

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 such proposals.*5. Lease Serial No.
NMNM0504364B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SOUTH BOYD FEDERAL COM 20H ✓9. API Well No.
30-015-44723-00-X110. Field and Pool or Exploratory Area
SEVEN RIVERS11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PERCUSSION PETRO OPERATING LLC

Contact: MICHAEL MARTIN

E-Mail: Michael@percussionpetroleum.com

3a. Address

919 MILAM STREET SUITE 2475
HOUSTON, TX 77002

3b. Phone No. (include area code)

Ph: 281-974-6817

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

Sec 34 T19S R25E NWNE 689FNL 2024FEL
32.622547 N Lat, 104.470497 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Site Facility Diagram/Security Plan
	<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 recomple 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 new equipment and newly drilled SOUTH BOYD FEDERAL COM 20H API#3001544723.

Diagram reflects the installation of a functional trucked LACT system

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

GC 2/22/19
Accepted for record NMOC

RECEIVED

FEB 21 2019

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #452385 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 01/30/2019 (19DLM0271SE)

Name (Printed/Typed) DAVID HARSELL

Title CONSULTANT

Signature (Electronic Submission)

Date 01/29/2019

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

FEB 12 2019

Approved By

Title

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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 #452385 that would not fit on the form

32. Additional remarks, continued

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 #: NM05043648
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	

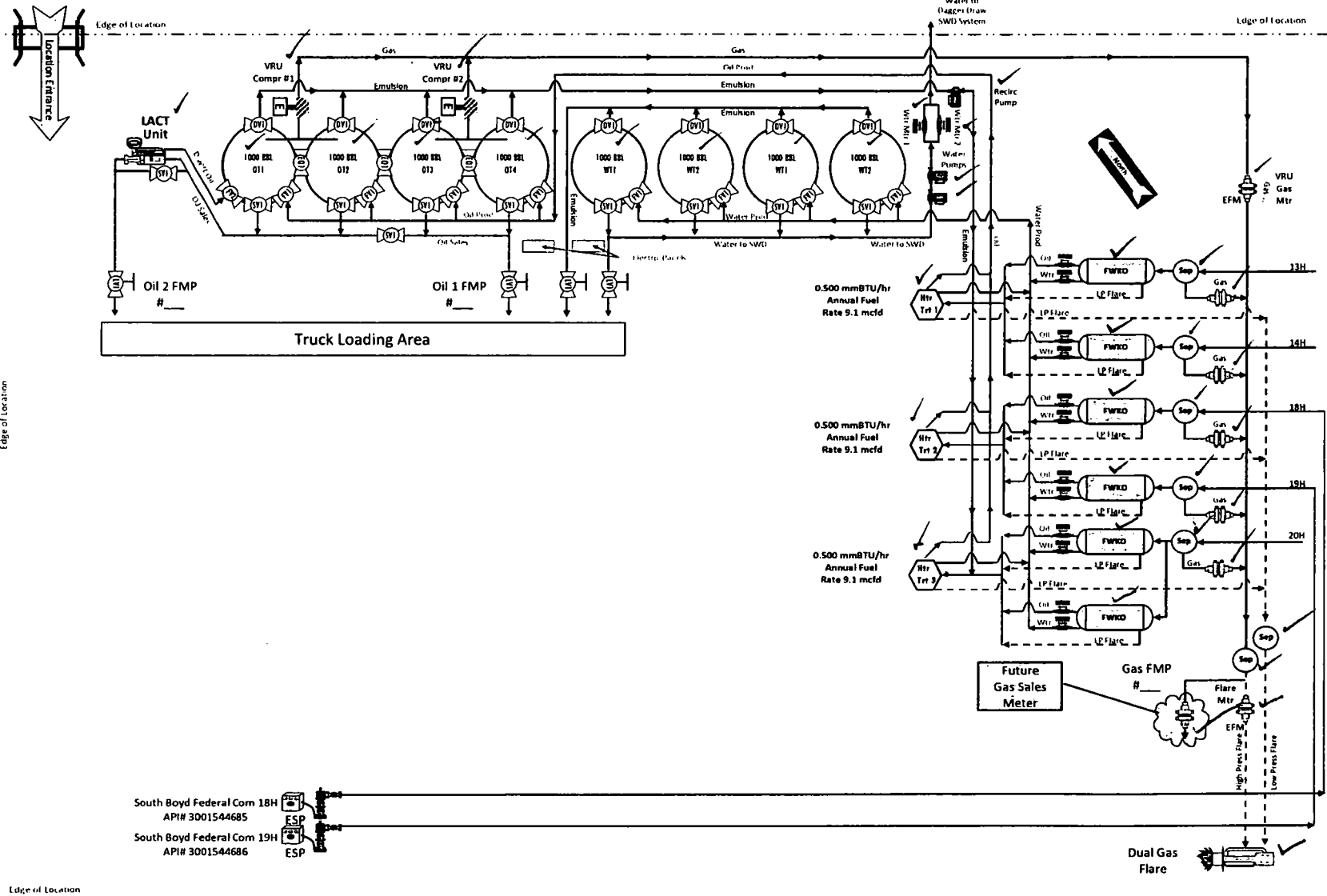
Printed Name: David Harsell

Signature:

Date: 1/28/2019

DART Consulting

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



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API# 3001544880
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 Fuel Rating mmBTU / Hr
FIRETUBES / HEATERS:				
#1 Heater Treater Firetube	1.00	0.65	0.60	0.500
#2 Heater Treater Firetube	1.00	0.65	0.60	0.500
#3 Heater Treater Firetube	1.00	0.65	0.60	0.500

***Estimated Gas BTU Analysis based on area wells

Firetube Usage:

Annual Usage Factor	X	Process Efficiency Factor	X	Efficiency Utilization Factor	X	Equipment Name Plate Fuel Rating (mmBTU)	X	24 hrs / Day	X	1000 ft³/ mcf	÷	Gas BTU Content (mmBTU / ft³)
①	X	②	X	(1 + ③)	X	④	X	24	X	1000	÷	⑤
1.00	X	.65	X	(1 + 0.60)	X	0.50	X	24	X	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 rating 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	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	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	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	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

OVERT PHASE TANK OPERATION VALVE POSITIONS [LACT Operation]												
TANK #	OT1			OT2			OT3			OT4		
TANK SIZE - Bbls	1000			1000			1000			1000		
LOCATION	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE
1 - FILL VALVE 1	X	X										
2 - FILL VALVE 2	X	X										
3 - SALES VALVE	X	X		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	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	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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