTEGAS MANAGEMENT

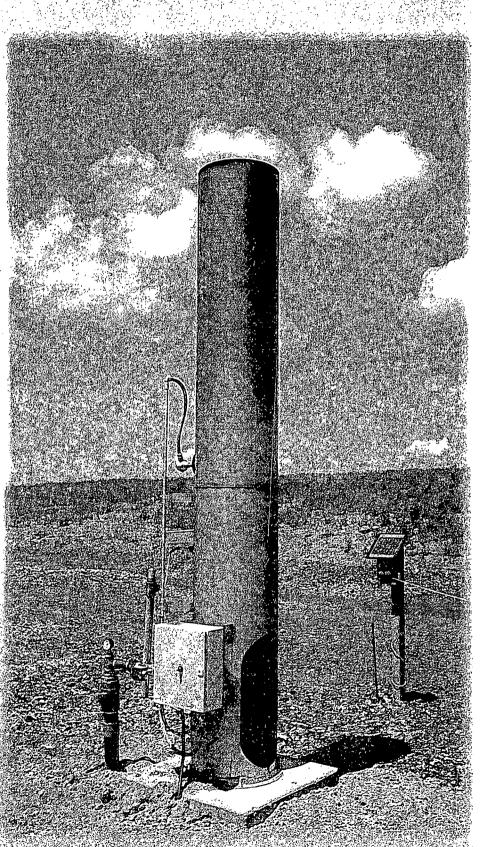
## Vapor Combustor Unit

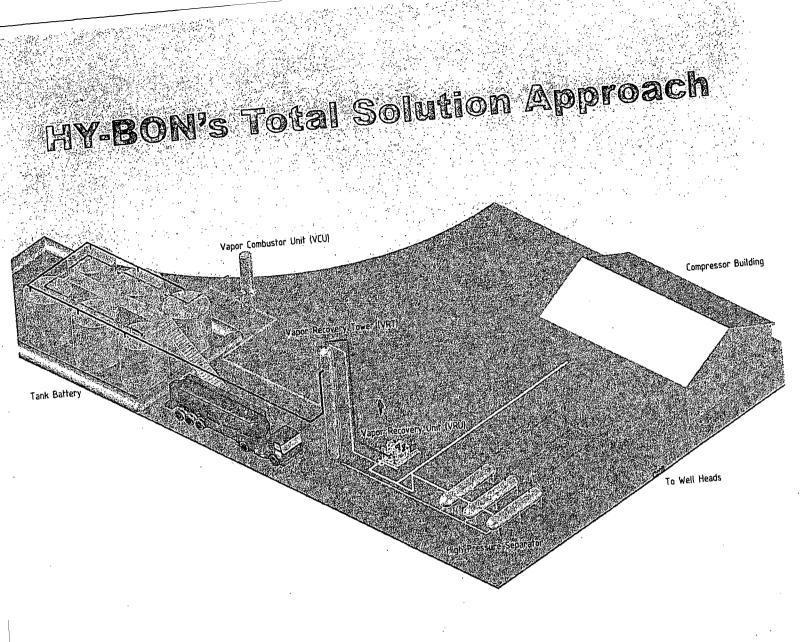
Enclosed Vapor Combustor Units can be used to destroy VOC's from a storage tank facility. The enclosed VCU provides a solution when vapor recovery is not economically viable, or as a backup for a Vapor Recovery Unit.

The enclosed VCU has been Quad O Performance Tested at 99% Destruction Removal Efficiency (DRE), exceeding the 95% DRE required by the new regulations. The VCU package includes a control box that logs operational data, as required in the new regulations.

The enclosed VCU has two standard sizes: • Abutec 20: Up to 20 MSCFD

• Abutec 100: Up to 100 MSCFD





Electronic Design for Industry

HY-BON Engineering Company

2404 Commerce Drive Midland, TX 79703 Phone: (432) 697-2292 Fax: (432) 697-2310

100 Ayers Blvd. Belpre, OH 45714 Phone: (740) 401-4000

Fax: (740) 401-4005

n.n.n. 1

www.ediplungerlift.com

www.hy-bon.com



 RVICE

 DIFF"

 0) 401-4005

 (423) 697-2292

 (423) 5

(740) 401-4000 Fax (740) 401-4005 100 AYERS BLVD. BELPRE, OHIO 45714 www.ediplungerlift.com (423) 697-2292 (423) 520-2292 Fax (432)697-2310 P.O. Box 4185 MIDLAND, TEXAS 79704 2404 COMMERCE MIDLAND, TEXAS 79703 www.hy-bon.com

(-R)

# Flow Measurement System

The Flow Measurement System measures the flow rate of gas using thermal-dispersion flow measurement technology. The system can be configured to measure the flow rate in SCFM, SCFH, MCFH or MCFD. The current flow rate is displayed on the LCD screen. The system records logs at a configurable interval from 1 second to 10 minutes. Interval logs include the flow rate, minimum flow rate, maximum flow rate, and average (median) flow rate. The logs can be saved to a USB key as a CSV file and opened in Excel. These logs meet the **EPA Quad O** reporting requirements.

### **Technical Specifications**

### MEMORY

512KB EEPROM Memory Stores all settings and Interval Logs

### POWER

Operating Voltage: 24 VDC Power Supply: 100-240 VAC input / 24 VDC output

### LCD SCREEN

4 line x 20 Character LCD Screen

### INPUTS

Flow Probe (0-100 fps) Input Range: 4-20ma Supply Voltage: 24 VDC

### ENVIRONMENTAL

Operating Temperature: -30°C to 85°C (-22°F to 185°F) Operating Humidity: 5 to 95%, non-condensing

### ENCLOSURE

Weatherproof Painted Steel Enclosure UL Types 12 & 13 CSA Type 12 NEMA Types 12 & 13 Dimensions: 10" H x 10" W x 6" D

### INSTRUMENT

Media Compatibility: All gas and liquids compatible with 316 stainless steel. Process Connection: Insertable ½" NPT

Accuracy: +- 1 % of reading, +-0.5 % of full scale+-0.05 SFPS Repeatability: +- 0.5 of reading

Flow Range: From 0 to 100 ft/sec velocity; folw range depends on pipe size. Operating Pressure: 150 psig Teflon ferrule, 500 psig stainless Ferrule

Operating Temperature: Standard -40F to 250F

Materials of Construction: (wetted parts) 316L stainless steel with Hastelloy C-22 thermowells.

### **TRANSMITTER/ELECTRONICS**

Enclosure: NEMA 4X, Anodized aluminum Operating Temperture: -40F to 160F Output Signals: 4-20mA (500 ohm max load) Input Power: 24Vdc Max 2.5 Watts.

### AGENCY APPROVALS

FM & FMc / CE Mark: Class I Division 2, Groups A, B, C & D Class II Division 2, Groups E, F, & G Class III, T4 @ Ta= 71C type 4X NEMA Enclosure: Nonincendive

### COMMERCIAL:

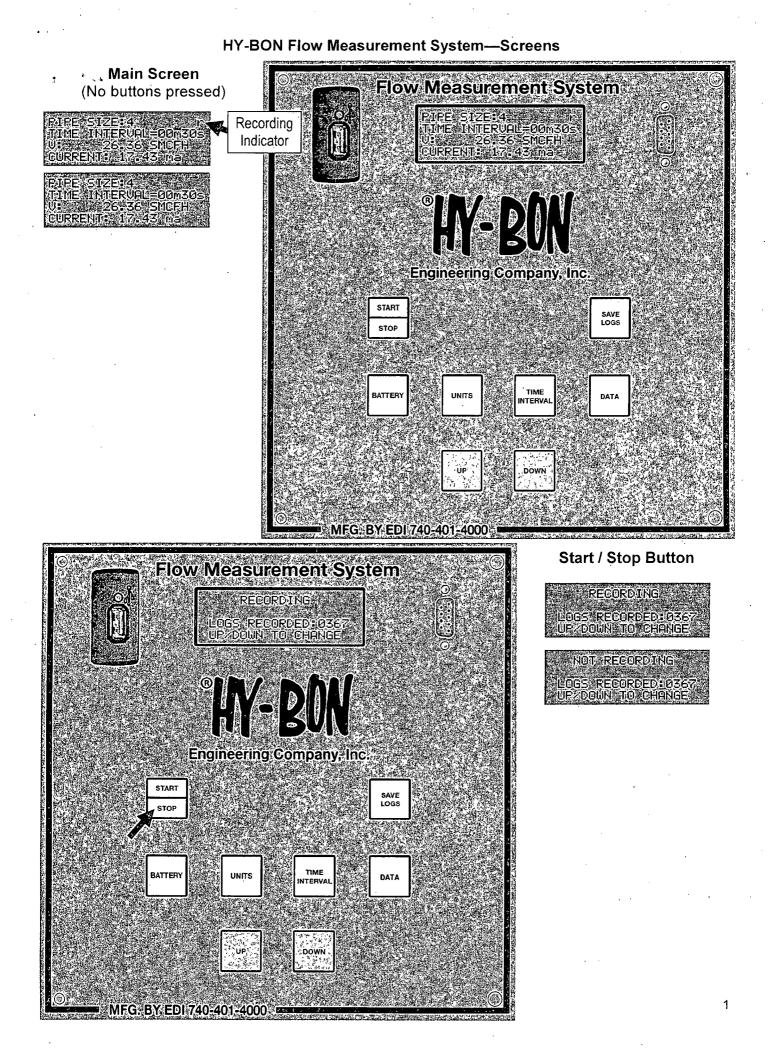
Unit price 1 piece: Unit price 5 piece: Unit price 10 piece: Delivery: US\$6,500.00 FOB, Belpre, Ohio US\$6,175.00 FOB, Belpre, Ohio US\$5,850.00 FOB, Belpre, Ohio 1 Unit: 8 Weeks from date of order

If you have any questions or comment on the above data, please do not hesitate to contact the undersigned.

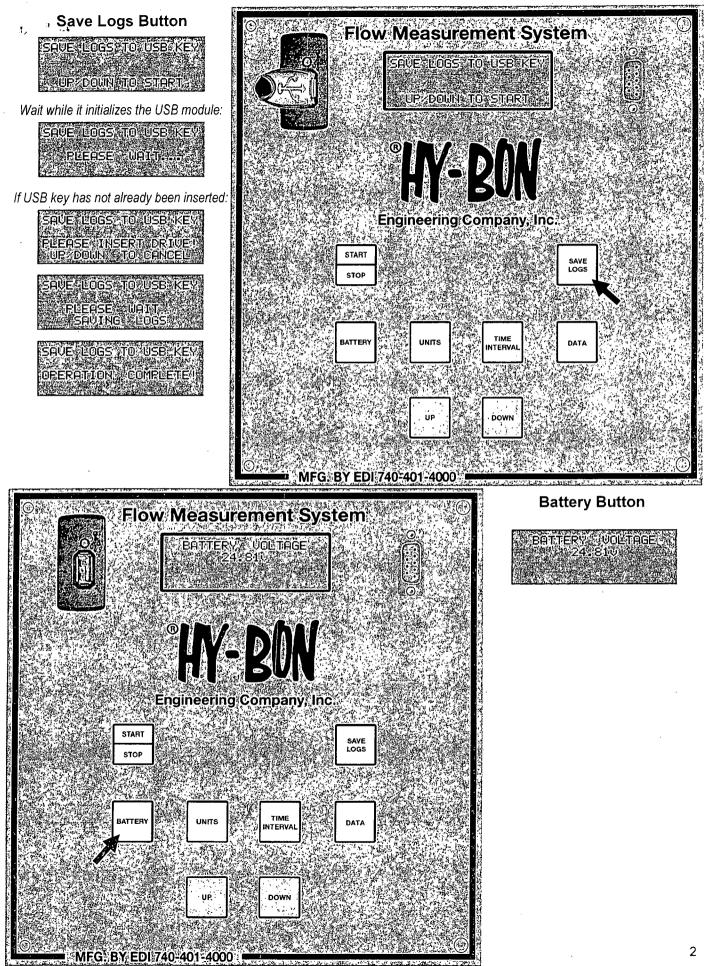
Thank you and best regards,

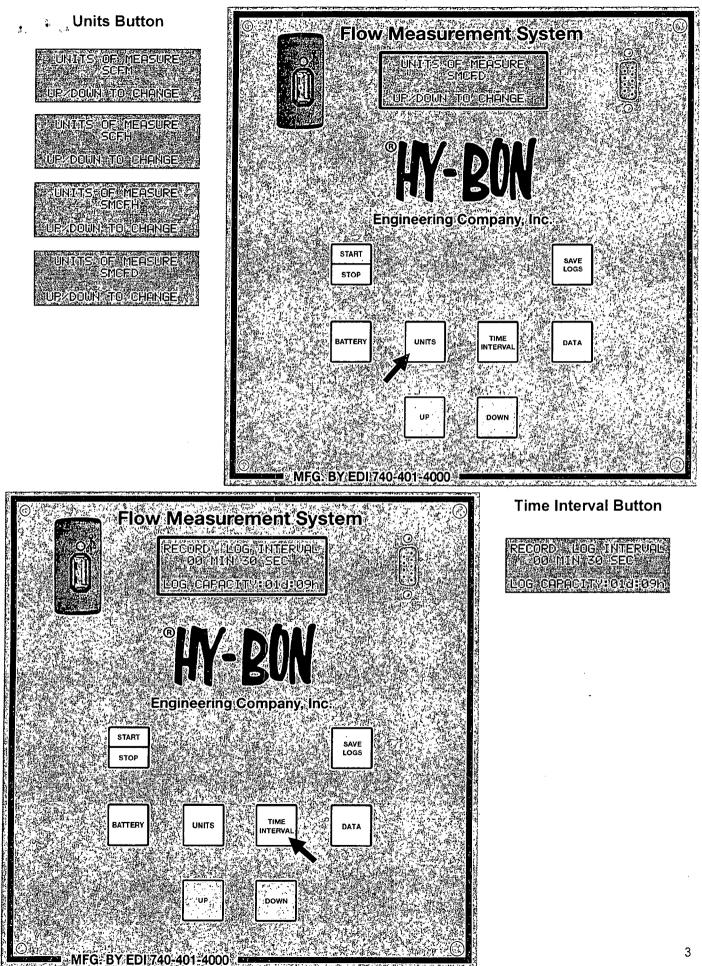
Scott Baker

Sales EDI Office 740-401-4000 Cell 740-525-1838 sbaker@ediplungerlift.com www.ediplungerlift.com



### HY-BON Flow Measurement System—Screens





1

**Data Button** Flow Measurement System PIPE SIZER **PIPEASIZE:** NUP DOWN TO CHANGE VPZDOWN TO CHANGE \*\*\* ERASE LOGS \*\*\* PN-BM UPCS DOWN TO CLEAR \* ERASEALOGS \* Engineering Company, Inc. LOGS CLEARED START SAVE LOGS STOP SET-REAL TIME GLOCK 12/31/06 00:01:24 . . 24 UP COWN STO CHANGE тіме BATTERY UNITS DATA INTERVAL 12 31 13 00:01:26 A SET KYEAR DOWN UP 05/31/13 00:01:42 ... ET MONTH: 05 MFG. BY EDI 740-401-4000 05/23/13) 00:02:03 SET DAY 4.05/23/13 09:02:17 SET HOUR: 09 05/23/13 209:27:39 ET MINUTES: 05/23/13 10:09:27:51 15.TH15 CORRECT? 2UR=YES DOWN=N0.14

4

### **BLM Lease Number:**

### NMNM2748,NMNM2747,NMLC029338A,NML C030570A,NMLC029415A, NMLC055958.

### Company Reference: Burnett Oil Company.

Well Name & Number:

Gissler B 3-1 Federal Tank Battery Jackson B 2 Federal Tank Battery Gissler A Federal Tank Battery Stevens A Federal Tank Battery Jackson B 5 Federal Tank Battery Gissler B 3-2 Federal Tank Battery GJSAU Federal Tank Battery Partition Federal Tank Battery Stevens B Federal Tank Battery Gissler B 2 Federal Tank Battery Jackson A Yeso & Grayburg Federal Tank Battery

### STANDARD STIPULATIONS FOR OIL AND GAS RELATED SITES

A copy of the Sundry Notice and attachments, including stipulations and map, will be on location during construction. BLM personnel may request to view a copy of your permit during construction to ensure compliance with all stipulations.

The holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer, BLM.

1. The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant and for all response costs, penalties, damages, claims, and other costs arising from the provisions of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. Chap. 82, Section 6901 et. seq., from the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. Chap. 109, Section 9601 et. seq., and from other applicable environmental statues.

2. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976, as amended (15 U.S.C. 2601, et. seq.) with regard to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized by this grant. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation and Liability Act, Section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the Authorized

Officer concurrent with the filing of the reports to the involved Federal agency or State government.

3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et. seq. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et. seq.) on the right-of-way (unless the release or threatened release is wholly unrelated to the right-of-way holder's activity on the right-of-way). This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.

4. If, during any phase of the construction, operation, maintenance, or termination of the site or related pipeline(s), any oil or other pollutant should be discharged from site facilities, the pipeline(s) or from containers or vehicles impacting Federal lands, the control and total removal, disposal, and cleanup of such oil of other pollutant, wherever found, shall be the responsibility of the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages to Federal lands resulting therefrom, the Authorized Officer may take such measures as deemed necessary to control and cleanup the discharge and restore the area, including, where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve the holder of any liability or responsibility.

5. Sites shall be maintained in an orderly, sanitary condition at all times. Waste materials, both liquid and solid, shall be disposed of promptly at an appropriate, authorized waste disposal facility in accordance with all applicable State and Federal laws. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, petroleum products, brines, chemicals, oil drums, ashes, and equipment.

6. In those areas where erosion control structures are required to stabilize soil conditions, the holder shall install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound management practices. Any earth work will require prior approval by the Authorized Officer.

7. 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 a color which simulates "Standard Environmental Colors" designated by the Rocky Mountain Five-State Interagency Committee. The color selected for this project is **Shale Green**, Munsell Soil Color Chart Number 5Y 4/2.

8. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on public or Federal land shall be immediately reported to the Authorized Officer. The holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to the proper mitigation measures will be made by the Authorized Officer after consulting with the holder.

9. A sales contract for removal of mineral material (caliche, sand, gravel, fill dirt) from an authorized pit, site, or on location must be obtained from the BLM prior to commencing construction. There are several options available for purchasing mineral material: contact the BLM office (575-234-5972).

10. The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

11. Once the site is no longer in service or use, the site must undergo final abandonment. At final abandonment, the site and access roads must undergo "final" reclamation so that the character and productivity of the land are restored. Earthwork for final reclamation must be completed within six (6) months of the abandonment of the site. All pads and facility locations and roads must be reclaimed to a satisfactory revegetated, safe, and stable condition, unless an agreement is made with the landowner or BLM to keep the road and/or pad intact. After all disturbed areas have been satisfactorily prepared, these areas need to be revegetated with the seed mixture provided. Seeding should be accomplished by drilling on the contour whenever practical or by other approved methods. Seeding may need to be repeated until revegetation is successful, as determined by the BLM.

Operators shall contact a BLM surface protection specialist prior to surface abandonment operations for site specific objectives (Jim Amos: 575-234-5909).

12. The holder shall stockpile an adequate amount of topsoil where blading occurs. The topsoil to be stripped is approximately 6 inches in depth. The topsoil will be segregated from other spoil piles. The topsoil will be used for final reclamation.

13. The holder will reseed all disturbed areas. Seeding will be done according to the attached seeding requirements, using the following seed mix.

( ) seed mixture 1
( ) seed mixture 2
( x) seed mixture 2/LPC

( ) seed mixture 3
( ) seed mixture 4
( ) Aplomado Falcon Mixture

14. In those areas where erosion control structures are required to stabilize soil conditions, the holder will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound resource management practices.

15. Special Stipulations:

Lesser Prairie-Chicken

1 9 -

Oil and gas activities will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 ft. from the source of the noise.