

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 16 2020

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.*Case Serial No.
NMNM86025

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Multiple--See Attached9. API Well No.
Multiple--See Attached10. Field and Pool or Exploratory Area
Multiple--See Attached11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
COG OPERATING LLCContact: SARAH CHAPMAN
E-Mail: SCHAPMAN@SPUREPLLC.COM3a. Address
600 W ILLINOIS AVENUE
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 832-930-85024. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Multiple--See Attached**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Site Facility Diagram/Security Plan
	☐ Convert to Injection	☐ Plug Back	☐ 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 for the McIntyre DK Federal 15 Facility that includes the co-located McIntyre DK Federal 28H Facility.

The diagram applies to all the wells on Federal Lse# NMNM86025 and specifically designates the Oil FMP and Gas FMP sales points for both the McIntyre DK Federal 15 Facility and the co-located McIntyre DK Federal 28H Facility as noted below:

McIntyre DK Federal 15 Facility
CA# NMNM86025 OIL 1 FMP GAS 1 FMP
McIntyre DK Federal 15 API# 3001540896 OnSite
McIntyre DK Federal 01 API# 3001504184 Remote Access
McIntyre DK Federal 02 API# 3001504183 Remote Access

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

Electronic Submission #500771 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 01/27/2020 (20DLM0386SE)

Name (Printed/Typed) DAVID HARSELL

Title CONSULTANT

Signature (Electronic Submission)

Date 01/25/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

(BLM Approver Not Specified)

Title

Date 01/28/2020

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 Carlsbad

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 ****Accepted 3-25-20
Rw

Additional data for EC transaction #500771 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM86025	NMNM86025	MCINTYRE DK FEDERAL 15	30-015-40896-00-S1	Sec 17 T17S R30E SESW 261FSL 2618FWL
NMNM86025	NMNM86025	MCINTYRE DK 1	30-015-04184-00-S2	Sec 17 T17S R30E SESE 330FSL 330FEL
NMNM86025	NMNM86025	MCINTYRE DK 2	30-015-04183-00-S1	Sec 17 T17S R30E SWSE 330FSL 1650FEL
NMNM86025	NMNM86025	MCINTYRE DK FED 10	30-015-29424-00-C1	Sec 17 T17S R30E SWSE 990FSL 1610FEL
NMNM86025	NMNM86025	MCINTYRE DK FED 10	30-015-29424-00-C2	Sec 17 T17S R30E SWSE 990FSL 1610FEL
NMNM86025	NMNM86025	MCINTYRE DK FED 11	30-015-30981-00-C1	Sec 17 T17S R30E SWSE 330FSL 2310FEL
NMNM86025	NMNM86025	MCINTYRE DK FED 11	30-015-30981-00-C2	Sec 17 T17S R30E SWSE 330FSL 2310FEL
NMNM86025	NMNM86025	MCINTYRE DK FED 12Y	30-015-30772-00-C1	Sec 17 T17S R30E SESE 990FSL 315FEL
NMNM86025	NMNM86025	MCINTYRE DK FED 12Y	30-015-30772-00-C2	Sec 17 T17S R30E SESE 990FSL 315FEL
NMNM86025	NMNM86025	MCINTYRE DK FED 13	30-015-30679-00-S1	Sec 17 T17S R30E SWSW 990FSL 990FWL
NMNM86025	NMNM86025	MCINTYRE DK FED 7	30-015-27476-00-S2	Sec 17 T17S R30E SWSW 330FSL 330FWL
NMNM86025	NMNM86025	MCINTYRE DK FED 8	30-015-27472-00-S2	Sec 17 T17S R30E SESW 330FSL 1650FWL
NMNM86025	NMNM86025	MCINTYRE DK FED 9	30-015-29423-00-C1	Sec 17 T17S R30E SESE 330FSL 990FEL
NMNM86025	NMNM86025	MCINTYRE DK FED 9	30-015-29423-00-C2	Sec 17 T17S R30E SESE 330FSL 990FEL
NMNM86025	NMNM86025	MCINTYRE DK FEDERAL 14	30-015-34537-00-S1	Sec 17 T17S R30E SWSE 1140FSL 2310FEL
NMNM86025	NMNM86025	MCINTYRE DK FEDERAL 17	30-015-37821-00-S1	Sec 17 T17S R30E SWSW Lot M 940FSL 380FWL
NMNM86025	NMNM86025	MCINTYRE DK FEDERAL 18	30-015-40897-00-S1	Sec 17 T17S R30E SESW 990FSL 1650FWL
NMNM86025	NMNM86025	MCINTYRE DK FEDERAL 19	30-015-40898-00-S1	Sec 17 T17S R30E SWSE 483FSL 1827FEL
NMNM86025	NMNM86025	MCINTYRE DK FEDERAL 20	30-015-40919-00-S1	Sec 17 T17S R30E SWSW 330FSL 990FWL
NMNM86025	NMNM86025	MCINTYRE DK FEDERAL 22	30-015-40900-00-S1	Sec 17 T17S R30E SESE 1065FSL 1175FEL

10. Field and Pool, continued

LOCO HILLS-GLORIETA-YESO
LOCO HILLS-QU-GB-SA
UNKNOWN

32. Additional remarks, continued

McIntyre DK Federal 07 API# 3001527476 Remote Access
McIntyre DK Federal 08 API# 3001527472 Remote Access
McIntyre DK Federal 09 API# 3001529423 Remote Access
McIntyre DK Federal 10 API# 3001529424 Remote Access
McIntyre DK Federal 11 API# 3001530981 Remote Access
McIntyre DK Federal 12 API# 3001530772 Remote Access
McIntyre DK Federal 13 API# 3001530679 Remote Access
McIntyre DK Federal 14 API# 3001534537 Remote Access
McIntyre DK Federal 17H API# 3001537821 Remote Access
McIntyre DK Federal 18 API# 3001540897 Remote Access
McIntyre DK Federal 19 API# 3001540898 Remote Access
McIntyre DK Federal 20 API# 3001540919 Remote Access
McIntyre DK Federal 22 API# 3001540900 Remote Access

McIntyre DK Federal 28H Facility
CA# NMNM139212 OIL 2 FMP GAS 2 FMP
McIntyre DK Federal 28H API# 3001541273 Co-Located Facility

Revisions to Operator-Submitted EC Data for Sundry Notice #500771

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	SITE NOI	SITE NOI
Lease:	NMNM86025	NMNM86025
Agreement:		
Operator:	SPUR ENERGY PARTNERS, LLC 920 MEMORIAL CITY WAY SUITE 1000 HOUSTON, TX 77024 Ph: 281-795-2286	COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
Admin Contact:	SARAH CHAPMAN REGULATORY DIRECTOR E-Mail: schapman@spurepllc.com Ph: 832-930-8613	SARAH CHAPMAN REGULATORY DIRECTOR E-Mail: SCHAPMAN@SPUREPLLC.COM Ph: 832-930-8502
Tech Contact:	DAVID HARSELL CONSULTANT E-Mail: DART.consulting@yahoo.com Ph: 713-416-3651	DAVID HARSELL CONSULTANT E-Mail: DART.consulting@yahoo.com Ph: 713-416-3651
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	96718	GRAYBURG GRAYBURG JACKSON-SR-Q-GRBG-SA LOCO HILLS-GLORIETA-YESO LOCO HILLS-QU-GB-SA UNKNOWN
Well/Facility:	MCINTYRE DK FEDERAL 15 Sec 17 T17S R30E SESW 261FSL 2618FWL	MCINTYRE DK FEDERAL 15 Sec 17 T17S R30E SESW 261FSL 2618FWL MCINTYRE DK 1 Sec 17 T17S R30E SESE 330FSL 330FEL MCINTYRE DK 2 Sec 17 T17S R30E SWSE 330FSL 1650FEL MCINTYRE DK FED 10 Sec 17 T17S R30E SWSE 990FSL 1610FEL MCINTYRE DK FED 10 Sec 17 T17S R30E SWSE 990FSL 1610FEL MCINTYRE DK FED 11 Sec 17 T17S R30E SWSE 330FSL 2310FEL MCINTYRE DK FED 11 Sec 17 T17S R30E SWSE 330FSL 2310FEL MCINTYRE DK FED 12Y Sec 17 T17S R30E SESE 990FSL 315FEL MCINTYRE DK FED 12Y Sec 17 T17S R30E SESE 990FSL 315FEL MCINTYRE DK FED 13 Sec 17 T17S R30E SWSW 990FSL 990FWL MCINTYRE DK FED 7 Sec 17 T17S R30E SWSW 330FSL 330FWL MCINTYRE DK FED 8 Sec 17 T17S R30E SESW 330FSL 1650FWL MCINTYRE DK FED 9 Sec 17 T17S R30E SESE 330FSL 990FEL MCINTYRE DK FED 9 Sec 17 T17S R30E SESE 330FSL 990FEL MCINTYRE DK FEDERAL 14 Sec 17 T17S R30E SWSE 1140FSL 2310FEL MCINTYRE DK FEDERAL 17 Sec 17 T17S R30E SWSW Lot M 940FSL 380FWL MCINTYRE DK FEDERAL 18 Sec 17 T17S R30E SESW 990FSL 1650FWL MCINTYRE DK FEDERAL 19 Sec 17 T17S R30E SWSE 483FSL 1827FEL MCINTYRE DK FEDERAL 20 Sec 17 T17S R30E SWSW 330FSL 990FWL MCINTYRE DK FEDERAL 22 Sec 17 T17S R30E SESE 1065FSL 1175FEL

SPUR ENERGY PARTNERS, LLC

SITE FACILITY DIAGRAM

McIntyre DK Federal 15 TANK BATTERY

Legal: SE/SW, SEC. 17, T17S, R30E

Lease #: NMNM86025

County: Eddy, New Mexico

Wells on Location:

McIntyre DK Federal 15 API# 3001540896

Remote Wells using Location:

(See List on Page 2)

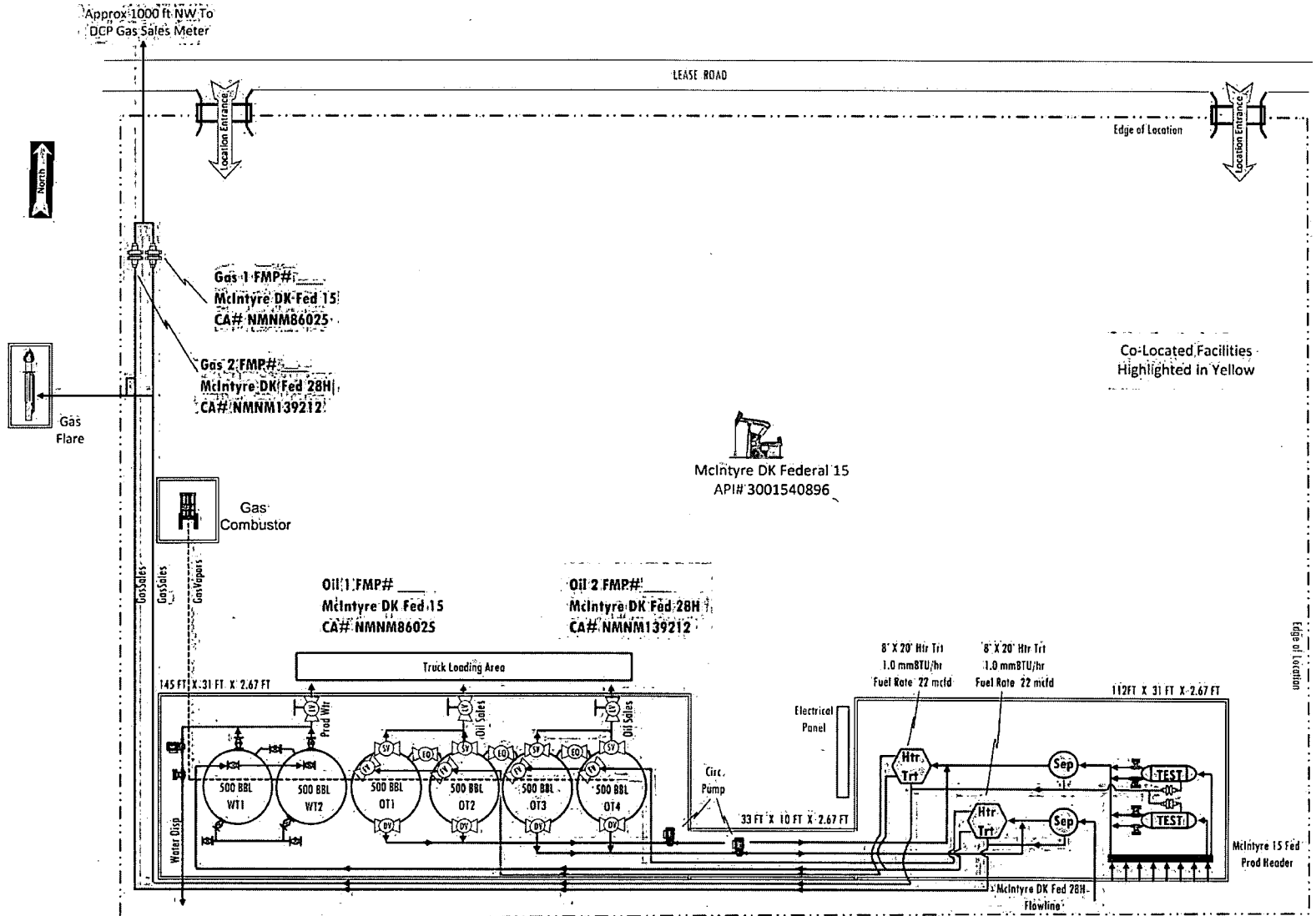
Co-Located Facilities on Location:

McIntyre DK Federal 28H API# 3001541273

Mixed Line	→
Gas Line	→
Oil Line	→
Water Line	→
Berm	=====
Ball Valve Fill Valve	(FV)
Ball Valve Drain Valve	(DV)
Ball Valve Equalize Valve	(EQ)
Ball Valve Sales Valve	(SV)
Ball Valve Load Line	(LV)
Oil Meter	
Water Meter	
Gas Meter	
Berm Capacity (bbl):	1,605
Largest Tank Capacity (bbl):	500
Printed Name:	David Harsell
Signature:	
Date:	1/20/2020

DART Consulting

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



SPUR ENERGY PARTNERS, LLC

SITE FACILITY DIAGRAM

McINTYRE DK FEDERAL 15 TANK BATTERY

Legal: SE/SW, SEC. 17, T17S, R30E

Lease #: NMNM86025

County: Eddy, New Mexico

Wells on Location:

McIntyre DK Federal 15 API# 3001540896

Remote Wells using Location:

LSE# NMNM86025 CA# NMNM86025

McIntyre DK Federal 01 API# 3001504184

McIntyre DK Federal 02 API# 3001504183

McIntyre DK Federal 07 API# 3001527476

McIntyre DK Federal 08 API# 3001527472

McIntyre DK Federal 09 API# 3001529423

McIntyre DK Federal 10 API# 3001529424

McIntyre DK Federal 11 API# 3001530981

McIntyre DK Federal 12 API# 3001530772

McIntyre DK Federal 13 API# 3001530679

McIntyre DK Federal 14 API# 3001534537

McIntyre DK Federal 17H API# 3001537821

McIntyre DK Federal 18 API# 3001540897

McIntyre DK Federal 19 API# 3001540898

McIntyre DK Federal 20 API# 3001540919

McIntyre DK Federal 22 API# 3001540900

Co-Located Facilities on Location:

LSE# NMNM86025 CA# NMNM139212

McIntyre DK Federal 28H API# 3001541273

Estimated Fuel Gas Consumption Calculations

Sales Gas BTU Rating: ⑥ 1,266 mmbtu / cf

Equipment	Engine HP Rating	Process Efficiency Factor	Daily Utilization Factor	Engine Fuel Rating BTU/hp-hr	Firetube Fuel Rating MMBTU/hr	Fuel Usage MCFD
	①	②	③	④	⑤	
#1 Heater Treater Firetube	-	0.65	0.65	-	1.00	20
#2 Heater Treater Firetube	-	0.65	0.65	-	1.00	20

Firetube Usage:

Process Efficiency Factor	X	Daily Utilization Factor	X	Firetube Fuel Rating (mmbtu)	X	24 hrs / Day	X	1000 ft ³ / mcf	÷	Gas BTU Content (mmbtu / ft ³)	=	Fuel Usage (Mcf)
(1 + ⑦)	X	③	X	⑤	X	24	X	1000	÷	⑥	=	
1.65	X	0.65	X	1.00	X	24	X	1000	÷	1266	=	20.0

***Estimated 1,266 mmbtu Gas Analysis based on nearby locations

Process Efficiency Factor	- Inherent energy losses associated with fuel consumption
Daily Utilization Factor	- Utilization of the equipment in the field
Name Plate Fuel Rating	- Manufacturer's equipment rating for heat conveyance

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SPUR ENERGY PARTNERS, LLC

SITE FACILITY DIAGRAM

McINTYRE DK FEDERAL 15 TANK BATTERY

Legal: SE/SW, SEC. 17, T17S, R30E

Lease #: NMNM86025

County: Eddy, New Mexico

Wells on Location:

McIntyre DK Federal 15 API# 3001540896

Remote Wells using Location:

LSE# NMNM86025 CA# NMNM86025

McIntyre DK Federal 01 API# 3001504184

McIntyre DK Federal 02 API# 3001504183

McIntyre DK Federal 07 API# 3001527476

McIntyre DK Federal 08 API# 3001527472

McIntyre DK Federal 09 API# 3001529423

McIntyre DK Federal 10 API# 3001529424

McIntyre DK Federal 11 API# 3001530981

McIntyre DK Federal 12 API# 3001530772

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McIntyre DK Federal 19 API# 3001540898

McIntyre DK Federal 20 API# 3001540919

McIntyre DK Federal 22 API# 3001540900

Co-Located Facilities on Location:

LSE# NMNM86025 CA# NMNM139212

McIntyre DK Federal 28H API# 3001541273

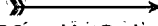
Tank Valve Operation

PRODUCTION PHASE TANK OPERATION VALVE POSITIONS												
TANK #	FMP 1 McIntyre DK Fed 15 CA# NMNM86025						FMP 2 McIntyre DK Fed 28H CA# NMNM139212					
	OT1			OT2			OT3			OT4		
TANK SIZE - Bbls	500			500			500			500		
LOCATION	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE
1 - FILL VALVE	X	X		X	X		X	X		X	X	
2 - SALES VALVE	X		X	X		X	X		X	X		X
3 - EQUALIZE VALVE	X	X		X	X		X	X		X	X	
4 - DRAIN VALVE	X		X	X		X	X		X	X		X

SALES PHASE TANK OPERATION VALVE POSITIONS												
TANK #	FMP 1 McIntyre DK Fed 15 CA# NMNM86025						FMP 2 McIntyre DK Fed 28H CA# NMNM139212					
	OT1			OT2			OT3			OT4		
TANK SIZE - Bbls	500			500			500			500		
LOCATION	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE
1 - FILL VALVE	X		X	X		X	X		X	X		X
2 - SALES VALVE	X	X		X	X		X	X		X	X	
3 - EQUALIZE VALVE	X	X		X	X		X	X		X	X	
4 - DRAIN VALVE	X		X	X		X	X		X	X		X

DRAIN PHASE TANK OPERATION VALVE POSITIONS												
TANK #	FMP 1 McIntyre DK Fed 15 CA# NMNM86025						FMP 2 McIntyre DK Fed 28H CA# NMNM139212					
	OT1			OT2			OT3			OT4		
TANK SIZE - Bbls	500			500			500			500		
LOCATION	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE	SEAL INSTALLED	OPEN	CLOSE
1 - FILL VALVE	X		X	X		X	X		X	X		X
2 - SALES VALVE	X		X	X		X	X		X	X		X
3 - EQUALIZE VALVE	X	X		X	X		X	X		X	X	
4 - DRAIN VALVE	X	X		X	X		X	X		X	X	

DART Consulting



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SPUR ENERGY PARTNERS, LLC

FLOW DIAGRAM

SITE FACILITY DIAGRAM

McIntyre DK Federal 15 TANK BATTERY

Legal: SE/SW, SEC. 17, T17S, R30E

Lease #: NMNM86025

County: Eddy, New Mexico

Wells on Location:

McIntyre DK Federal 15 API# 3001540896

Remote Wells using Location:

LSE# NMNM86025 CA# NMNM86025

McIntyre DK Federal 01 API# 3001504184

McIntyre DK Federal 02 API# 3001504183

McIntyre DK Federal 07 API# 3001527476

McIntyre DK Federal 08 API# 3001527472

McIntyre DK Federal 09 API# 3001529423

McIntyre DK Federal 10 API# 3001529424

McIntyre DK Federal 11 API# 3001530981

McIntyre DK Federal 12 API# 3001530772

McIntyre DK Federal 13 API# 3001530679

McIntyre DK Federal 14 API# 3001534537

McIntyre DK Federal 17H API# 3001537821

McIntyre DK Federal 18 API# 3001540897

McIntyre DK Federal 19 API# 3001540898

McIntyre DK Federal 20 API# 3001540919

McIntyre DK Federal 22 API# 3001540900

Co-Located Facilities on Location:

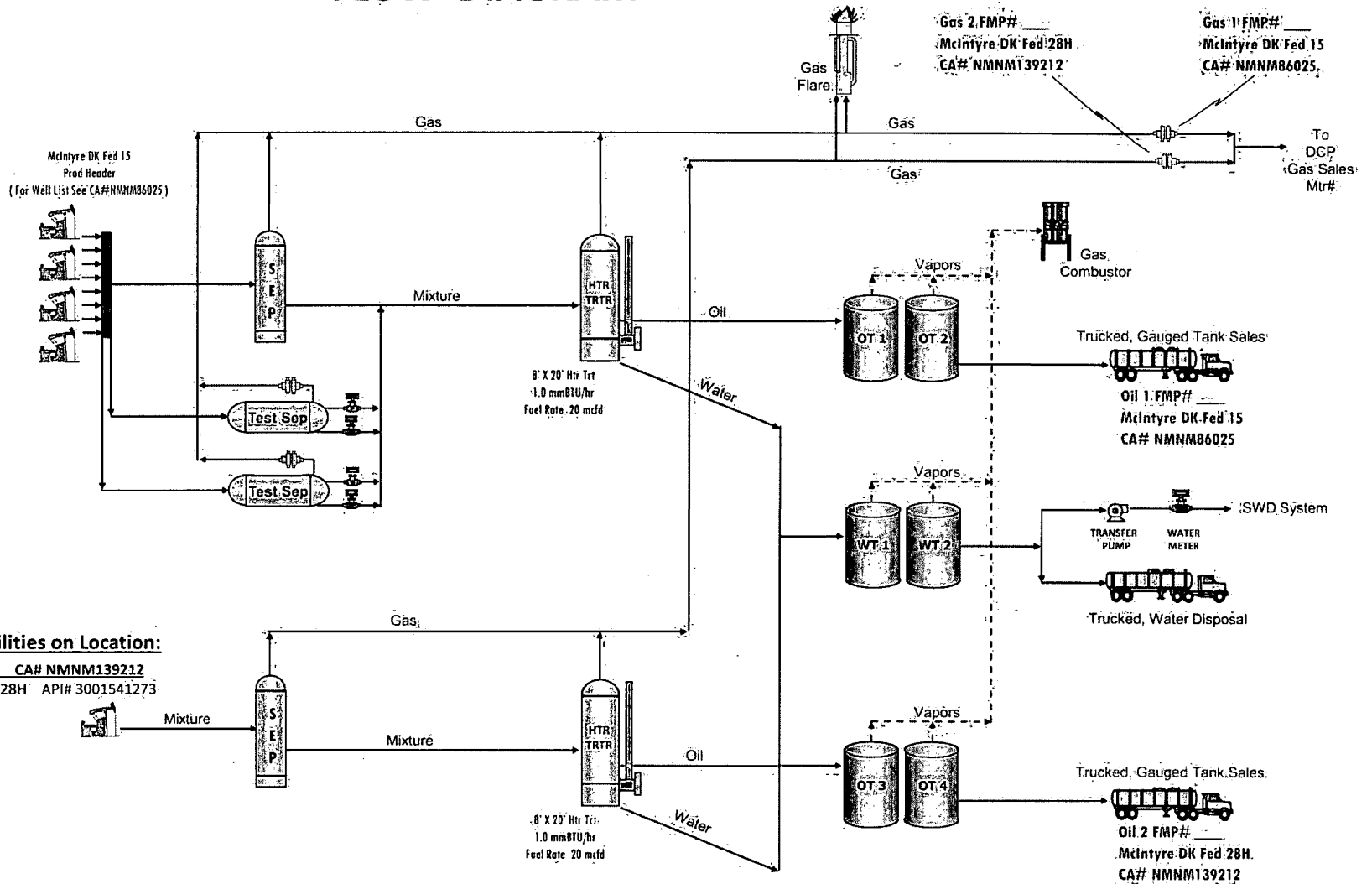
LSE# NMNM86025 CA# NMNM139212

McIntyre DK Federal 28H API# 3001541273

Co-Located Facilities on Location:

LSE# NMNM86025 CA# NMNM139212

McIntyre DK Federal 28H API# 3001541273



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