

GOLD STANDARD SAFETY H2S FIELD SAMPLING FORM

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|--|--|---|--|
| Sample Type | | Gas Vapor Sample | |
| Well / Facility Name | | KW-1,2,3, & 5 | |
| API or COGCC Facility Number | | | |
| Sampler Name | | Israel Victor | |
| Standby Personnel | | Brian Fitzgerald | |
| Date | | April 26, 2016 | |
| Time | | 6:00AM-5:00PM | |
| Description of Sample Point | | Wellheads, Tanks & Separators | |
| Distance to nearest occupied public structure | | Feet: 1000 | Miles: Direction: NE |
| *Distance to the nearest occupied residence, school, church, park, school bus stops, places of business or other areas where the public could be reasonably be expected to frequent. | | | |
| Electronic Meter Last Calibration Date | | 4/26/16 | |
| If Flowing (MCFD) | | If not flowing (static), H2S reading 50 (ft) from the source (ppm) | 0 ppm H2S Gas |
| GAS METER | | | |
| Meter Number | Type | Status | Type of Sample / PPM |
| NA | | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag |
| NA | | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag |
| NA | | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag |
| NA | | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag |
| NA | | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag |
| WELL HEAD | | | |
| Well Number | Status | Type of sample/ PPM | Location |
| KW-1 | X Flowing <input type="checkbox"/> Static | Meter PPM 0, 0, 0 Tube PPM <input type="checkbox"/> Bag | X Tubing X Casing X Surface Casing *All 3 sample points tested were 0 ppm H2S Gas |
| KW-2 | X Flowing <input type="checkbox"/> Static | Meter PPM 0, 0, 0 Tube PPM <input type="checkbox"/> Bag | X Tubing X Casing X Surface Casing *All 3 sample points tested were 0 ppm H2S Gas |
| KW-3 | X Flowing <input type="checkbox"/> Static | Meter PPM 0, 0, 0 Tube PPM <input type="checkbox"/> Bag | X Tubing X Casing X Surface Casing *All 3 sample points tested were 0 ppm H2S Gas |
| KW-5 | X Flowing <input type="checkbox"/> Static | Meter PPM 0, 0, 0 Tube PPM <input type="checkbox"/> Bag | X Tubing X Casing X Surface Casing *All 3 sample points tested were 0 ppm H2S Gas |

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| | | | |
|--|---|---|---|
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag | <input type="checkbox"/> Tubing <input type="checkbox"/> Casing |
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag | <input type="checkbox"/> Tubing <input type="checkbox"/> Casing |
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag | <input type="checkbox"/> Tubing <input type="checkbox"/> Casing |
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag | <input type="checkbox"/> Tubing <input type="checkbox"/> Casing |
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| | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag | <input type="checkbox"/> Tubing <input type="checkbox"/> Casing |
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| | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag | <input type="checkbox"/> Tubing <input type="checkbox"/> Casing |
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM Tube PPM <input type="checkbox"/> Bag | <input type="checkbox"/> Tubing <input type="checkbox"/> Casing |

STORAGE TANK

| Tank Number | Type | Type of Sample / PPM |
|-------------|---|---|
| Oil Tank #1 | X Oil <input type="checkbox"/> Water | Meter PPM 0 Tube PPM <input type="checkbox"/> Bag |
| Oil Tank #2 | X Oil <input type="checkbox"/> Water | Meter PPM 0 Tube PPM <input type="checkbox"/> Bag |
| Oil Tank #3 | X Oil <input type="checkbox"/> Water | Meter PPM 0 Tube PPM <input type="checkbox"/> Bag |
| Oil Tank #4 | X Oil <input type="checkbox"/> Water | Meter PPM 0 Tube PPM <input type="checkbox"/> Bag |
| Oil Tank #5 | X Oil <input type="checkbox"/> Water | Meter PPM 0 Tube PPM <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Oil <input type="checkbox"/> Water | Meter PPM Tube PPM <input type="checkbox"/> Bag |
| NE Pit | <input type="checkbox"/> Oil X Water | Meter PPM 4 Tube PPM <input type="checkbox"/> Bag |
| NW Pit | <input type="checkbox"/> Oil X Water | Meter PPM 3 Tube PPM <input type="checkbox"/> Bag |

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| SE Pit | <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Water | Meter PPM 51 | Tube PPM | <input type="checkbox"/> Bag |
|--|--|---|---------------------|---------------------------------------|
| | <input type="checkbox"/> Oil <input type="checkbox"/> Water | Meter PPM | Tube PPM | <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Oil <input type="checkbox"/> Water | Meter PPM | Tube PPM | <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Oil <input type="checkbox"/> Water | Meter PPM | Tube PPM | <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Oil <input type="checkbox"/> Water | Meter PPM | Tube PPM | <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Oil <input type="checkbox"/> Water | Meter PPM | Tube PPM | <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Oil <input type="checkbox"/> Water | Meter PPM | Tube PPM | <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Oil <input type="checkbox"/> Water | Meter PPM | Tube PPM | <input type="checkbox"/> Bag |
| SEPARATORS | | | | |
| Separator Number | Type | Status | Type of sample/ PPM | |
| Sep. 1&2 | <input type="checkbox"/> Main <input type="checkbox"/> Test | <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter 0 PPM | Tube PPM <input type="checkbox"/> Bag |
| Sep. 3&5 | <input type="checkbox"/> Main <input type="checkbox"/> Test | <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter 0 PPM | Tube PPM <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Main <input type="checkbox"/> Test | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM | Tube PPM <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Main <input type="checkbox"/> Test | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM | Tube PPM <input type="checkbox"/> Bag |
| | <input type="checkbox"/> Main <input type="checkbox"/> Test | <input type="checkbox"/> Flowing <input type="checkbox"/> Static | Meter PPM | Tube PPM <input type="checkbox"/> Bag |
| Comments | | | | |
| Tested the Concord Open Pit and Vacuum Truck as well as the production equipment noted above. | | | | |
| Found 0 PPM on Concord's equipment on initial test (without agitation, stagnate). | | | | |
| During hose disconnection from vacuum truck, found the 15 PPM H2S Gas at disconnection point. | | | | |
| | | | | |
| H2S Scavenger & Biocide were added to Production Water Pits and Concord's Open Pit, and rolled to Reduce H2S presence. | | | | |
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| Results for Production Water Pits are shown below, both before/after treating & rolling of pits. | | | | |
| | | | | |
| South East Water Pit: 0 PPM (static, without agitation), 51 PPM (with agitation). The pit was then treated & rolled/agitated for 20 minutes to show 0 PPM. | | | | |
| North East Water Pit: 0 PPM (static, without agitation), 4 PPM (with agitation). The pit was then treated & rolled/agitated for 20 minutes to show 0 PPM. | | | | |
| North West Water Pit: 0 PPM (static, without agitation), 3 PPM (with agitation). The pit was then treated & rolled/agitated for 20 minutes to show 0 PPM. | | | | |
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