



## *WOGCC UPDATE*

PAW Reclamation Conference

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December 12, 2019





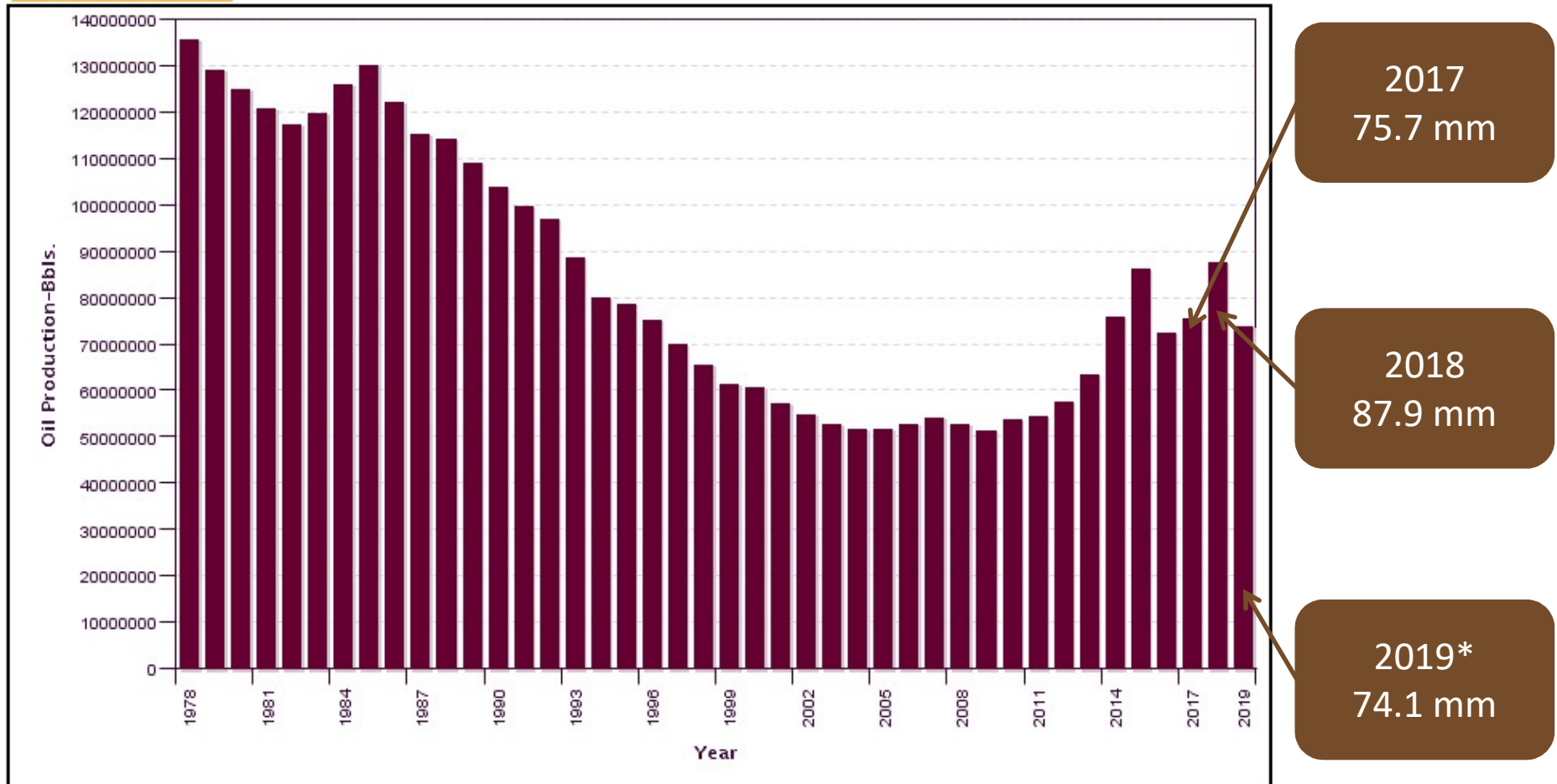
## Outline

- Statistics
- 2019 Minerals Committee
- APD Rule/Operatorship
- Other Commission Activity





## Oil Production



\*2019 partial through Sept – if production remains same through remainder of year will end 2019 at 98.8 mm



## National Oil Production Ranking

Rank	State	Crude Oil Production (thousand barrels per day)
1	Texas	5,121
2	North Dakota	1,443
3	New Mexico	936
4	Oklahoma	563
5	Colorado	520
6	California	439
7	Alaska	382
8	Wyoming	280
9	Louisiana	124
10	Utah	100
11	Ohio	91
12	Kansas	89
13	Montana	59
14	West Virginia	48
15	Mississippi	46

Top 15 States (August 2019 Daily Production) from EIA.GOV



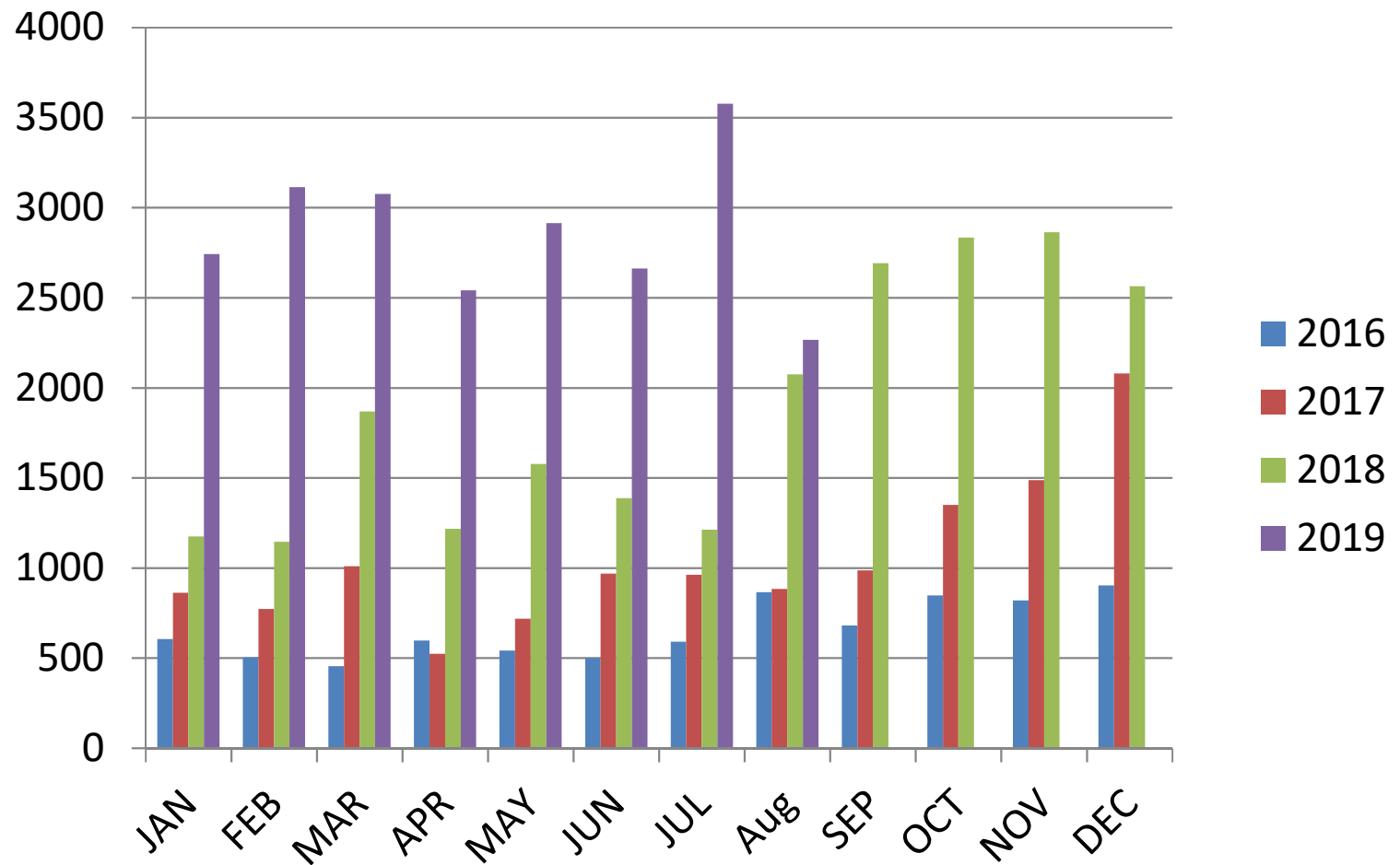
## Top 15 Companies Oil Production

Company	Wells	Oil Bbls.
EOG RESOURCES INC	2,970	15,519,533
CHESAPEAKE OPERATING LLC	324	8,369,663
DEVON ENERGY PRODUCTION COMPANY LP	659	7,352,789
MERIT ENERGY COMPANY	1,730	5,876,386
FDL OPERATING LLC	1,274	4,079,095
PEAK POWDER RIVER RESOURCES LLC	90	2,245,380
BALLARD PETROLEUM HOLDINGS LLC	116	2,090,880
ANSCHUTZ OIL COMPANY LLC	33	1,745,718
ULTRA RESOURCES INC	2,266	1,670,526
HELIS OIL & GAS COMPANY LLC ESTATE	13	1,531,853
JONAH ENERGY LLC	2,407	1,480,110
SAMSON RESOURCES COMPANY	202	1,431,651
SOUTHLAND ROYALTY COMPANY LLC	978	1,240,815
AMPLIFY ENERGY OPERATING LLC	172	1,122,978
NORTHWOODS OPERATING LLC	87	1,034,153

2019 through current production reporting



## APDs Received by the WOGCC





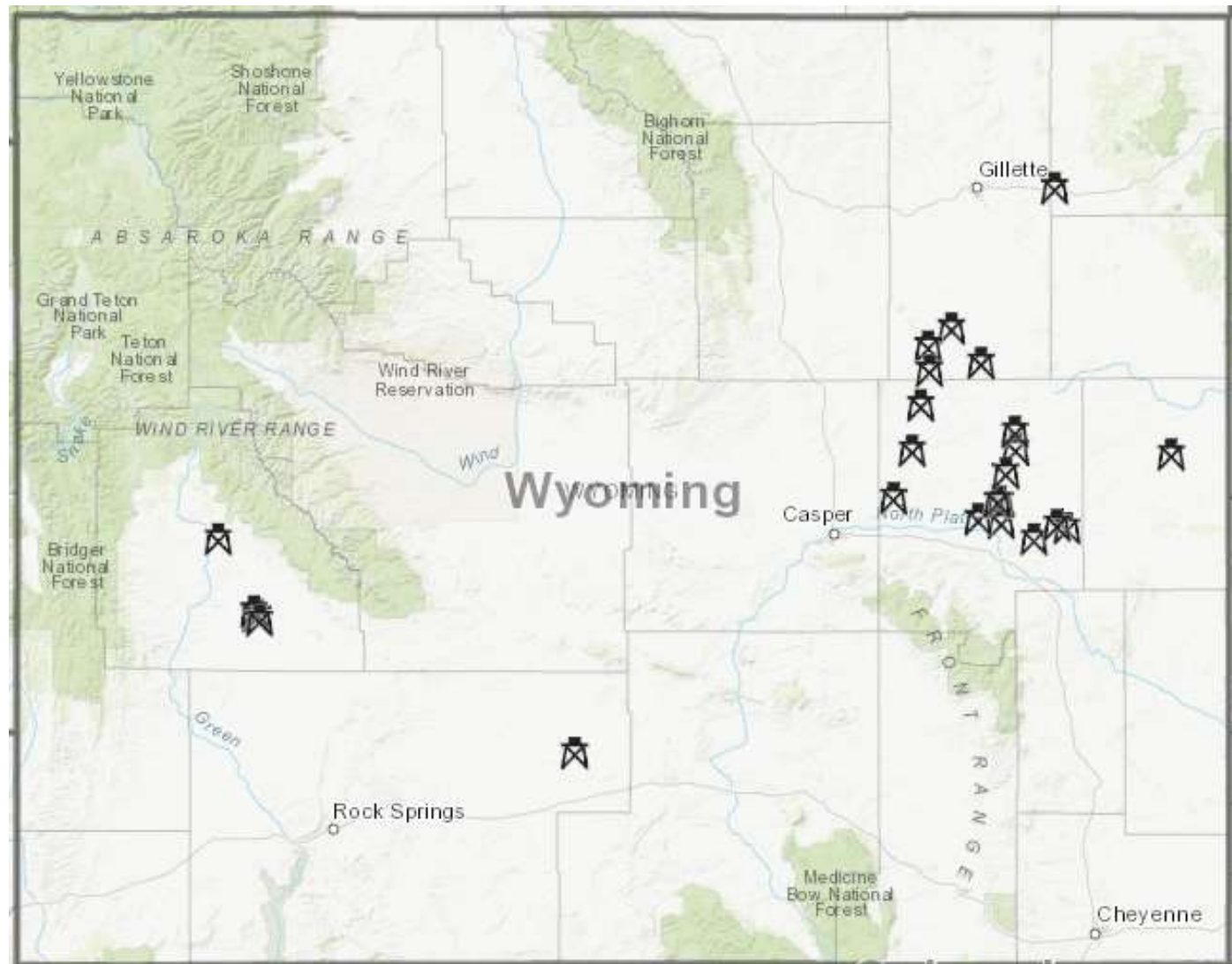


## APDs Received by the WOGCC

Top 20 Companies –  
Permits Received  
2019

Company	APDs
EOG RESOURCES INC	3179
ANADARKO E&P ONSHORE LLC	2223
ANSCHUTZ EXPLORATION CORPORATION	1686
WOLD ENERGY PARTNERS LLC	1494
ATX ENERGY PARTNERS LLC	1489
SAMSON RESOURCES COMPANY	1279
OSSIDIANA OPERATING LLC	1278
PINE HAVEN RESOURCES LLC	1253
SOUTHLAND ROYALTY COMPANY LLC	1136
DEVON ENERGY PRODUCTION COMPANY LP	1130
CENTURY OIL AND GAS LLC	912
BLACK OAK ENERGY LLC	880
ANSCHUTZ OIL COMPANY LLC	800
WAVE PETROLEUM OPERATING LLC	788
NORTHWOODS OPERATING LLC	771
NORTH SILO RESOURCES LLC	757
BALLARD PETROLEUM HOLDINGS LLC	682
HINDSIGHT OIL & GAS LLC	680
TITAN EXPLORATION LLC	639
PANTHER ENERGY COMPANY III LLC	621

## Rig Locations



\*from Enverus Drilling Info 12/3/19





## 2019 Proposed Legislation

HB 0036 – Reduce 300 % penalty on Force Pooling Statute

HB 0208 – WOGCC to determine the issue of negotiating in good faith (Split Estate)

HB 0209 – Determine fair market value for surface damages

HB 0224 – Split Estate Act to apply to lands outside of a DSU

HB 0261 – Increase APD filing fee to \$10,000





## 2019 Interim Minerals Committee

- Minerals Committee Interim Topics Priority #1 is “Oil and Gas Issues:”
  - Operatorship
  - Force Pooling
  - Split Estate
  - Examine industry management of produced water including disposal and reuse
  - WOGCC and WDEQ have proposed a statute modification that would allow WOGCC to regulate commercial Class II disposal wells
- Committee is sponsoring bills in the 2020 Session
  - Modification to 30-5-104 – would remove restriction from Commission’s authority for regulating commercial Class II wells
  - Changes to 30-5-109 – forced pooling - would reduce the risk penalty for an unleased owner and would require a royalty for the unleased owner



## 2020 Legislative Session

- Committee is sponsoring at least 2 oil and gas related bills in the 2020 Session
  - Modification to 30-5-104 – Commission’s authority to regulate – would remove restriction from Commission’s authority for regulating commercial Class II wells
  - Changes to 30-5-109 – forced pooling - would reduce the risk penalty for an unleased owner and would require a royalty for the unleased owner
- Other bills that may be introduced
  - Split estate
  - Tax payments/liens
    - Schedule for ad valorem payments
    - Transfer of mineral interests – tax obligations
    - Tax lien enforcement
  - ???



# Operatorship

Proposed Policy Memo Regarding Preliminary Matters (02/19/2019)

Well Location Move Requires Post APD Approval (02/09/2019)

Survey Plats Memo (12/19/2018)

Hearing Application Amendments & Exhibits (12/11/2018)

Protest Policy for Spacing Related Hearings (06/12/2018)

Application for Permit to Drill Processing Policy (03/13/2018)

Protest Policy for Applications for Permit to Drill (APD) (07/11/2017)

Memorandum for Extra copies submitted with Applications for Permits to Drill (11/06/2016)

Docket Order (10/12/2016)

Flaring Memo (04/25/2016)

Accepting APDs (03/15/2016)

Sage Grouse Core Protection Policy (09/18/2015)

Trade Secret Information and Requests (01/23/2015)

AA Letters Memo (10/16/2014)

HF with Diesel Fuel Policy Memo (06/11/2014)

Suspension on Verbal Approval To Drill a Well (04/28/2014)

Water Well Transfers Revised (01/21/2014)



## APD Rule

- Process
  - Rule proposed July 9
  - Public comment period July 25 – September 14
    - Received 228 pages of written comments
  - Response to comments complete, final rule proposed to Commission November 12
  - Final rule packet provided to Governor's Office and Legislature
- Implementation date ?



## APD Rule

- Ch 1, Sec 2 – defines spacing unit as land and pool.
- Ch 3, Sec 8(l) – only the Owner/Operator of a spud or completed well may file an APD in a DSU, or if no wells then oldest pending or approved APD
- Ch 3, Sec 8(m) – Owner/Operator (applicant) who is not allowed to file APD under 8(l) may file an application with the Commission requesting approval of an APD
  - Must file NOI to file within 15 days and full application as part of 8(m)(i) within 30 days of receipt of horizontal well application notice or of each 2 year anniversary of most recent spud in the DSU
  - Owner/operator who currently has the APD or spud/completed well has 30 days to file complete protest which includes same 8(m)(i) criteria
- Ch 3, Sec 8(m)(i) – requires minimum set of criteria to be in application, Commission will consider these and other relevant information to determine
- Ch 3, Sec 8(m)(ii) – staff will review APDs prior to hearing





## APD Rule

- Ch 3, Sec 8(m)(iv) – If all evidence considered by Commission is deemed equal, largest working interest will be the tiebreaker.
- Ch 3, Sec 8(m)(v) – If Commission denies an 8(m) application then the applicant's APDs are denied
  - If Commission approves 8(m) application related to initial APD application then protestant's APDs (or original filed APDs) are denied
  - If Commission approves 8(m) application related to an APD extension then protestant's APDs are denied and they have an exclusive right to refile the APD if the 8(m) applicant's APDs expire or are withdrawn

# Database Upgrade Status



## STATE-DRIVEN SOLUTIONS



### Core

RBDMS Core is the primary information storage system for agency oil, gas and UIC data. It provides reliable and time-tested storage for the data needed to make informed decisions. *RBDMS 3.0, a major upgrade to RBDMS Core will be web-enabled once complete and mobile friendly.*



### eForms

eForm allows for electronic permitting and reporting. It integrates seamlessly with RBDMS Core and other products, allowing agencies to collect accurate and timely information from the oil and gas industry.



### Data Explorer

Data Explorer provides an interactive mapping interface and robust data exploration options for both internal and public users to view and understand RBDMS data.



### Produced Water Tracker

Water Tracker manages field observations and water sampling data from oil and gas, mining, and other activities.



### WellFinder Application

WellFinder is a free, publicly-available mobile application (iOS & Android) that displays high-level information regarding nearby oil, gas, and injection wells.



### Seismic Monitoring Tool

The Seismic/UIC App queries extensive data from multiple databases about specific underground injection wells and earthquakes. Results are visualized on a map, allowing for quick regulatory agency analysis.



### WellBore Analysis

The Wellbore Diagram Tool is a visual add-on to RBDMS that generates cross-section diagrams of a well from stored data, showing well features and construction.



### Field Inspection (Coming Soon)

Currently in development, the new Field Inspection application is a web-enabled and mobile-friendly product that will allow agency field inspectors to make real-time critical decisions while they are performing a field inspection.



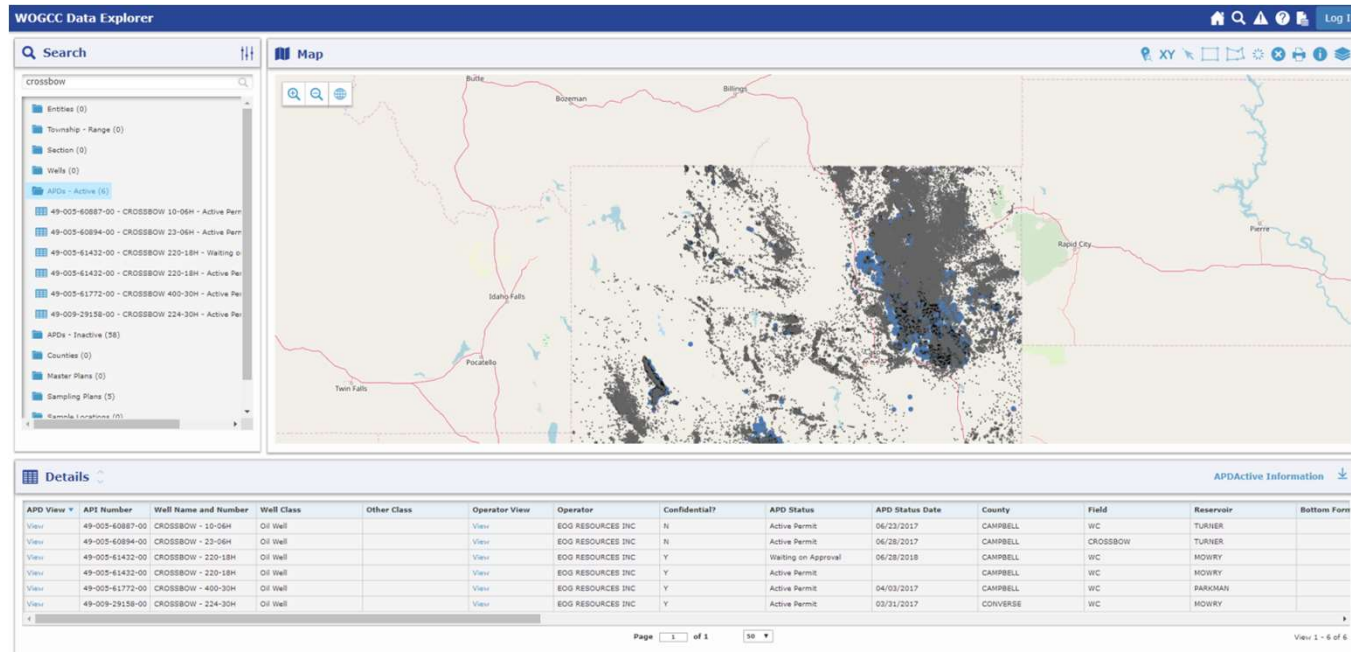
## RBDMS Update Status

- Phase 1 Complete –
  - Includes electronic submission of:
    - APDs
    - Spud notices
    - BOP test notices
    - Baseline GW monitoring plans
    - Baseline GW monitoring reports
- WYeForms went live in July 2018
- 45,547 APDs submitted in WYeForms since July 2018

The image shows the login interface for the Wyoming eForm system. The title "Wyoming eForm" is at the top. Below it are three input fields: "Login Name:", "Password:", and "Operator #:". To the right of the "Password:" field is a link "Forgot Password?". Below the "Operator #" field is the text "Industry users only.". A blue "Login" button is centered below the input fields. Below the button is a link "Need to add a user? Register User". At the bottom, the text "Service Version: 1.0.6.0 (@OGCCRBDMs)" is displayed. Below this is the RBDMS logo, which consists of a circular icon with a stylized oil derrick and the text "RBDMS" in large blue letters, with "Energy & Water Software | Data Solutions" in smaller text below it.



# RBDMS Update Status



- Phase 2 currently in development:
  - WYFI – WY Field Inspection – currently in use
  - WYDE – WY Data Explorer –
  - Rig Schedule – Testing production version, release in early January
  - UIC – phase released throughout next year



## Online Forms – Rig Schedule

- Production version live in January 2020

A screenshot of the Wyoming Online Forms Login page. The page has a light blue header with the Wyoming Oil & Gas Conservation Commission logo on the left. The main content area is white and contains a login form. The form has a title "Wyoming Online Forms Login" in orange. Below the title are two input fields: "Username \*" and "Password \*". Both fields are empty. Below the password field is an orange "Login" button. At the bottom of the page, there is a dark blue footer with the text "© 2019 - Wyoming Online Forms".



# Online Forms – Rig Schedule

Links

Hello tkropa, WOGCC

Home

Help

Online Forms Forms In Progress Forms Submitted

Advanced Filtering Search

Form Name ↑	Form Category	Purpose	Version	Count
Rig Schedule	Well	Rig Schedule	1	3

1

20 items per page

Viewing 1 - 1 from 1 results





# Online Forms – Rig Schedule

[Home](#) **Links**

Online Forms | Rig Schedule

Hello tkropa, WOGCC

[Help](#)

## Rig Schedule - ACTIVE OIL AND GAS COMPANY (5206)

Form ID: 6

Form Navigation

1. Form Information

2. Operator Information

3. EDD Submission

4. Rig Schedule

5. Form Submit

6. Confirmation

Operator Information

Please confirm the correct Organization has been selected, and designate contact(s) with their correct role. By default, the Organization's form submitter is selected as the contact.

Organization Name

ACTIVE OIL AND GAS COMPANY (5206)

Type of Organization

Corporation

Organization Primary Address

Organization Primary Phone Number

Ext

Contacts

Advanced Filtering

Actions

Name	Phone Number	Email	Role	Actions
tkropa		tom.kropatsch@wyo.gov	Submitter	

21



# eForm Modifications

## Wyoming eForm

New Application

Data Dictionaries

Reports

Operator	<input type="text"/>	Form Status	Approved ▼	Form Type	Form1_APD ▼	<button>Clear</button>
Form ID	<input type="text"/>	Last Modify Start Date	<input type="text"/>	Last Modify End Date	<input type="text"/>	<button>Find</button>
API Number / Plan Name	<input type="text"/>	Submitted Start Date	<input type="text"/>	Submitted End Date	<input type="text"/>	
Mineral Ownership	<input type="text"/>	Reservoir	<input type="text"/>			
Well Name and Number	<input type="text"/>	Pad Const/Spud Start Date	<input type="text"/>	Pad Const/Spud End Date	<input type="text"/>	
Renewed	No ▼	APD Expire Start Date	<input type="text"/>	APD Expire End Date	<input type="text"/>	
SHL Sec	<input type="text"/>	SHL Twp	<input type="text"/>	SHL Rge	<input type="text"/>	
BHL Sec	<input type="text"/>	BHL Twp	<input type="text"/>	BHL Rge	<input type="text"/>	
TP Sec	<input type="text"/>	TP Twp	<input type="text"/>	TP Rge	<input type="text"/>	

+	Delete	Form ID	Status	Type	Last Modif	Operator	Submitted	API Number /	Well Name	Pad Cons	Mineral Ow	Reservoir	SHL Sec	SHL Twp	SHL Rge	BHL Sec	BHL Twp	BHL Rge	TP Sec	TP Twp	TP Rge	Max Due	Exp Dat	Due In	Print	Edit	Renew	Change Status	Downl	Uploa
+		51954	APPROVED	Form1_APD	8/22/2019	INDIAN CREEK	8/12/2019	49-011-23406	BB 10		FEE	BUTLER	35	50N	65W	35	50N	65W	35	50N	65W		8/22/202			<a href="#">View</a>		<input type="text"/>		
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+		50814	APPROVED	Form1_APD	8/8/2019	BTA OIL PROC	8/6/2019	49-005-64732	ANVIL 2120		FEE	MINNELUSA	1	57N	72W	1	57N	72W	1	57N	72W					<a href="#">View</a>		<input type="text"/>		
+		50501	APPROVED	Form1_APD	11/1/2019	SOUTHLAND	7/29/2019	49-007-24669	HIGH POINT	10/29/20	FEE	MESAVERDE	1	19N	92W	1	19N	92W	1	19N	92W		11/1/202			<a href="#">View</a>		<input type="text"/>		
+		49872	APPROVED	Form1_APD	8/12/2019	CHESAPEAKE	7/19/2019	49-009-40077	SFU 21-34-		MM w FED	TURNER	21	34N	72W	27	34N	72W	21	34N	72W		8/12/202			<a href="#">View</a>		<input type="text"/>		
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+		49835	APPROVED	Form1_APD	8/6/2019	JONAH ENERG	7/22/2019	49-035-31104	Stud Horse		FED	LANCE	10	29N	108W	9	29N	108W	9	29N	108W		8/6/2021			<a href="#">View</a>		<input type="text"/>		

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## RBDMS Update Status

- Phase 3
  - Development begins late 2020
    - Hearing applications
    - Remaining forms (completion, sundry, change owner/operator, bonding, production reports, etc)
    - Further development of WYDE to incorporate data sharing of new electronic forms



## Orphan Well Activities

- Continue to accelerate plugging of orphan wells
  - 9 projects in 2019
    - Total of 681 wells were in 2019 orphan project
      - 516 of those wells have been P&A'd or converted to water wells
      - 165 remain in two of the 9 projects

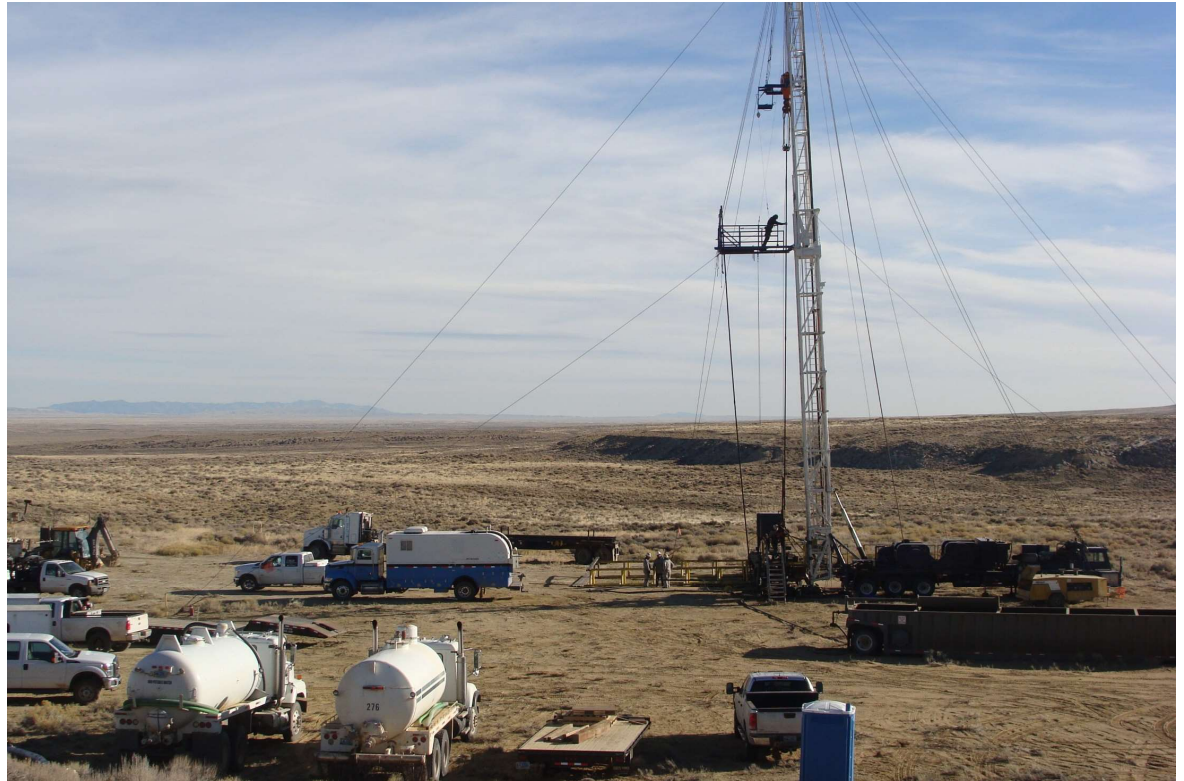






## Orphan Well Activities

- BLM partnership to facilitate federal orphan well plugging
  - Grant from BLM
  - WOGCC bids/contracts/pays plugging contractor
  - BLM grant reimburses WOGCC



## Orphan Well Activities

- Current Activities
  - Mostly shut down on current projects due to site conditions
  - Working on package and bid preparation for 2020 projects







# Questions

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