Pain Point
Sometimes there's a drilling well that is producing that we don't know about because it produces before it gets into BLM systems

Pain Point
This can take a while, so it has to be back dated to the original date of production. Causes special issues with Native American land.
Wells are assigned to a lease until the unit is approved and out of exploratory phase then it moves to an agreement. Retroactively gets approved back to the date it was first producing.

Pain points
- Knowing what lease or agreement a well is on and what amounts were before a well moved onto their lease or agreement
- System finds properties with disposition codes that should have gone to sale compared to sales when there's a certain variance (exception)
- OGOR only has one space for property. Lease-based wells can pool what they're getting and take a portion of what's found in the formation, which doesn't match to the chunks of land leased out by BLM.

Pain Point
New operators take over and they don't have the old records and they get a data request they need to respond to and access previous owner's reports.

Begin Lease → BLM or BOEM sells a lease to the leaseholder → Lease information received and loaded into BLM/BOEM/BIA systems and then into MRMSS by ONRR → Operator submits Application to Drill (APD) in BLM system or eWell. → Well is drilled & adjudicated through BLM/BSEE/BIA → Well need to be assigned to an agreement? → Yes: BLM/BSEE/BIA assigns well to an agreement; No: Well starts producing gas or oil → Production is reported (OGOR A, B, C) in eCommerce (MRMSS) → Revenue data information reported (2014 form) in eCommerce → Revenue is paid on the lease or agreement → Data on OGOR and 2014 are reviewed for accuracy → Customer is contacted about issues. → Continue until well is abandoned ore lease ends (see below)

Begin Operator Change → Inventory is zeroed out on OGOR C for the old operator → New operator registered with BLM/BOEM → Inventory left from old operator entered as an adjustment on OGOR C → End Operator Change

If this doesn't happen, it doesn't affect the new operator's OGORs. Compliance is often on the older operator.

Often go out of business.

Customers

Leaseholder Owns the lease and is ultimately responsible for all obligations (rent, bonuses) and provisions (royalties) of the lease. May or may not be the operator and/or payor.	Becomes responsible for all obligations of the lease. Pays first year's rent and bonus	Has access to lease information			Starts owing royalties		Needs to be aware of correct contract			Responds to issue
Operator Manages and maintains a well and the people working on the well. Can have multiple operators on a lease or agreement, but only one per well. Sometimes is the payor.			Registers well (at which point the operator is assigned)	Operator reports test production on an OGOR	Submits first production sundries and is now required to report production	Submits OGOR reports in eCommerce	Needs to report production on correct contract			Responds to issue
Working Interest Owner Owns an interest in a well, lease, or agreeement. They gave money to the owner to drill the well and get a share of the revenue. Don't have access to the OGOR to verify their share and we only know who they are if they're a payor.					Starts owing royalties	No Access to OGOR – can ask for access to Hyperion or MART				
Payor Pays revenue on a lease (not on agreements). Can be the owner, working interest owner, or a third party. Payors register themselves with ONRR in eCommerce before making their first payment. Will need to re-register if they are a new individual for an operator number or payor number.	May be a separate payor paying early rent						Needs to pay on correct contract	Submits 2014 reports in eCommerce	Pays revenue	Responds to issue

Property

Well Produces gas or oil and can be attached to one ore more leases or agreements, but not always. Can move between different leases and agreements. Can have many working interest owners.	Wells are always part of a lease.		Gets Registered		Starts producing	Only entered on OGOR	Gets assigned to an agreement			Wells are reported until abandoned or the lease expires/ terminates or removed by BLM
Lease Contains one or more wells. Can be in more than one agreement. The same surface acreage can be in multiple leases or agreements because of horizontal drilling.	Beginning of Lease							Required Entry	Lease has to be in the system before payments can be made	Leases can expire or terminate
Agreement Contains one or more wells or leases and can involve more than one operator. The same surface acreage can be in multiple leases or agreements because of horizontal drilling. Included on 2014. **Participating Area/Unit (PA):** Pooling into an exploratory unit. Both onshore and offshore. **Communitization Agreement (CA):** Spacing requirements for the wells that make you have to share a well with a leasing neighbor to share production. Only applies to onshore.	Could be adding a lease to an existing agreement, particularly with offshore.						Beginning of agreement (or could be put on an existing agreement)	Optional Entry		An agreement can terminate and the well is moved back to the lease for reporting

Contract

ONRR Teams

Reference and Reporting Management (RRM): Reference Manage contracts (leases and agreements) in Peoplesoft.		Inputs the lease into MRMSS (from BLM/ BOEM data)			Inputs Indian lease into MRMSS (from BIA)		Receives agreement info from BLM/ BSEE/BIA and manually entered into MRMSS			
Reference and Reporting Management (RRM): Production Reviews production data and answers customer questions about the data reported on the OGOR.		Access through MRMSS	Gets well data from BLM/BSEE	Reviews OGOR reports for test production in MRMSS for accuracy		Reviews OGOR reports in MRMSS for accuracy				
Reference and Reporting Management (RRM): Royalty Puts the lease into the system before anyone can pay on the lease. Royalty team is also part of this team.		Access through MRMSS						Reviews 2014 reports in MRMSS for accuracy		Answers questions about OGOR data
Financial Management (FM) Accounts payable, accounts receivable, debt collection.		Access through MRMSS							Receive payment	
Compliance Management Volume Comparison reviews OGOR and 2014 data to make sure they match up and contacts customers about any exclusions and issues.									Compares 2014 to OGOR data	Answers questions about review
Audit Management Audit conducts audits on OGOR and 2014 data a couple years after reporting.									Conducts audits	Answers questions about audit
Coordination, Enforcement, Valuation, and Appeals (CEVA) Reviews audit appeals and works through issues. Look at OGOR and 2014 data to understand context.									Reviews appeals and receives issue escalation from other teams	Answers questions about appeal or escalation

Not concurrent – tiered process.

Other DOI Agencies

Bureau of Land Management (BLM) Manages onshore leases.	Onshore	Enters onshore lease information in AFMSS/LR2000	Registers onshore well & operator in AFMSS/LR2000		Triggers review to assign agreement, if needed.		Assigns Wells to Agreements			
Bureau of Safety and Environmental Enforcement (BSEE) Manages some offshore leases.		Pulls lease information from TIMS for their systems	Registers offshore well in TIMS				Reviews and approves well data from eWell and when approved goes to TIMS.			
Bureau of Ocean Energy Management (BOEM) Manages offshore leases.	Offshore	Enters offshore lease information in TIMS	Registers offshore operator in TIMS							
Bureau of Indian Affairs (BIA) Manages leases on Native American lands.	Native American	They have TAMS system and they send ONRR a hard copy of their data			Sends lease data to RRM		Assigns Wells to Agreements			

Systems

Well Information System (WIS) (BLM) System onshore customers enter data (such as APD – application for permission to drill) into that then gets routed for approvals by BLM and put into AFMSS/LR2000. Will be replaced by AFMSS 2 (currently does APDs only).					All well information except APD entered in WIS					
AFMSS 2 (BLM) Currently only doing APD entry and will replace WIS and AFMSS 1. Will be fully connected with LR2000. Should be up and running by 10/1/2019.			APD entered by operator							
AFMSS 1 (BLM) The well information, which includes the lease information (and lots of other information) to include inspections etc. Going away when AFMSS 2 is done.			Well is approved and entered into AFMSS by BLM							
LR2000 (BLM) Public facing land/Leasing system for onshore.		Lease is entered into LR2000	Well data pulls from AFMSS into LR2000	ONRR sends reviewed OGOR data to BLM for entry into LR2000		ONRR sends reviewed OGOR data to BLM for entry into LR2000	Agreement is entered into LR2000	ONRR sends 2014 data to BLM for entry into LR2000		
EWell (BOEM/BSEE) System offshore customers enter data into that then gets routed for approvals by BOEM/BSEE and put into TIMS. Submit things like: APDs, operator change, status change, first production.			APD entered by operator		All well information (sundries) entered in eWell		BOEM reviews and approves agreement data from eWell and when approved goes to TIMS.			
TIMS (BOEM/BSEE) Offshore data system.		Lease is entered by BOEM into TIMS for offshore	Well is approved and entered by BSEE into TIMS.	BSEE grabs ONRR OGOR data for entry into TIMS		BSEE grabs ONRR OGOR data for entry into TIMS	Agreement is entered into TIMS	BSEE grabs ONRR 2014 data for entry into TIMS		
Data Center (BOEM/BSEE) Public facing view to TIMS data for offshore.		Data entered into TIMS is presented in Data Center.	Data entered into TIMS is presented in Data Center.	Data entered into TIMS is presented in Data Center.		Data entered into TIMS is presented in Data Center.	Data entered into TIMS is presented in Data Center.	Data entered into TIMS is presented in Data Center.		
TAMS (BIA) They use the system, but give ONRR data from it in hard copy.										
MRMSS Backend of all ONRR systems.		Reference team reviews and manually enters lease in MRMSS	Production team reviews well file and uploads and resolves errors in MRMSS	Production team reviews/edits data in MRMSS		Production team reviews/edits data in MRMSS	Reference team reviews and manually enters agreement in MRMSS	Royalty team reviews/edits data in MRMSS		
eCommerce Customer facing interface to MRMSS. Customers submit eMARF form to ONRR for approval to access. Individuals of the company have to register to utilize eCommerce and have to have an operator or payor number to get access.		Validates against this data, but not visible.	Validates against this data, but not visible.	Operator enters OGOR for test production, validates, and sends data in eCommerce		Operator enters, validates, and sends data in eCommerce	Validates against this data, but not visible.	Payor enters, validates, and sends data in eCommerce		
Peoplesoft eCommerce feeds into Peoplesoft where RRM team accesses the data.		Visible	Visible	Visible		Visible	Visible	Visible		
MART BI tool that will eventually replace Brio. Requires access be granted by ONRR.		Visible	Visible	Visible		Visible	Visible	Visible		
BRIO (Hyperion, Data Warehouse) Reports. Customers submit eMARF form to ONRR for approval to access. Going away around 3rd Qtr of FY19.		Visible	Visible	Visible		Visible	Visible	Visible		
Pay.gov Issue invoices through MRMSS and then payments are made through pay.gov.	Leaseholder makes rent and bonus payments through pay.gov until production starts								Make payments through pay.gov	

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