

BTA OIL PRODUCERS LLC

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

RECEIVED

HYDROGEN SULFIDE TRAINING 1.

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

- The hazards and characteristics of hydrogen sulfide (H₂S). a.
- b. The proper use and maintenance of personal protective equipment and life support
- The proper use of H₂S detectors, alarms, warning systems, briefing areas, C. evacuation procedures, and prevailing winds.
- The proper techniques for first aid and rescue procedures. d.

In addition, supervisory personnel will be trained in the following areas:

- The effects of H2S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- Corrective action and shut-in procedures when drilling or reworking a well and b. blowout prevention and well control procedures.
- The contents and requirements of the H₂S Drilling Operations Plan and the Public C. Protection Plan.

There will be an initial training session just prior to encountering a known or probable H2S zone (within 3 days or 500 feet) and weekly H2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H2S Drilling Operations Plan and the Public Protection Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

2. H₂S SAFETY EQUIPMENT AND SYSTEMS

Note: All H₂S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H2S. If H2S greater than 100 ppm is encountered in the gas stream we will shut in and install H2S equipment.

- Well Control Equipment: a.
 - Flare line.
 - Choke manifold with remotely operated choke.
 - Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
 - Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head.
- Protective equipment for essential personnel: b.
 - Mark II Surviveair 30-minute units located in the dog house and at briefing areas.
- H2S detection and monitoring equipment: C.

- 2 portable H2S monitor positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 ppm are reached.
- d. Visual warning systems:

 Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used, when appropriate. See example attached.
- e. Mud Program:
 The mud program has been designed to minimize the volume of H2S circulated to the surface.
- f. Metallurgy:
 All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H2S service.
- g. Communication:
 Company vehicles equipped with cellular telephone.

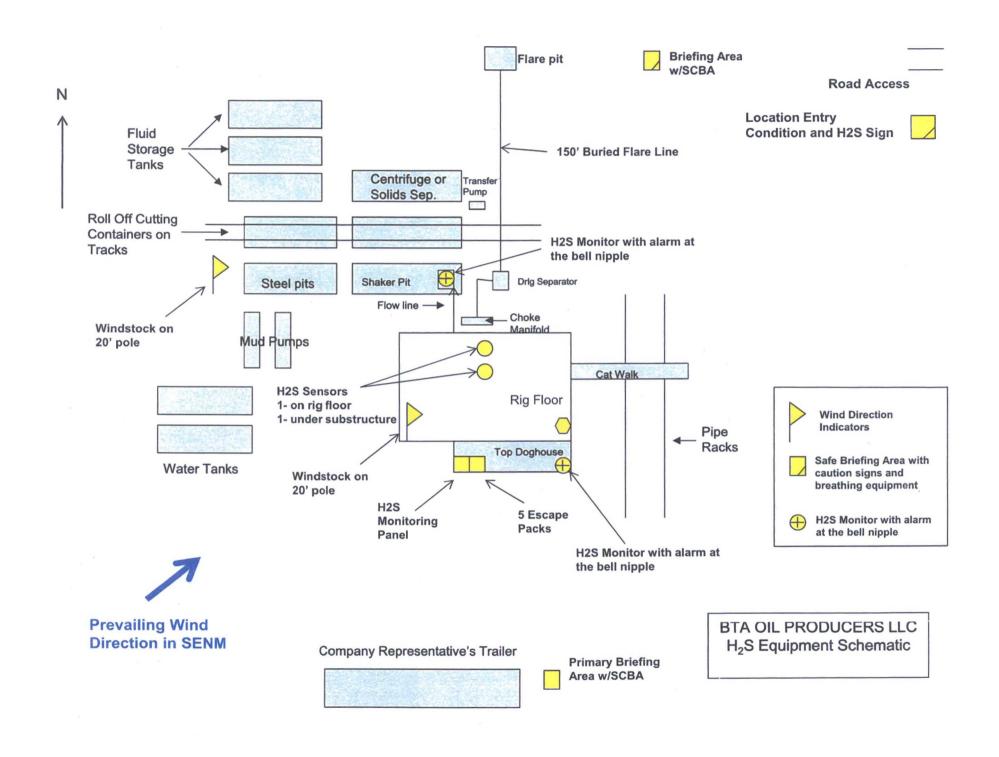
WARNING

YOU ARE ENTERING AN H₂S AREA AUTHORIZED PERSONNEL ONLY

- 1. BEARDS OR CONTACT LENSES NOT ALLOWED
- 2. HARD HATS REQUIRED
- 3. SMOKING IN DESIGNATED AREAS ONLY
- 4. BE WIND CONSCIOUS AT ALL TIMES
- 5. CK WITH BTA OIL PRODUCERS LLC FOREMAN AT MAIN OFFICE

BTA OIL PRODUCERS LLC

1-432-682-3753



WELL SITE PLAN 3364.3' 3353.6' SECTION 1 SECTION 12 ETP CRUDE OIL LLC. BURIED PIPLINE PROPOSED WELL PAD 200' 150 8105 MESA #32H ELEV. 3357.8' GEODETIC COORDINATES NAD 27 NME LAT.=32.078850° N LONG.=103.630461° W NAD 83 NME LAT.=32.078975° N LONG.=103.630933° W 3353.8' 200 3355.4 200' CTB3352.4 3354.1' SURVEY BOUNDARY 200' SEE "TOPOGRAPHICAL AND ACCESS ROAD MAP" FOR PROPOSED ROAD LOCATION. ///// DENOTES AREA TO BE RECLAIMED DIRECTIONS TO LOCATION: 200 Feet 100 100 FROM THE INTERSECTION OF ST. HWY'S 18 & 128 IN JAL, NM GO WEST ON ST. HWY. 128 APPROX. 31 MILES TO CO. RD. J1 Scale: 1"=100 (ORLA RD.). TURN LEFT AND GO SOUTH APPROX. 10.4 MILES TO PIPELINE RD. TURN LEFT AND GO EAST APPROX 3.0 MILES. TURN BTA OIL PRODUCERS, LLC LEFT AND GO NORTH ON CALICHE LEASE RD. APPROX. 0.4 MILES TO THE MESA JV-P #1 PAD, FROM THE NW CORNER OF PAD FOLLOW ROAD SURVEY STAKES NORTH 3200' AND THEN WEST 2330 FEET TO 8105 MESA #32H WELL LOCATED 285 FEET FROM THE NORTH THE NORTHEAST CORNER OF THIS LOCATION. LINE AND 1980 FEET FROM THE WEST LINE OF SECTION 1,

Survey Date: 6/1/16

W.O. No.: 16110430

TOWNSHIP 26 SOUTH, RANGE 32 EAST, N.M.P.M.,

LEA COUNTY, NEW MEXICO

CAD Date: 6/14/16

Rel. W.O .:

Drawn By: ACK

Sheet 1 of

C Anjelica\2016\BTA OIL PRODUCERS, LLC\WELLS\16110430 8105 MESA #32H

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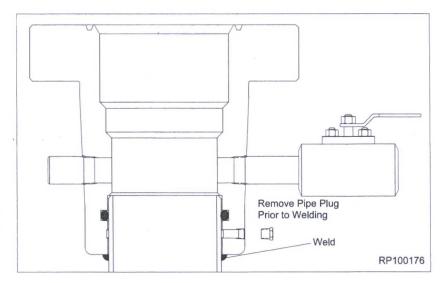
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Install the Casing Head

 Wipe the ID of the o-ring of the Casing Head with a light coat of oil or grease.

NOTE: Excessive oil or grease will prevent a positive seal from forming.

- 15. Lower the Casing Head over the surface casing stub to a positive stop.
- 16. Remove the fitting from the test port and set aside.
- 17. Orient the Casing Head as per the Drilling Superintendents instructions ensuring the face of the Casing Head is level and two holed to the drilling rig substructure.
- 18. Weld and test the surface casing to the Casing Head as per the REC-OMMENDED FIELD WELDING PROCEDURE located in the back of this manual.
- Once all welding and testing is completed, replace the fitting into the open port and close the valve on the Casing Head.



RP-001	Reviewed By:	Approved By:
Rev 0	Bruck T Ross	BO
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WFT Casing Head (Slip on Weld with O-Ring) Running Procedure

