Bureau of Land Management

Hobbs Field Office

414 W. Taylor

Hobbs, New Mexico

505.393.3612

WATER PRODUCTION & DISPOSAL INFORMATION

Well: OPHELIA 22 FEDERAL COM #704H
NWNW Sec 22 T26S, R33E
30-025-42642 4 4006

1. Name of formations producing water on lease: **WOLFCAMP**

2. Amount of water produced from all formations in barrels per day **3000-4000 BWPD**

3. How water is stored on lease **Tanks 4-400 bbl tanks**

4. How water is moved to disposal facility **Pipeline/Trucked**

5. Disposal Facility:
   a. Facility Operators name **MACK ENERGY CORP**

   b. Name of facility or well name & number

   Owl State #001

   30-025-29025

   P-15-18S-35E

   Permit No 1134-0

   Water also goes to EOG Water gathering system

   Type of facility or wells **SWD**

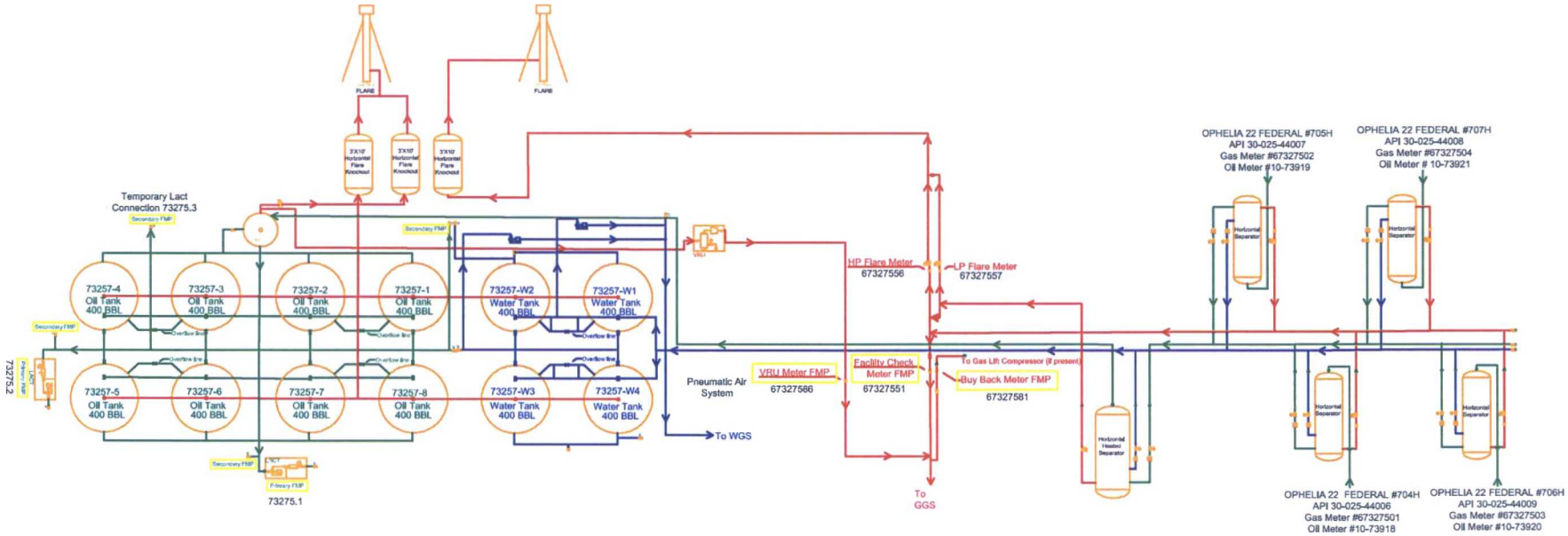
EOG Resources, Inc.
OPHELIA 22 W CTB
D-22-26S-33E

1/4/2018

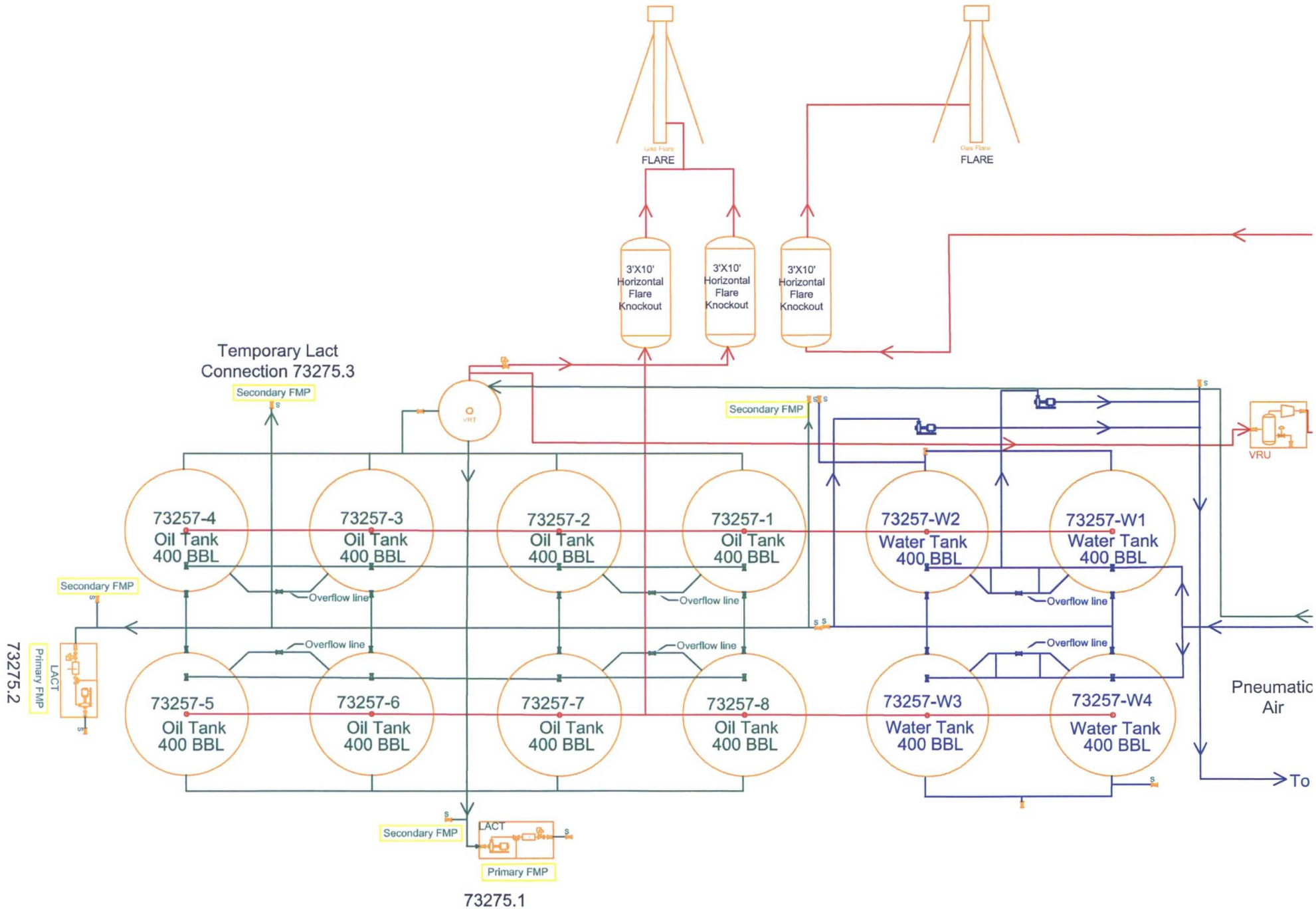
LEGEND

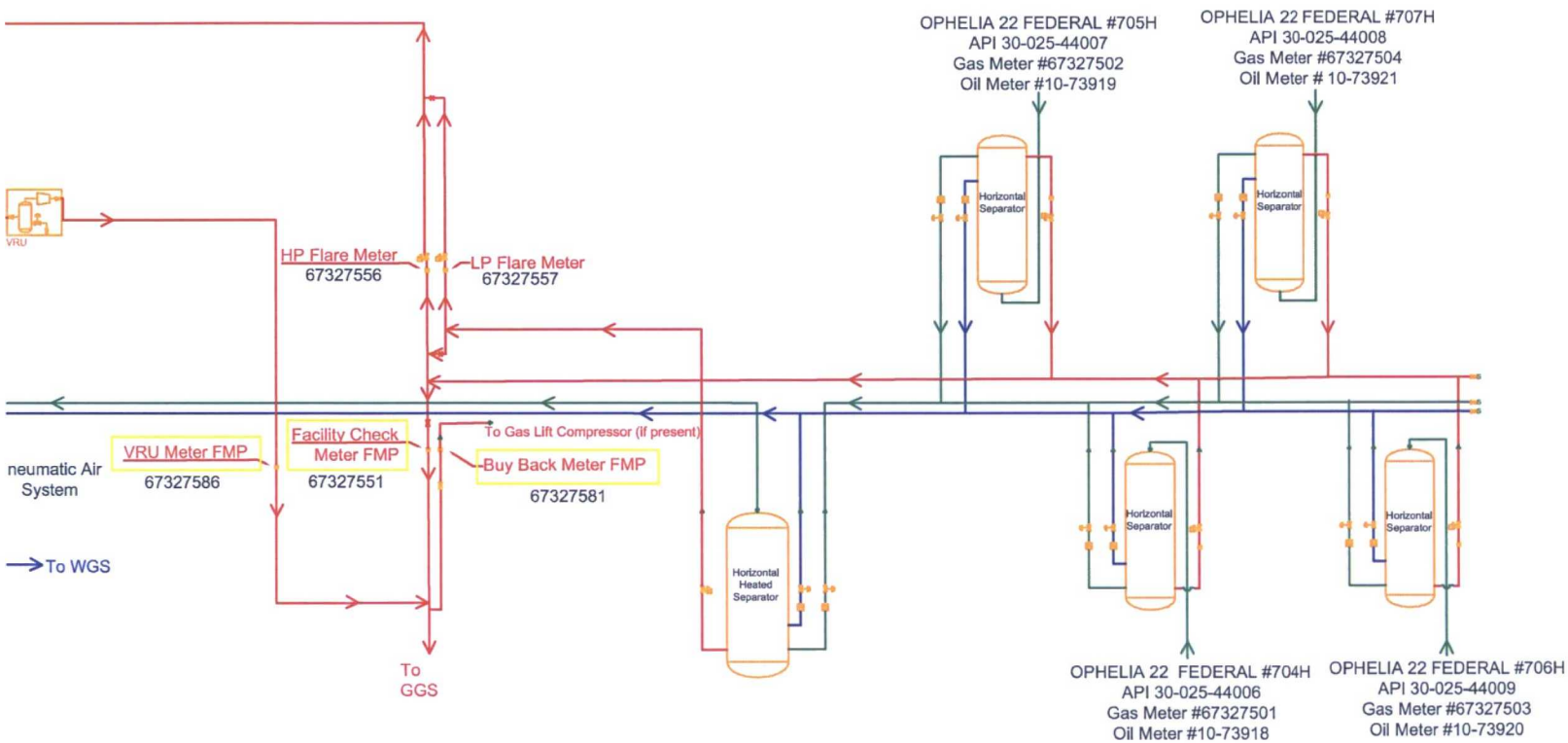
- Valve Open
- Valve Closed
- S Valve Sealed
- Orifice Meter
- Turbine/ Coriolis Meter
- Oil
- Gas
- Water

FACILITY DIAGRAM
Shown: Major equipment, vessels, process piping, and valves
Not shown: Auxiliary process systems such as pneumatic air system, gas lift system, roll lines, recirculating lines, vent lines, and small drain lines
PRODUCTION PHASE: All valves that provide access to production are effectively sealed in the closed position.
SALES THROUGH LACT UNITS: Sale is measured through LACT units. All other valves that provide access to production (load-out valves) are effectively sealed in the closed position.
WATER TANKS: If the possibility for oil to enter water tanks exists through common recirculating or equalizing lines, oil tanks are isolated from water tanks by valves effectively sealed in the closed position.
WELL SPECIFIC MEASUREMENT: The production from each well will flow into a dedicated 3-phase separator. The production stream will be separated into 3 independent streams (gas, oil, and water) by the separator and each stream will be measured individually after it exits the separator. The gas will be measured using a senior orifice meter and used to allocate total volume measured at the facility check meter, high pressure flare meter, and low pressure flare meter.



Facility Overview: Please see pages 2 and 3 for details.


Gas Flare
FLARE
Gas Flare
FLARE
3'X10' Horizontal Flare Knockout
3'X10' Horizontal Flare Knockout
3'X10' Horizontal Flare Knockout
Temporary Lact Connection 73275.3
Secondary FMP
VRT
Secondary FMP
VRU
73257-4 Oil Tank 400 BBL
73257-3 Oil Tank 400 BBL
73257-2 Oil Tank 400 BBL
73257-1 Oil Tank 400 BBL
73257-W2 Water Tank 400 BBL
73257-W1 Water Tank 400 BBL
Overflow line
Overflow line
Overflow line
Overflow line
Secondary FMP
LACT
Primary FMP
73275.2
Overflow line
Overflow line
Overflow line
73257-5 Oil Tank 400 BBL
73257-6 Oil Tank 400 BBL
73257-7 Oil Tank 400 BBL
73257-8 Oil Tank 400 BBL
73257-W3 Water Tank 400 BBL
73257-W4 Water Tank 400 BBL
Pneumatic Air
To
Secondary FMP
LACT
Primary FMP
73275.1


OPHELIA 22 FEDERAL #705H
API 30-025-44007
Gas Meter #67327502
Oil Meter #10-73919
OPHELIA 22 FEDERAL #707H
API 30-025-44008
Gas Meter #67327504
Oil Meter # 10-73921
VRU
HP Flare Meter
67327556
LP Flare Meter
67327557
Horizontal Separator
Horizontal Separator
neumatic Air System
VRU Meter FMP
67327586
Facility Check Meter FMP
67327551
To Gas Lift Compressor (If present)
Buy Back Meter FMP
67327581
To WGS
To GGS
Horizontal Heated Separator
Horizontal Separator
Horizontal Separator
OPHELIA 22 FEDERAL #704H
API 30-025-44006
Gas Meter #67327501
Oil Meter #10-73918
OPHELIA 22 FEDERAL #706H
API 30-025-44009
Gas Meter #67327503
Oil Meter #10-73920