

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APR 12 2019  
OCD Artesia

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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 ~~submitting~~ **DISTRICT ARTESIA O.C.D.***

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. SOUTH BOYD FEDERAL COM 14H
2. Name of Operator PERCUSSION PETRO OPERATING LLC Contact: MICHAEL MARTIN Email: Michael@percussionpetroleum.com	9. API Well No. 30-015-44881-00-X1
3a. Address 919 MILAM STREET SUITE 2475 HOUSTON, TX 77002	10. Field and Pool or Exploratory Area GLORIETTA
3b. Phone No. (include area code) Ph: 281-974-6817	11. County or Parish, State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T19S R25E NENE 333FNL 630FEL 32.623505 N Lat, 104.465981 W Lon	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 Site Facility Diagram/Security Plan
	<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 recomple 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 recompletion 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.

Notification of submittal of an updated Site Facility Diagram reflecting installation of individual flaring equipment for the SOUTH BOYD FEDERAL COM 14H 3001544881 well.

GC 4/15/19  
Accepted for record - NMOCD

Due to equipment constraints at the South Boyd facility, the produced gas from the South Boyd Federal Com 14H well API 3001544881 must be flared through additional equipment installed on the adjoining Pan Canadian B3 API 3001525311 wellsite location Fed Lse# NNMN0504364B. All of the gas being flared from the 14H well is first metered at the South Boyd facility before flowing to the Pan Canadian B3 wellsite flare. The only gas being flared at the Pan Canadian B3 wellsite is exclusively from the South Boyd Federal Com 14H well.

This Site Facility Diagram applies to all of the following Federal wells:  
Completion      API#      NM Lse #

**ACCEPTED FOR RECORD**

APR - 8 2019

*D. McKinney*      LIS

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

Electronic Submission #460294 verified by the BLM Well Information System  
For PERCUSSION PETRO OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 04/08/2019 (19DLM0389SE)

Name (Printed/Typed)    DAVID HARSELL	Title    CONSULTANT
Signature                      (Electronic Submission)	Date    04/04/2019

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

Approved By _____	Title _____	Date _____
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)

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

**Additional data for EC transaction #460294 that would not fit on the form**

**32. Additional remarks, continued**

SOUTH BOYD FEDERAL COM 13H 3001544880 NMNM0504364B ✓  
SOUTH BOYD FEDERAL COM 14H 3001544881 NMNM0504364B ✓  
SOUTH BOYD FEDERAL COM 18H 3001544685 NMNM0504364B ✓  
SOUTH BOYD FEDERAL COM 19H 3001544686 NMNM0504364B ✓  
SOUTH BOYD FEDERAL COM 20H 3001544723 NMNM0504364B

# PERCUSSION PETROLEUM OPERATING, LLC

## SITE FACILITY DIAGRAM

South Boyd Federal Com Tank Battery  
 Legal: NW/NE, SEC. 34, T19S, R25E  
 Lease #: NM0504364B  
 County: Eddy, New Mexico

### Wells on Location:

South Boyd Federal Com 18H  
 API# 3001544685  
 South Boyd Federal Com 19H  
 API# 3001544686

### Remote Wells Using Location:

South Boyd Federal Com 13H  
 API# 3001544880  
 South Boyd Federal Com 14H  
 API# 3001544881  
 South Boyd Federal Com 20H  
 API# 3001544723

Mixed Line	→
Gas Line	→
Oil Line	→
Water Line	→
Berm	—
Ball Valve Fill Valve	
Ball Valve Drain Valve	
Ball Valve Equalize Valve	
Ball Valve Load Line	
Oil Meter	
Water Meter	
Gas Meter	

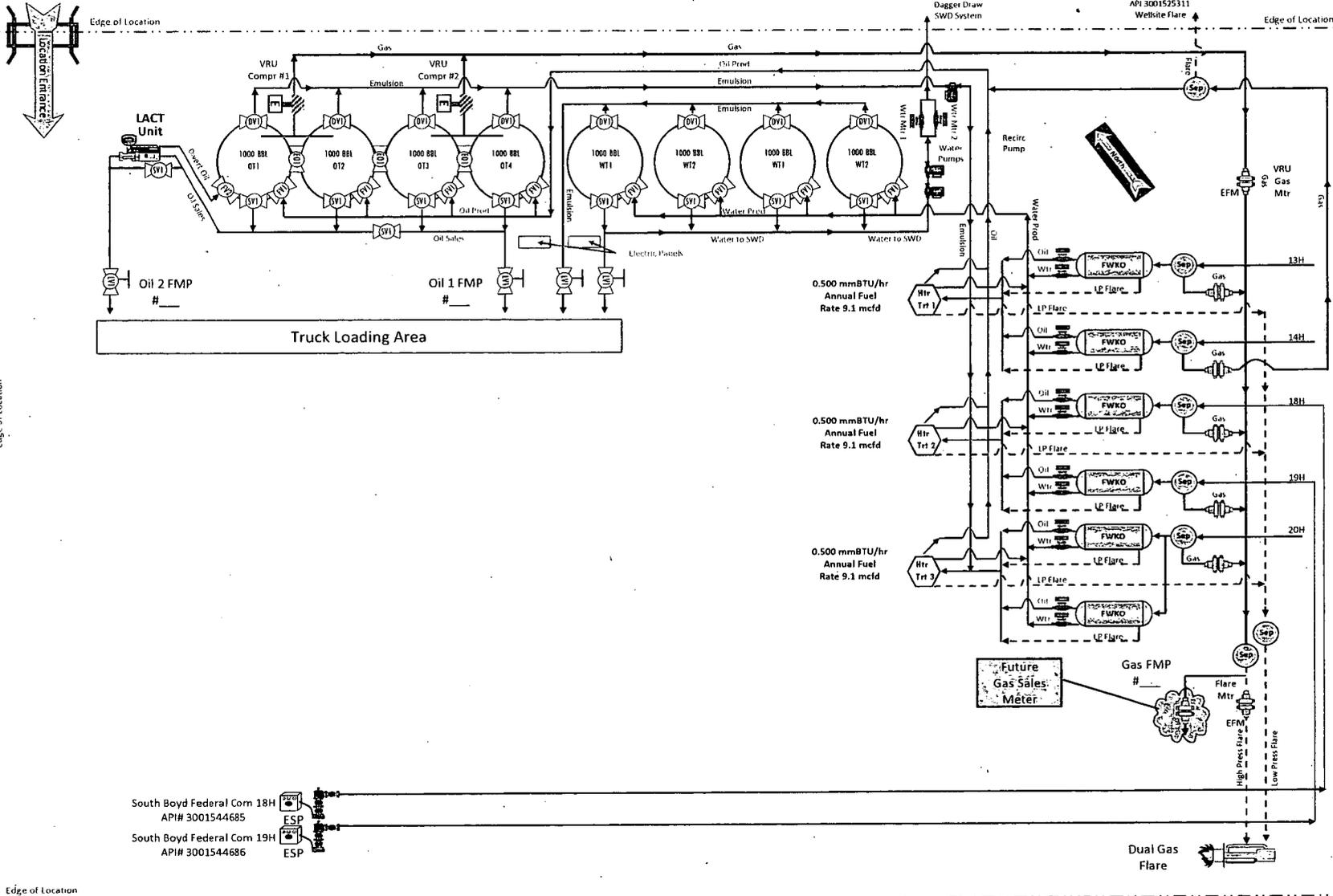
Printed Name: David Harsell

Signature:

Date: 3/22/2019

## DART Consulting

DART.Consulting@yahoo.com  
 Spring, TX 713-416-3651



South Boyd Federal Com 18H  
 API# 3001544685

South Boyd Federal Com 19H  
 API# 3001544686



To Pan Canadian B3  
 API 3001525311  
 Website Flare

Dual Gas Flare

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 South Boyd Federal Com 14H  
 API# 3001544881  
 South Boyd Federal Com 20H  
 API# 3001544723

## Estimated Fuel Gas Consumption Calculations

Sales Gas BTU Rating: 1,300 mmbtu / cf

Equipment	Annual Usage Factor	Process Efficiency Factor	Efficiency Utilization Factor	Equipment Name Plate Fuel Rating (mmbtu/hr)	Fuel Usage MCFD
<b>FIRETUBES / HEATERS:</b>					
#1 Heater Treater Firetube	1.00	0.65	0.60	0.500	9.1
#2 Heater Treater Firetube	1.00	0.65	0.60	0.500	9.1
#3 Heater Treater Firetube	1.00	0.65	0.60	0.500	9.1

\*\*\*Estimated Gas BTU Analysis based on area wells

Annual Usage Factor	Process Efficiency Factor	Efficiency Utilization Factor	Equipment Name Plate Fuel Rating (mmbtu/hr)	24 hrs/Day	1000 ft <sup>3</sup> /mcf	Gas BTU Content (mmbtu/ft <sup>3</sup> )
1.00	0.65	0.60	0.50	24	1000	1300
9.1 MCFD						

Usage Factor: Actual in-field equipment usage per year.  
 Process Efficiency Factor: Inherent energy losses associated with fuel consumption.  
 Efficiency Utilization Factor: Daily utilization of the equipment in the field.  
 Name Plate Fuel Rating: Manufacturer's equipment ratings for heat conveyance.

PRODUCTION PHASE: TANK OPERATION VALVE POSITIONS: [LACT Operation]												
TANK #	OT1			OT2			OT3			OT4		
TANK SIZE - Bbls	1000			1000			1000			1000		
LOCATION	SEAL INSTALLED	OPEN	CLOSE									
1 - FILL VALVE 1	X	X			X			X			X	
2 - FILL VALVE 2	X	X		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 - SALES VALVE	X	X		X	X		X	X		X	X	
4 - EQUALIZE VALVE	X	X		X	X		X	X		X	X	
5 - DRAIN VALVE	X		X	X		X	X		X	X		X

SALES PHASE: TANK OPERATION VALVE POSITIONS: [LACT Operation]												
TANK #	OT1			OT2			OT3			OT4		
TANK SIZE - Bbls	1000			1000			1000			1000		
LOCATION	SEAL INSTALLED	OPEN	CLOSE									
1 - FILL VALVE	FV1	X	X	FV3		X		X			X	
2 - FILL VALVE	FV2	X	X	FV4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 - SALES VALVE	SV1	X	X	SV2	X	X	X	X		X	X	
4 - EQUALIZE VALVE	EQ1	X	X	EQ2	X	X	X	X		X	X	
5 - DRAIN VALVE	DV1	X		DV2	X		X	X		X	X	

DIVERT PHASE: TANK OPERATION VALVE POSITIONS: [LACT Operation]												
TANK #	OT1			OT2			OT3			OT4		
TANK SIZE - Bbls	1000			1000			1000			1000		
LOCATION	SEAL INSTALLED	OPEN	CLOSE									
1 - FILL VALVE 1	X	X										
2 - FILL VALVE 2	X	X		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 - SALES VALVE	X	X		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4 - EQUALIZE VALVE	X	X										
5 - DRAIN VALVE	X		X									

DRAIN PHASE: TANK OPERATION VALVE POSITIONS: [LACT Operation]												
TANK #	OT1			OT2			OT3			OT4		
TANK SIZE - Bbls	1000			1000			1000			1000		
LOCATION	SEAL INSTALLED	OPEN	CLOSE									
1 - FILL VALVE 1	X	X		X		X	X		X	X		X
2 - FILL VALVE 2	X	X		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 - SALES VALVE	X	X		X		X	X		X	X		X
4 - EQUALIZE VALVE	X	X		X	X		X	X		X	X	
5 - DRAIN VALVE	X	X		X	X		X	X		X	X	

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