

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک فعالیت های روزمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی مربوط به موقعیت W018S								
شماره پیمان: 053 – 073 – 9184	PDMS MODEL REVIEW REPORT (60%) - W018S							شماره صفحه: 1 از 7	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	RT	0001		D03

طرح نگهداشت و افزایش تولید 27 مخزن

PDMS MODEL REVIEW REPORT (60%) - W018S

نگهداشت و افزایش تولید میدان نفتی بینک

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D02	JAN. 2023	IFA	M.Noori	M.Fakharian	M.Mehrshad	
D01	MAY. 2022	IFA	A.Khosravi	M.Fakharian	M.Mehrshad	
D00	APR. 2022	IFC	A.Khosravi	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue/Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

Class:2

CLIENT Doc. Number: F0Z-707439

Status:

IDC: Inter-Discipline Check
 IFC: Issued For Comment
 IFA: Issued For Approval
 AFD: Approved For Design
 AFC: Approved For Construction
 AFP: Approved For Purchase
 AFQ: Approved For Quotation
 IFI: Issued For Information
 AB-R: As-Built for CLIENT Review
 AB-A: As-Built –Approved

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک فعالیت های رو زمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی مربوط به موقعیت W018S																	
شماره پیمان: 053 - 073 - 9184	PDMS MODEL REVIEW REPORT (60%) - W018S <table border="1"> <tr> <td>پروژه</td> <td>بسته کاری</td> <td>صادر کننده</td> <td>تسهیلات</td> <td>رشته</td> <td>نوع مدرک</td> <td>سریال</td> <td>نسخه</td> </tr> <tr> <td>BK</td> <td>W018S</td> <td>PEDCO</td> <td>110</td> <td>PI</td> <td>RT</td> <td>0001</td> <td>D03</td> </tr> </table>	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	BK	W018S	PEDCO	110	PI	RT	0001	D03	شماره صفحه: 2 از 7
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REVISION RECORD SHEET

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	نگهداشت و افزایش تولید میدان نفتی بینک فعالیت های روزمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی مربوط به موقعیت W018S								
شماره پیمان: 053 – 073 – 9184	PDMS MODEL REVIEW REPORT (60%) - W018S							شماره صفحه: 3 از 7	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	RT	0001		D03

CONTENTS

1.0	INTRODUCTION	4
2.0	SCOPE	4
3.0	NORMATIVE REFERENCES.....	5
3.1	THE PROJECT DOCUMENTS.....	5
3.2	ORDER OF PRECEDENCE	5
4.0	KEY OBJECTIVES.....	5
5.0	STATISTICS	5
6.0	DESCRIPTION AND CONCLUSIONS.....	6

	نگهداشت و افزایش تولید میدان نفتی بینک فعالیت های روزمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی مربوط به موقعیت W018S								
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	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	RT	0001	D03	

1.0 INTRODUCTION

Binak oilfield in Bushehr province is a part of the southern oilfields of Iran, is located 20 km northwest of Genaveh city.

With the aim of increasing production of oil from Binak oilfield, an EPC/EPD Project has been defined by NIOC/NISOC and awarded to Petro Iran Development Company (PEDCO). Also PEDCO (as General Contractor) has assigned the EPC-packages of the Project to "Hirgan Energy - Design and Inspection" JV.

As a part of the Project, construction of well location, access road, wellhead facilities for W018S shall be done. In addition, construction of new flowline from aforementioned well location to Binak B/C unit are in the Project scope of work.

GENERAL DEFINITION

The following terms shall be used in this document.

CLIENT:	National Iranian South Oilfields Company (NISOC)
PROJECT:	Binak Oilfield Development – Construction of Well Location, Wellhead Facilities & Flowline for W018S
EPD/EPC CONTRACTOR (GC):	Petro Iran Development Company (PEDCO)
EPC CONTRACTOR:	Joint Venture of : Hirgan Energy – Design & Inspection (D&I) Companies
VENDOR:	The firm or person who will fabricate the equipment or material.
EXECUTOR:	Executor is the party which carries out all or part of construction and/or commissioning for the project.
THIRD PARTY INSPECTOR (TPI):	The firm appointed by EPD/EPC CONTRACTOR (GC) and approved by CLIENT (in writing) for the inspection of goods.
SHALL:	Is used where a provision is mandatory.
SHOULD:	Is used where a provision is advisory only.
WILL:	Is normally used in connection with the action by CLIENT rather than by an EPC/EPD CONTRACTOR, supplier or VENDOR.
MAY:	Is used where a provision is completely discretionary.

2.0 SCOPE

This document presents all raised issues and made decisions during 30% model review session

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک فعالیت های روزمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی مربوط به موقعیت W018S								
شماره پیمان: 053 – 073 – 9184	PDMS MODEL REVIEW REPORT (60%) - W018S							شماره صفحه: 5 از 7	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	RT	0001	D03	

of PROJECT which should be followed and performed during continuation of PROJECT.

3.0 NORMATIVE REFERENCES

3.1 The Project Documents

- BK-GNRAL-PEDCO-000-PI-PR-0001 3D-Model (PDMS) Review Procedure

3.2 Order of Precedence

In case of any conflict between the contents of this document or any discrepancy between this document and other project documents or reference standards, this issue must be reported to the CLIENT. The final decision in this situation will be made by CLIENT.

4.0 KEY OBJECTIVES

The purpose of 60% Model Review is to freeze any detail design of disciplines and to hand over to a production work. In principle, re-study of the comments raised in 30% review should not be executed as far as such comments have properly been followed. The following objectives shall be addressed during the model review:

- Confirm compliance with project specifications with regard to access for equipment, valves, instruments, and other components to be operated.
- Confirm whether sound design has been observed with regard to safety, operability and maintainability.

The model minimum content for the 60% model review shall be:

- Actions resulting from 30% model review.
- Other piping (line sizes equal and greater than 2") with insulation information mostly completed.
- Orientation of major ladders/stairs/platforms on vessels and columns.
- Major platforms for valves and equipment and operation.
- Permanent cranes and hoisting beams.
- Dimensions of table tops, structures and steel construction.
- Secondary steelworks and bracing.
- Eye washer and safety shower locations.
- Firefighting system (hydrants, monitors, water spray systems, deluge valve manifolds).
- Instrument mounting stands, junction boxes, panels and cabinets of field.
- Above ground instrumentation, telecommunication and electrical cable tray routing above 300 mm.

Substantial review and comments by CLIENT / EPC/EPD CONTRACTOR of the plant model will be completed at the 60% model complete stage. The model will be updated reflecting comments to CLIENT's verification.

	نگهداشت و افزایش تولید میدان نفتی بینک فعالیت های روزمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی مربوط به موقعیت W018S																	
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5.0 STATISTICS

The followings indicate the number of modeled major items which were reviewed during 30% model review:

- Number of modeled equipment: 2
- Number of modeled A/G and U/G Lines: 8
- Number of modeled shelter, structure and building
- Electrical main trench
- Instrument main cable trench

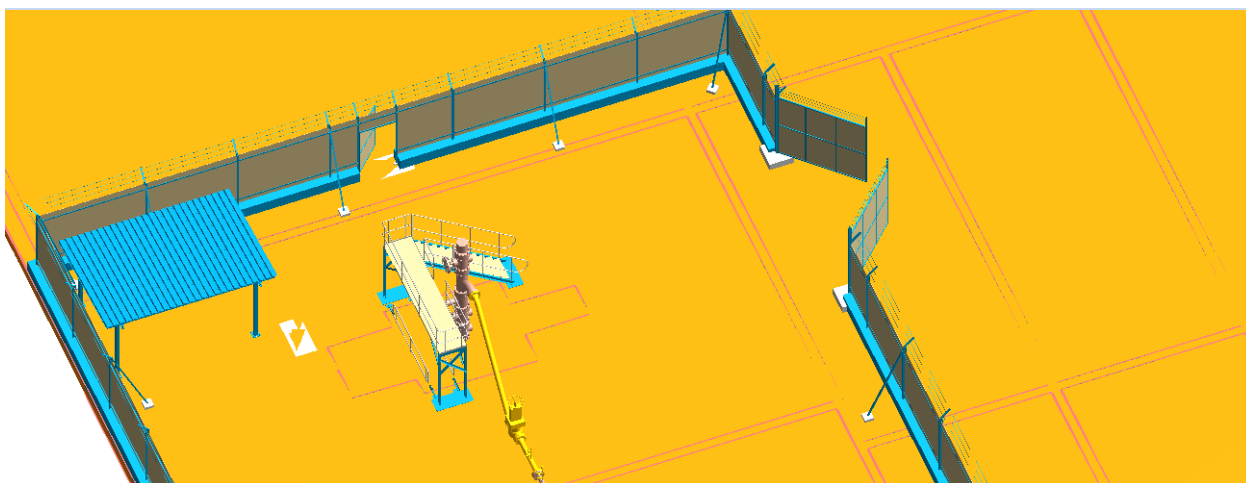
6.0 DESCRIPTION AND CONCLUSIONS

The 60% model review for “Binak Oilfield Development – Surface Facilities “ was held with representatives of CLIENT, EPD/EPC CONTRACTOR (GC) and EPC CONTRACTOR, on 1400/12/11. The subjects of discussion for the meeting were organized and considered based on the following issues:

- General layout and arrangement,
- Operation access rooms,
- Maintenance requirements,
- Installing location for instruments, platforms, and access to instruments,
- Lineup of primary lines.

It was stated that following items should be checked and corrected during 90% modeling and would be reviewed in 90% model review meeting:

- 6.1** The location of the doors should be modified based on the sample provided.



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- 6.2** Slope of burn pit line should be done in such a way that it has the least number of low point.

