Abdirazakov Akmal Ibragimovich
associate professor
department "Oil and gas business"
Karshi State Technical University
Uzbekistan Karshi

REQUIREMENTS FOR GAS LIFT OPERATION OF WELLS IN DIFFICULT CONDITIONS

Annotation: This article presents a brief outline of the requirements that must be met by well workers in complex emergency situations during the operation of gas lift wells.

Key words: gas lift, accident, well, situation, equipment, pipeline, oil, explosion.

Абдиразаков Акмал Ибрагимович
доцент,
кафедра "Нефтегазовое дело"
Каршинский государственный технический университет
Узбекистан г.Карши

ТРЕБОВАНИЯ К ГАЗЛИФТНОЙ ЭКСПЛУАТАЦИИ СКВАЖИН В СЛОЖНЫХ УСЛОВИЯХ

Аннотация: В данной статье представлена кратко изложены требования, которые должны быть выполнены работники скважинах в сложных аварийных ситуациях при эксплуатации газлифтных скважин.

Ключевые слова: газлифт, авария, скважина, ситуация, оборудование, трубопровод, нефть, взрыв.

Introduction

Gas lift exploitation of a well is a way to raise the production of wells and the daily surface of the potential energy expanding gas, using natural (and in some cases - rain) and artificial energy, which is compressed from external sources by means of gas compression (compressed or natural).

The main part

Gaslift is a gas lift emergency in situations use

Gaslift in the use of wells technological of the process normative on the way in the fall not held , tools - equipment to the wholeness of the people to your health and pipelines of hermeticity breakdown as a result the weather gasification , fire , explosion take visitor all situations , emergency is calculated .

Gaslift in the use of wells in the house emergency situations to the surface arrival possible :

- gas hazard appearance to be .

- fire of danger appearance to be .

- the work of the well or yes driving from the system seepage

In the building all emergency in situations , service maker employees , " It happens There is a risk of an accident elimination to do "plan " of to the operational department suitable , action their actions It is necessary to inform the dispatcher of the " Muborakneftgaz " USK , the mine manager , the shift manager , the mine manager about the accident . oil and gas drilling For the shift engineer , Uzbekistan Militarized to the duty officer of the name q (UzVCh) , if fire if the danger b dies , the fire to the launch command message they give need .

Gas hazard appearance to be

Gas danger , equipment , pipe transmitters , devices , tools wholeness when broken , flanged of associations hermeticity when broken happened It will be .

Hermeticity disruption and building within the territory gassing happened when it happens those in the house execution need :

- this technological to paragraph 8.3 of the regulation according to q gas lift wells emergency stop

- people carbonated from the zone take output measures construction

- « Sadir There is a risk of an accident elimination arrival plan » to

according to the accident localization (isolation) and elimination to do introduction

Fire happened to be .

Fire If it happens , burn it out He died on the spot technological of equipment hermeticity from work output and burning leave , h avoning gasification and people's to life danger insertion possible .

First to be who started the fire the person providing the service employees , fire chi q gani kha q ida , warning need Service provider employees those in the house their performance necessary :

- this technological to paragraph 8.3 of the regulation according to the emergency shutdown of gas lift wells .

- fire discharge team to the next until , " Saddir " There is a risk of an accident elimination to do According to the plan » , available fire discharge tools with fire to drive introduction

Emergency gas lift wells stop

All emergency in situations , do not hit emergency will be suspended .

- yes driving on the list stopper device means with oil dig gaslift gas to the producing wells to pass stop

- store the well output on the list antimony Zulfini opening and the plume of antimony Zulfina close , well worker pressure 0 atm . until dawn to the warehouse emptying

- in the event that happened the news mine management to the composition known to do .

Security requirements .

At the enterprise labor security management , enterprise leader , his by lieutenants , masters , foremen , and brigade leaders to do increases .

Technological systems , their separate elements , equipment , safe to use provision for necessary , regulation and blocking devices with furnished to be need .

Oil gaslift method with digging control of well, technological indicators (pressure , consumption , temperature) at the exit arrival tools with furnished to be need .

Oil pipeline conductors , antimony Zulfin , Stutser and x. k. s frozen when you get them hot water or this with heating need . Open fire with heating It is closed .

Conclusion

Technological the process safe to do increase conditions and employees protection to do .

Gas lift to the wells independent service to show , but only relevant he received instructions , he was trained , he started work to the activity owner and knowledge checked only individuals work permission will be allowed .

Oil gas lift method with dig output fire , explosion dangerous work output to the category enters , so for technological equipment around , administration or at the facility work take going You are welcome . special permit b is not dead , a stranger of people to be It is closed .

Gas dangerous places inciting with signs (indicators) designated division Need gas . dangerous in places to be carried out work , three days inexhaustible from metal prepared tools with take going need .

Every what blow with related work (pressure) under dirty in equipment bolt and studs ma h reduce) perform is prohibited .

Explosion dangerous in places special from explosion and protected the lights use need .

Fire burning and smoking strictly I am is done .

All workers servicing gaslift wells , use in time to the surface arrival possible dirty all haw f - danger types their knowledge need .

the monitor (operator) room 11 - room cited all documents to be need .

Technological the process safe to do increase conditions those in the house with is provided .

- norms of the technological regime , this technological in the regulations installed appropriate take to go

- technological process k ' indicators control to do to the schedule action to do .

- fire and gas safety norms and to the requirements , position and to working instructions, industry sanitation to the requirements action to do .

Note - technological norm from the demands outlier , process k ' indicators all changes , only by the leadership of " Muborakneftgaz " UShK written to his command mainly to do increase need .

Servicing gaslift wells all employees , natural gas , oil gases and in the composition Sulfur is dead oils with related work what are the risks when done come output possible their knowledge need .

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