



CAREER LADDER ASSESSMENT

18TH MARCH 2020

SPEAKER: PRABHAKER REDDY VANAM

AGENDA



PERSONAL PROFILE



WORK EXPERIANCE



ROLES & RESPONSIBILITIES



PROJECTS & CONTRIBUTIONS



PERSONAL DEVELOPMENT PLAN

PROFILE SUMMARY

About me:

Title: Senior Analyst IT Solutions
Experience: 15 Years (~9 years in ADNOC Onshore)
Interests: Music, Farming and Teaching

Education

- Bachelor of Science, From Osmania UNI, India (2001)
- Masters in Computer Science, From Osmania UNI, India (2004)

Certifications

- Enterprise Content Management
- Content Management Server Programming
- IBM Applied Data Science (2019)
- IBM Applied AI (2020)



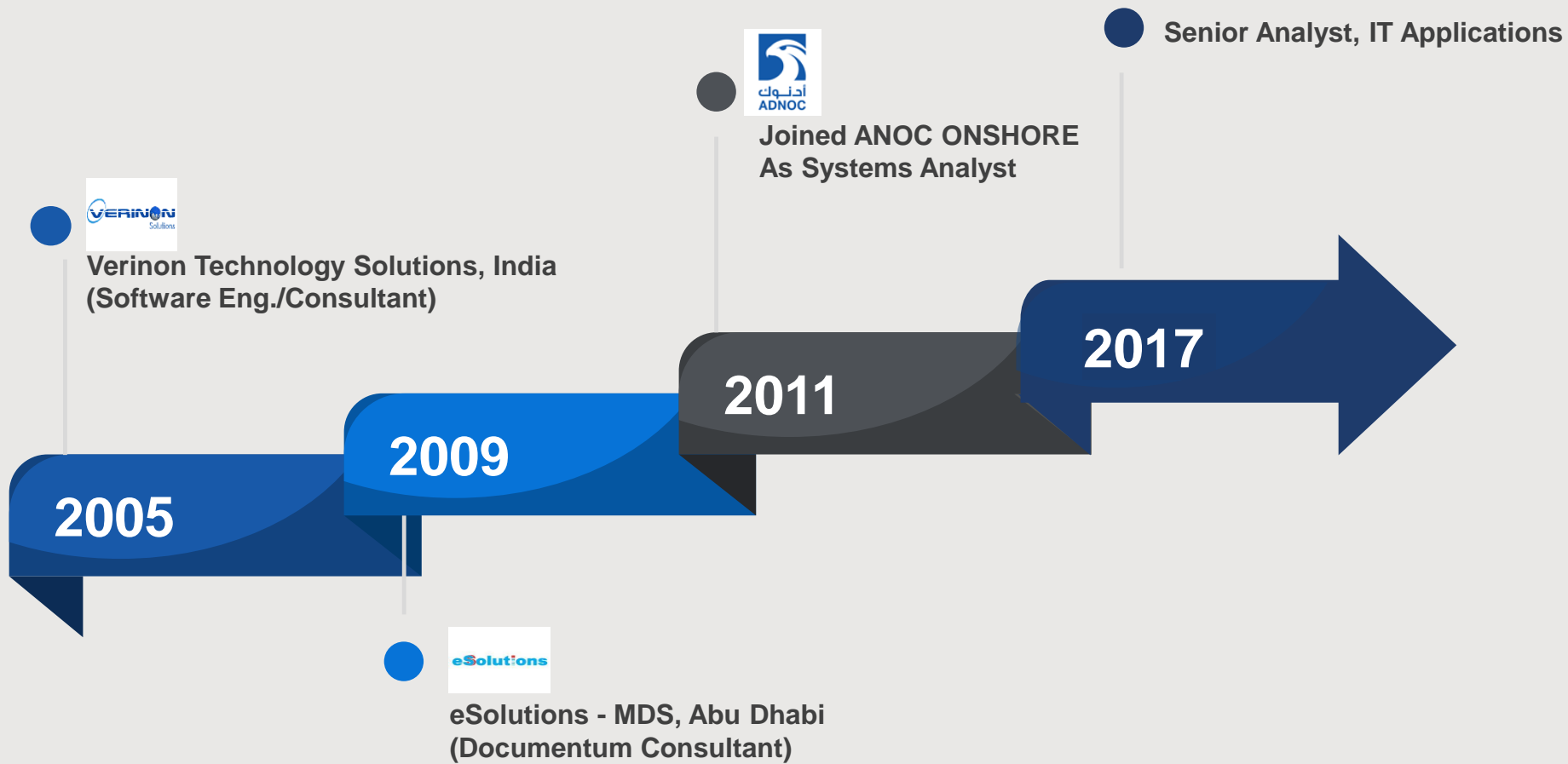
Specializations

- Enterprise Content Management (Documentum suite, Captiva Capture, SharePoint)
- Oracle Aconex – Project Collaboration

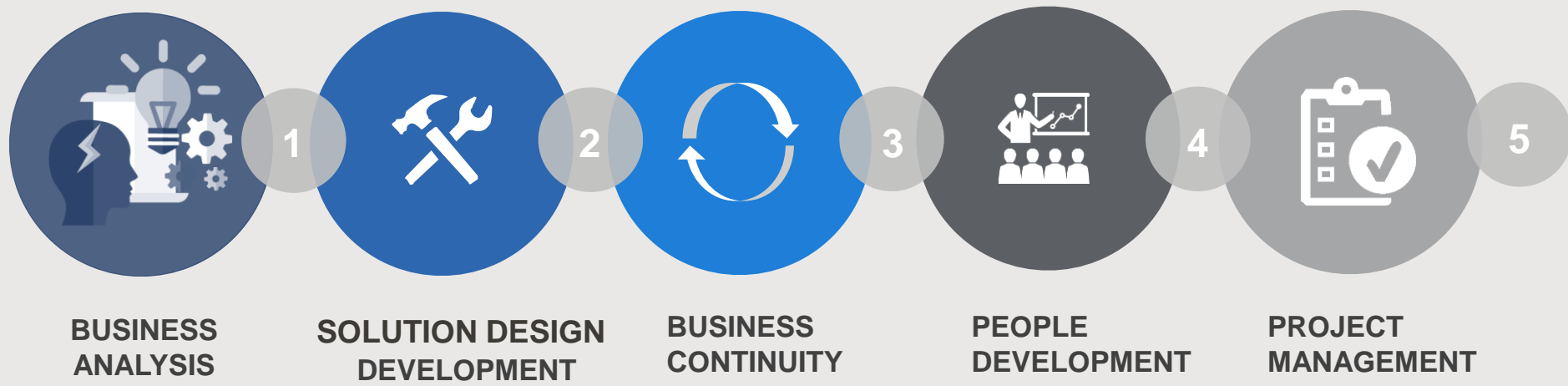
Soft Skills

- Communication Skills
- Problem Solving Skills
- Collaboration Skills

WORK EXPERIENCE



ROLES & RESPONSIBILITIES



PROJECTS & CONTRIBUTIONS

Engineering EDMS,
eTransmittal

eWellFile / Technical
Library

Scanning Solutions

Finance EDMS, Maximo
Integration (ONERP)

Aconex Implementation



Business Value

- Enabled Field Operations to quickly access right version of As-Built Drawings (P&ID, PLOT PLANS etc.)
- GIS-EDMS Integration (Geo Technical Report, SSSP)
- Reduce variations and project delays, better review quality
- Approved deliverable are automatically available in EDMS



Role

- Solution Design and Development



Challenges and Risks

- Migration of 3TB from Documentum v5.3 to v6.5
- Common Brava! viewer for both the EDMS and eTransmittal



Achievements

- Common repository for EDMS and eTransmittal
- **80** Projects are live and using the system (60-EPC, 20-MASTER)
- **125,000+** documents are reviewed using eTransmittal system

PROJECTS & CONTRIBUTIONS

Engineering EDMS,
eTransmittal

eWellFile / Technical
Library

Finance EDMS, Maximo
Integration

Scanning Solutions

Aconex Implementation



Business Value

- Centralized Well File Repository and easily accessible to Drilling team, Asset teams, ADNOC and Shareholders



Role

- Solution Design and Development



Challenges and Risks

- Digitize hardcopy of the WellFile document from different locations
- Auto Classifying the documents
- Training national team to do the digitization



Achievements

- Digitized **5 million** pages with the help of UAE Nationals
- Centralized WellFile documents and Technical library for easy access by different stakeholders
- Integrations with GIS, DWS & eWDP, EXPRIS (PROSOURCE)

PROJECTS & CONTRIBUTIONS

Engineering EDMS,
eTransmittal

eWellFile / Technical
Library

Scanning Solutions

Finance EDMS, Maximo
Integration (ONERP)

Aconex Implementation



Business Value

- Documents are OCR enabled, PDF files are full text searchable
- Clear Office Space



Role

- Implementation/Development
- Training National/digitization Team
- Supervising the digitization team



Challenges and Risks

- Ad-hack scanning requirement from different department (Procurement/Finance/Engineering/Well File & Technical Library/Technical Center/ITD)



Achievements

- Clear Office Space by Digitizing FCD Archival, Contracts, WellFiles and Tender documents
- Improved HSE environment
- Reducing operational cost
- ~6 million pages digitized by the team

PROJECTS & CONTRIBUTIONS

Engineering EDMS,
eTransmittal

eWellFile / Technical
Library

Scanning Solutions

Finance EDMS, Maximo
Integration (ONERP)

Aconex Implementation



Business Value

- Faster and more accurate invoice processing
- Maintenance Procedures controlled with version control
- Automatic de-duplication of documents
- Controlled access to awarded contracts



Role

- Solution Design and Development
- ONERP – Satellite Applications integration
- ONERP – DMS data migration



Challenges and Risks

- Digitize hardcopy **1300** Awarded Contracts document
- Integration with Maximo database



Achievements

- Invoice Auto registration in the Maximo
- Digitized **1300** awarded contracts the with help of National team
- Simplified Invoice/contracts indexing by Maximo integration

PROJECTS & CONTRIBUTIONS

Engineering EDMS,
eTransmittal

eWellFile / Technical
Library

Scanning Solutions

Finance EDMS, Maximo
Integration (ONERP)

Aconex Implementation



Business Value

- Business Process Automation
- Project collaboration solution
- Digitally connects all stakeholders
- Real-time visibility



Role

- Implementation/Development
- Integrations with EDMS application
- Dashboard and Reports
- Focal point from ADNOC Onshore



Challenges and Risks

- Data on cloud (not in our EDMS)
- Standard solution to all client – no client specific enhancements possible



Achievements

- MASTER Project Live
- In-House Implementation In Progress
- EPC – In Progress
- Saved cost 450K AED for 2020

UAE NATIONALS DEVELOPMENT



- Training young Nationals Documentum Technology
- Support and train team in troubleshooting issues.
- Training on new solutions (ADNOC HQ projects, Aconex, Operating Manuals etc.)
- Career guidance and enhancement (IT Academy, Technical Courses, Data science, Share Best practices. etc.)



ADDED VALUE

ALIGNED TO ADNOC KPI



HSE & AI

- Improve on site Safety with timely availability of **As-built Data** for smooth operation of facilities (Maintenance, Operations, control rooms etc.). SDS Portal for Chemical Safety Data Sheets
- Safeguarding company Assets and Data (EDMS DR System)



People

- Helps **engineers** to manage associated information more efficiently
- Helps young **UAE Nationals** with organizational learning



Performance

- Delivering of add-hoc requests (eWellFile & Tech Library, Notifications to DM & IO&E)
- Closing Audit findings & Security Assessments
- Enhancing the User Experience



Profitability

- Overall, Contribute to **CAPEX/ OPEX reduction**



Efficiency

- **Secured access control** based implementation of system
- Easier, **quicker handovers** to operating teams: no gap after start up



ACHIEVEMENTS

(2018 - TILL DATE)



2018

- **eTDF rollout**
- Master deliverables review thru **eTransmittal**
- Optimized reporting on Convert to MASTER Tool
- BRD for Technical Standards Feedback Management
- POC for Tracking tool for eTransmittal deliverables



2019

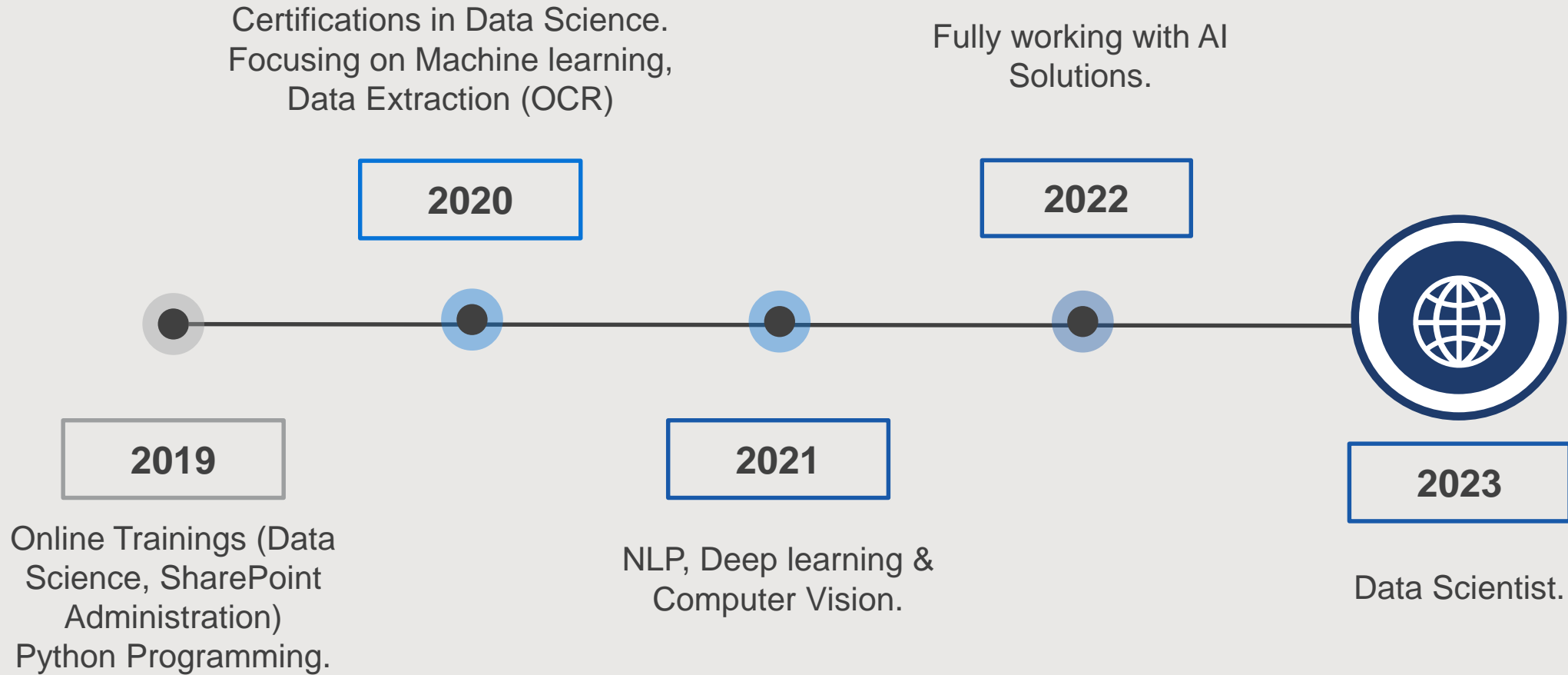
- Certification in Data Science – Certified Applied Data science Professional (from IBM)
- Supported DM/TC(IO&E)/Drilling to achieve their KPIs
- **Operating Manuals** - SharePoint solutions for TC(IO&E)



2020

- Certification in Data Science – Certified Applied AI Professional (from IBM)
- Aconex Implementation @ ADNOC Onshore
- For 2020 saved **AED 450K** – project Cost (23K per Project for ~20 projects). It will be around **2.3m AED** from **2022** every year.

PERSONAL DEVELOPMENT PLAN





CERTIFICATIONS

APPLIED DATA SCIENCE (IBM)



APPLIED AI (IBM)





APPRECIATION EMAILS

TC(IO&E)



From: Majdi Mohamed Bamatraf (ADNOC Onshore - VPIT) <mbamatraf@adnoc.ae>

Sent: Thursday, June 27, 2019 3:46 PM

To: Bader Hamad Al Junaibi (ADNOC Onshore - IT) <baljunaibi@adnoc.ae>; Prabhaker Reddy Vanam (ADNOC Onshore - IT) <pvanam@adnoc.ae>

Cc: Abbas Ahmed Yousef Alblooshi (ADNOC Onshore - VP (I&OE)) <ayousef@adnoc.ae>; Salwa Mohamed Al-Marzooqi (ADNOC Onshore - IT) <smalmarzooqi@adnoc.ae>

Subject: RE: Exporting all Wellhead Schematic and Downhole Schematic to JPG

Dear Team,

This is great achievement

Regards,



Majdi Mohamed Bamatraf
Vice President, IT
Information Technology Division

P O Box 270, Abu Dhabi, UAE
T +971 2 6043953
Email: mbamatraf@adnoc.ae

www.adnoc.ae

ADNOC
Onshore

From: Bader Hamad Al Junaibi (ADNOC Onshore - IT) <baljunaibi@adnoc.ae>

Date: June 27, 2019 at 3:01:05 PM GMT+4

To: Prabhaker Reddy Vanam (ADNOC Onshore - IT) <pvanam@adnoc.ae>; Majdi Mohamed Bamatraf (ADNOC Onshore - VPIT) <mbamatraf@adnoc.ae>; Salwa Mohamed Al-Marzooqi (ADNOC Onshore - IT) <smalmarzooqi@adnoc.ae>

Subject: RE: Exporting all Wellhead Schematic and Downhole Schematic to JPG

ADNOC Classification: Internal

Well done Prabhaker

Prabhaker managed to reduce business job from 2 months to 2 hours.



Bader Hamad Al Junaibi
Team Leader, IT Applications (Content Management)
Information Technology Division

P O Box 270, Abu Dhabi, UAE
T +971 2 6042525
Email: baljunaibi@adnoc.ae

www.adnoc.ae

ADNOC

DATA MANAGEMENT

From: Bedoor Saeed Al Mazrouei (ADNOC Onshore - TC (SS&DM)) <bsalmazrouei@adnoc.ae>

Sent: Thursday, March 05, 2020 2:14 PM

To: Prabhaker Reddy Vanam (ADNOC Onshore - IT) <pvanam@adnoc.ae>

Cc: Abeer Abdul Raheem Ahmed Al Hosani (ADNOC Onshore - IT) <aaralhosani@adnoc.ae>; Abdul Majeed Al Ameri (ADNOC Onshore - TC (SS&DM)) <abdulm.alameri@adnoc.ae>; Fatima Abdulrahman Mohamed Al Teneiji (ADNOC Onshore - TC (SS&DM)) <falteneiji@adnoc.ae>; Hrahiman Al Hrahiman (ADNOC Onshore - IT) <hrahiman@adnoc.ae>; Bader Hamad Al Junaibi (ADNOC Onshore - IT) <baljunaibi@adnoc.ae>; Jaya Krishnan Appunni (ADNOC Onshore - GSD) <jayak@adnoc.ae>; Adel Bamakhrama (ADNOC Onshore - TC (SS&DM)) <abamakhrama@adnoc.ae>; Badr Murshid (ADNOC Onshore - TC (SS&DM)) <aldubai@adnoc.ae>

Subject: RE: eWellFile - Technical Library - Enhancements

Dear Prabhaker,

That's great efforts that will ease data extraction and increase data usage in e-wellfile.

Thanks a lot for your cooperation and immense support,

Regards,



Bedoor Saeed Al Mazrouei
Team Leader, Data (Technical Data Services)
Technical Center (Sub Surface & Data Mgmt)

PO Box 270, Abu Dhabi, UAE
T +9712 7040747
Email: bsalmazrouei@adnoc.ae

adnoc.ae

ADNOC Onshore

From: Prabhaker Reddy Vanam (ADNOC Onshore - IT) <pvanam@adnoc.ae>

Sent: Thursday, March 05, 2020 11:34 AM

To: Bedoor Saeed Al Mazrouei (ADNOC Onshore - TC (SS&DM)) <bsalmazrouei@adnoc.ae>

Dear Bedoor,

Please find the update on the eWellFile & Technical Library (EOS) enhancements.

1. Titles and Report date extraction from Technical Library (EOS) – **No admin license to extract data**
Currently there are no tools to extract data from legacy EOS system, We used the EOS search results as source data to extract titles and reports using pattern-matching technique with python script.
Script extracted **10,950** reports from **300,000** line of text, which are related to eWellfile Technical Library.
2. Extracted Titles and report dates are Loaded to the Reports in eWellFile
3. Enhanced the Search functionality to search with in Technical Library folder in eWellFile - **Same will be added to eWellFile for ADNOC**
4. Fine-tune search results (indexed large & missing documents)
5. Reclassified 100+ reports, which were scanned as eWellFile document, back in 2015.

With these enhancements, users from ADNOC HQ can find the documents easily without looking into two different systems (EOS and eWellFile)
We will continue monitoring the eWellFile usage to improve user experience.

Regards,

Prabhaker



THANK YOU