

# CARDINAL SURVEYS COMPANY

## JOB SAFETY ANALYSIS - LOGGING

PAGE 1

CUSTOMER:	CARDINAL FIELD SUPERVISOR:	DATE:
LEASE & WELL:	PERSONNEL ON JOB:	WIND:
CUSTOMER REPRESENTATIVE:		MUSTER POINT:
<b>REQUIRED/RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:</b> •HARD HATS •SAFETY SHOES •SAFETY GLASSES •EAR PROTECTION •GLOVES •WIPES •SURVEY METER •FILM BADGES •H2S MONITOR •LOCK-OUT/TAG-OUT •FIRST AID KIT •FIRE EXTIGUISHE •FIRE RETARDANT CLOTHING ( If Required ) •WATER CAN •AIR PACK (If Needed/Required)		
<b>SEQUENCE OF BASIC JOB STEPS</b>	<b>POTENTIAL ACCIDENTS OR HAZARDS</b>	<b>RECOMMENDED SAFE JOB PROCEDURE</b>
1) INSPECT WORK LOCATION FOR ANY POTENTIAL HAZARDS AND DOCUMENT.	H2S, LEAKING OF GAS/OIL AT WELL HEAD CONTAMINATION OR ELECTRIC LINES ABOVE	HARD HATS, SAFETY GLASSES & SHOES, FILM BADGES. GLOVES, H2S MONITOR, SURVEY METER
2) RIGGING UP - SURVEY WELLHEAD AND AREA WITH SURVEY METER	STRUCK BY, OVER EXCERTION, LIFTING, CONTAMINATION	HARD HATS, SAFETY GLASES & SHOES, GLOVES, TWO PEOPLE, FILM BADGES, VINYL GLOVES, WIPES, SURVEY METER,
3) LOAD RADIOACTIVE EJECTOR	EXPOSURE	ALLOW NO ONE IN IMMEDIATE AREA,
4) PRESSURE TEST LUBRICATOR	STRUCK BY, STRUCK AGAINST, PRESSURE RELEASE	ALLOW NO ONE IN AREA OF LINES OR WELL HEAD, ALLOW NO ONE BETWEEN WELL HEAD AND LOGGING TRUCK, WEIGHT INDICATOR
5) GOING IN HOLE AND LOGGING	STRUCK BY, WIRELINE BREAKING	
6) COMING OUT OF HOLE	STRUCK BY, WIRELINE BREAKING	
7) RIGGING DOWN - SURVEY WELLHEAD AND AREA WITH SURVEY METER	STRUCK BY, OVER EXCERTION, LIFTING, CONTAMINATION	HARD HATS, SAFETY GLASSES & SHOES, FILM BADGES. GLOVES, H2S MONITOR, SURVEY METER
<b>JOB PROBLEMS OR EQUIPMENT FAILURES</b>	<b>CUSTOMER SAFETY EQUIPMENT UTILIZED</b>	<b>TRAINING DATES ( CUSTOMER SPECIFIC EQUIPMENT )</b>

**CARDINAL SURVEYS COMPANY**  
PRE-JOB SAFETY MEETING/TAILGATE MEETING  
PAGE 2

**1. SAFETY EQUIPMENT:**

GLASSES, BOOTS, HARD HAT, UNIFORMS, FIRST AID KIT, CELLULAR PHONE, TRANSPORTATION FOR EMERGENCY AND WATER CAN.

**2. EXPLANATION OF JOB:**

WHAT TYPE OF JOB, TOOLS NEEDED, SUPPLIES NEEDED AND TYPE OF RADIOACTIVE MATERIAL.

**3. RIGGING UP PROCEDURES:**

PULLING UNIT, MAST OR CRANE. BE AWARE OF FRAC EQUIPMENT, WIND DIRECTION, LUBRICATOR & PRESSURE EQUIPMENT.

**4. POTENTIAL WORK HAZARDS:**

LIFTING, HIGHLINES, PIPELINES, OPENING AND CLOSING VALVES, PITS, CELLARS, CLIMBING ON FLOOR OR TRUCK.

**5. HEALTH HAZARDS:**

H<sub>2</sub>S, ACIDS, CHEMICALS, PRODUCED WATER, HEAT, COLD, RADIOACTIVE MATERIAL (TYPE).

**6. CLEAN-UP DURING & AFTER JOB.**

**7. PERSONS ON LOCATION INVOLVED IN LOGGING OR TAGGING.**

**SIGNATURES**
