Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMSF078506

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No. DAWSON LS #001

2. Name of Operator BP America Production Company

9. API Well No. 30-045-10273

3a. Address 737 North Eldridge Parkway
Houston, TX 77079

3b. Phone No. *(include area code)*
(281) 892-5369

10. Field and Pool or Exploratory Area
Blanco-Mesaverde

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
L-30-31N-08W Lot: 3 1750 FSL 1175 FWL

11. Country or Parish, State
San Juan, NM

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
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ 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 recomplete 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 perfonned 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 detennined that the site is ready for final inspection.)

This Scope of work is to install a gas eliminator in the water piping system in order to relieve built up gas within the system that causes higher pressures in the water system and may cause wells to not be able to deliver water into the system.

For all questions/concerns regarding this matter please contact Roland Mora at (505) 427-9953 or Roland.mora@bp.com

OIL CONS. DIV DIST. 3
SEP 25 2017

RECEIVED
SEP 11 2017
Farmington Field Office
Bureau of Land Management

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Roland Mora

Title Surface Land Negotiator

Signature

Date 08/29/2017

THE SPACE FOR FEDERAL OR STATE OFICE USE

MGP

Approved by SNS

Title SAPV NRS

Date 9/20/17

Accepted for Record

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 FFO

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)

BP

NMOCD Accepted For Record

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Gas Eliminator Scope of Work
Date Initiated September 1, 2017
MOC No
Gavin Tweedie

Project Description

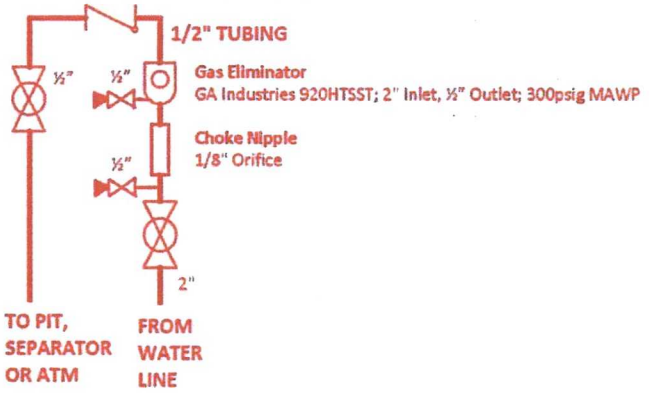
This Scope of work is to install a gas eliminator in the water piping system in order to relieve built up gas within the system that causes higher pressures in the water system and may cause wells to not be able to deliver water into the system.

Design Parameters

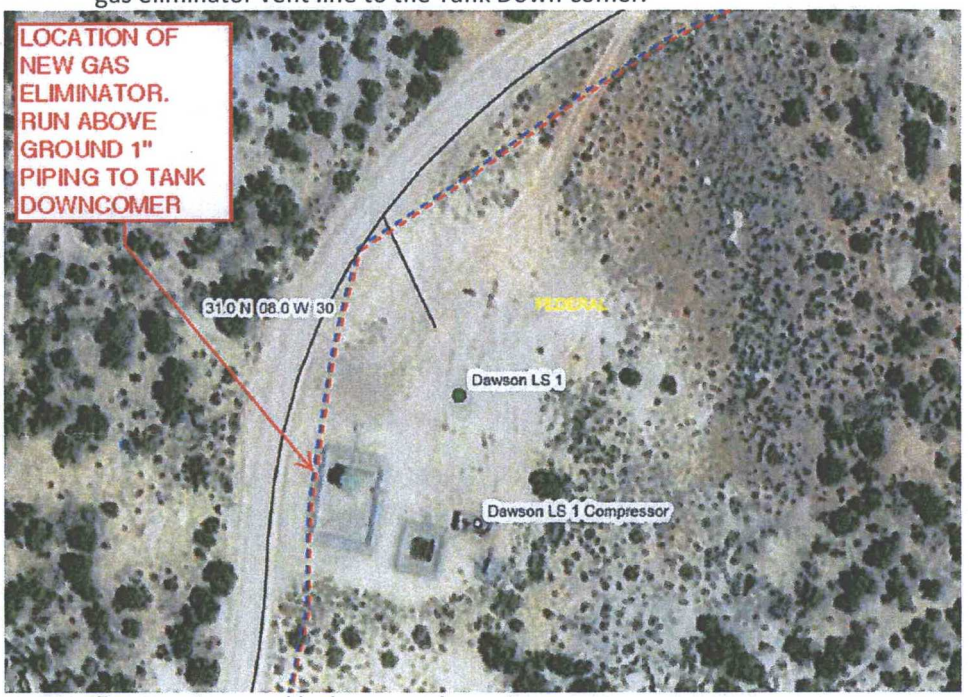
Piping
Maximum Allowable Operating Pressure: 250 psig
Typical Operating Pressure: less than 5 - 150 psig
Corrosion Allowance: 1/16"
Design Factor: 0.6
Code: B31.8

Scope of Work

1. Check sites, check roads to insure access prior to commencing construction work. Check to verify compressor is downstream of the main separator, if the compressor is upstream of the separator then engineering needs to be consulted prior to work commencing.
2. Pick up Job Boxes and parts that are needed for job.
3. Perform on site JSA with operations, Compressor Rental Company, New Compression Maintenance crews, Constructions crews and others present onsite. Discuss and review any changes to the scope of work or project as the project progresses. New crews or personnel arriving onsite needed to review the scope of work and safety items as needed.
4. Completely lock out, tag out and blow down the water lines as needed to isolate.
5. At the water line near the tank (see photo below):
    a. Install a 2" ball valve, 1/8" Choke Nipple, gas eliminator and ½" tubing on the discharge side of the piping, as shown in the photo and sketch below.
    b. 1/8" choke nipple must be installed between the block valve and the gas eliminator. The choke nipple, typically either 4" or 6" long, must have the following stamped on it if possible: Choke Nipple 2"x6"x1/8" orifice [diameter x length x 1/8"] A105.
    c. Install ½" ball valve on the drain from the Gas Eliminator and a ½" ball valve below the choke nipple to enable checking for plug off in the choke nipple.
    a. Using 1/2" stainless tubing, pipe the exhaust of the gas eliminator to the Separator.
    b. Heat trace and wrap all 2" piping with Engine Jacket water heat trace from the compressor.
    c. Install a box over the piping, but out box where needed to neatly fit box over the existing piping. Replace insulation around pipes that protrude out of the box. The insulated box should come pre build from Pesco with Catalytic heater installed in the box.
    d. Function test the catalytic heater.
    e. All 2" piping should be Schedule 80.



6. Install gas eliminator at the **DAWSON LS 001-MV.** Connect gas eliminator to buried 3" poly water line. Mount box with catalytic heater over water line and gas eliminator. Route the gas eliminator vent line to the Tank Down comer.



7. Remove tags and locks on equipment.
8. Purge and pressure piping.
9. Check for leaks on newly connected piping, repair as needed.
10. Perform PSSR with MOC Owner.

Equipment & Materials

Equipment

See attached spreadsheet for compressor information.

Piping

All pipe to be 2" schedule 80 CS – (API 5L, A53 or A106) Gr B or X-42

Above ground piping – threaded

Below ground piping – it is not expected that any below grade piping will be needed, but if it is FBE coated & welded, minimum 36" cover & 2 part epoxy weld joint coating

Warehouse Stock Materials

MAT. TYPE	DESCRIPTION	QTY.
Pipe	1/2" Threaded; S80; API 5L or X-42	TBD
Pipe	2" Threaded; S80; API 5L or X-42	TBD
Valve	1/2" Check Valve, ANSI 300 or 3000psi, SW, TH, or WN, ASTM A216 WCB or ASTM A-105, T or Y-Pattern swing-type check valve, Threaded or Bolted cover, 316 SS trim, Buna Seals, conforming to ASME B16.34.	1
Valve	1/2" Ball Valve, ANSI 300 or 3000psi, TE, Full Port [FORGED A105 CS BODY, CS STEM, ELECTROLESS NICKEL PLATED A105 BALL, FREEZE RESISTANT, NYLON/ACETAL OR PTFE OR PEEK SEATS, PTFE OR VITON GF SEALS, LEVER OPERATED, LOCKING DEVICE, FIRE SAFE CERTIFICATION]	1

Valve	2" Ball Valve, ANSI 300 or 3000psi, TE, Full Port [FORGED A105 CS BODY, CS STEM, ELECTROLESS NICKEL PLATED A105 BALL, FREEZE RESISTANT, NYLON/ACETAL OR PTFE OR PEEK SEATS, PTFE OR VITON GF SEALS, LEVER OPERATED, LOCKING DEVICE, FIRE SAFE CERTIFICATION]	1
Fitting	1/2"x 2" SWAGE, CONC, Seamless, SCH. 80, PBE or TBE, MSS SP-95, A234-WPB	1
Fitting	2" Tee, Full-Size, Seamless SCH 80, TH, ASME B16.9, A234-WPB	2

Other Materials

MAT. TYPE	DESCRIPTION	QTY.
Other	Insulation, Coffin Box Std.	TBD
Other	Choke Nipple, 2 NPS, 1/8" Orifice, A105	1
Valve	**Air Release Valve (Gas Eliminator), GA Industries Model X920HT**	**1**

Inspection & Testing

Welded Piping Inspection

Inspector to be qualified

Welder to be qualified per API 1104 – current qualifications to be verified on-site

NDE – per ASME B31.8, 826.2 and because the piping to be installed will operate below 20% SMYS: The quality of welds shall be checked visually on a sampling basis, and defective welds shall be repaired or removed from the line.

Installation Inspection Requirements:

1. Surface of pipe for defects prior to coating
2. Surface of coating as pipe is lowered into ditch
3. Joint fit up prior to welding
4. Stringer beads
5. Completed welds
6. Condition of ditch bottom
7. Fit of pipe to the ditch
8. All repairs, replacements or changes ordered
9. NDE testing as specified
10. Jeep of coating
11. Verify that all weld joints are properly coated (either taped or wrapped or sleeved, depending on engineering specification)
12. Backfill material free of rocks

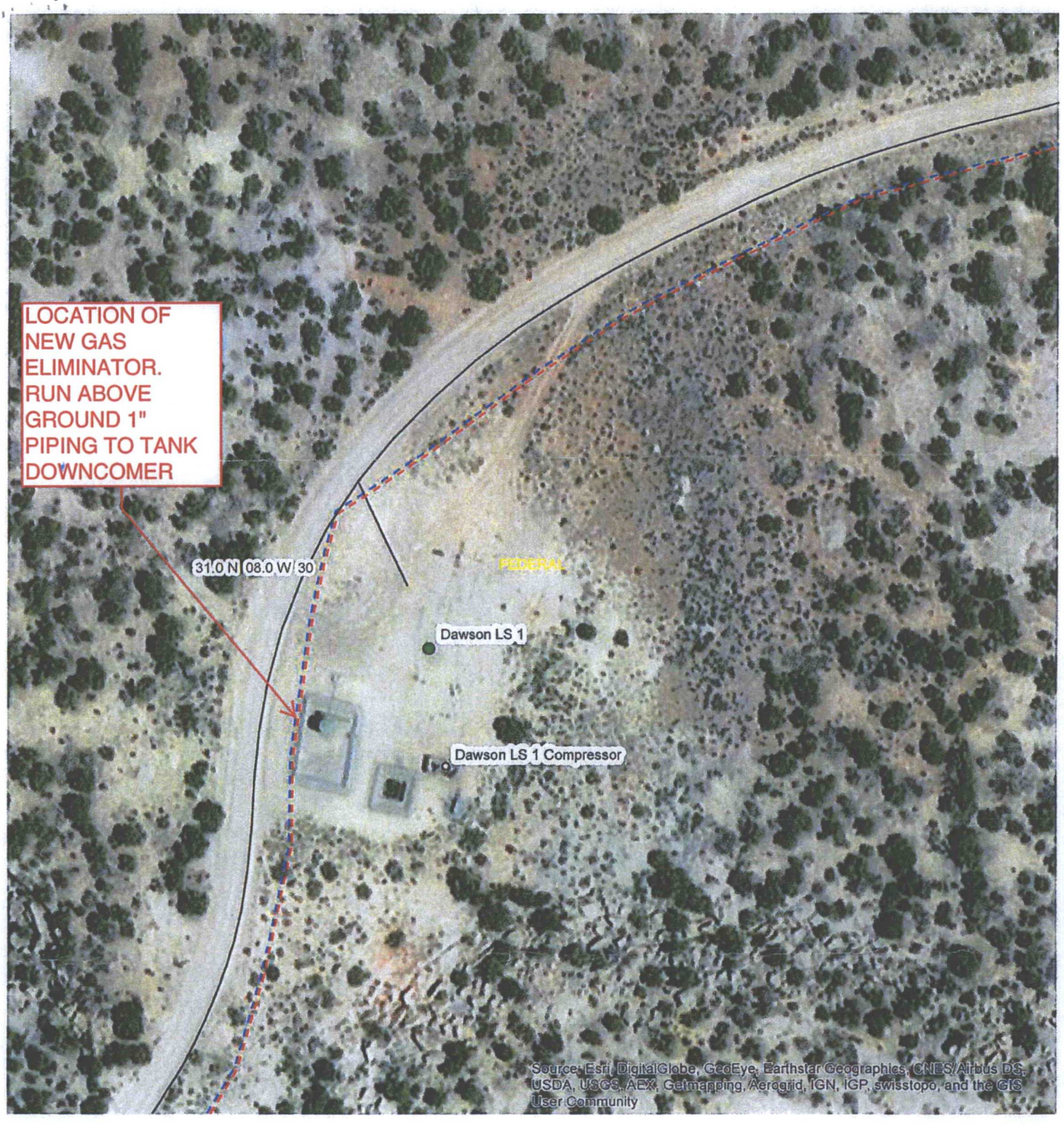
Threaded Piping Inspection

All threaded connections to be visually inspected by on-site Inspector.

Threaded connections require a soap bubble test prior to testing.

Strength & Leak Testing

Per ASME B31.8, 841.3, since this piping will be operated at less than 30% SMYS, a leak test will be conducted to ensure that the piping is demonstrated not to leak.


LOCATION OF NEW GAS ELIMINATOR. RUN ABOVE GROUND 1" PIPING TO TANK DOWNCOMER
31.0 N 08.0 W 30
FEDERAL
Dawson LS 1
Dawson LS 1 Compressor
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community