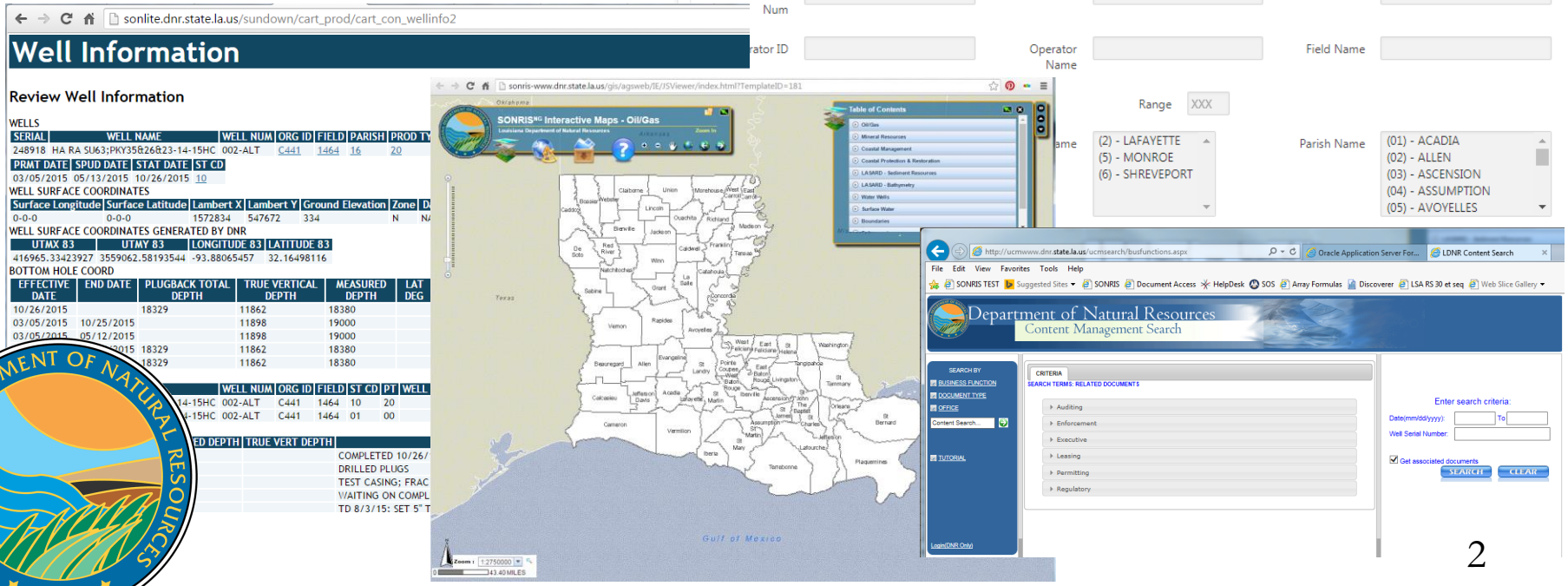
Louisiana Office of Conservation

Maneuvering in SONRIS

What is SONRIS?

- Strategic Online Natural Resources Information System
- Oil and gas well data and information in the form of:
  - IDR
  - Lite
  - Document Access
  - GIS

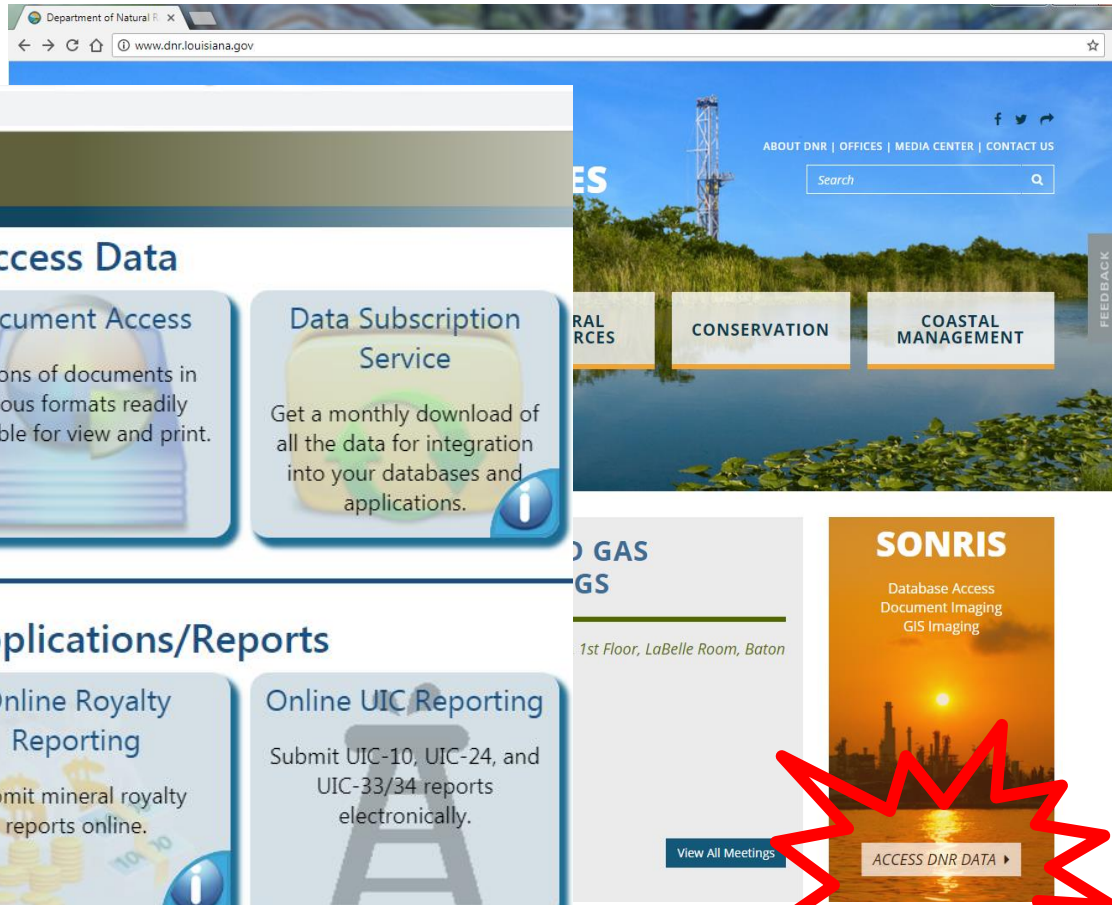


Where are SONRIS Applications?

- www.dnr.louisiana.gov, then select SONRIS button

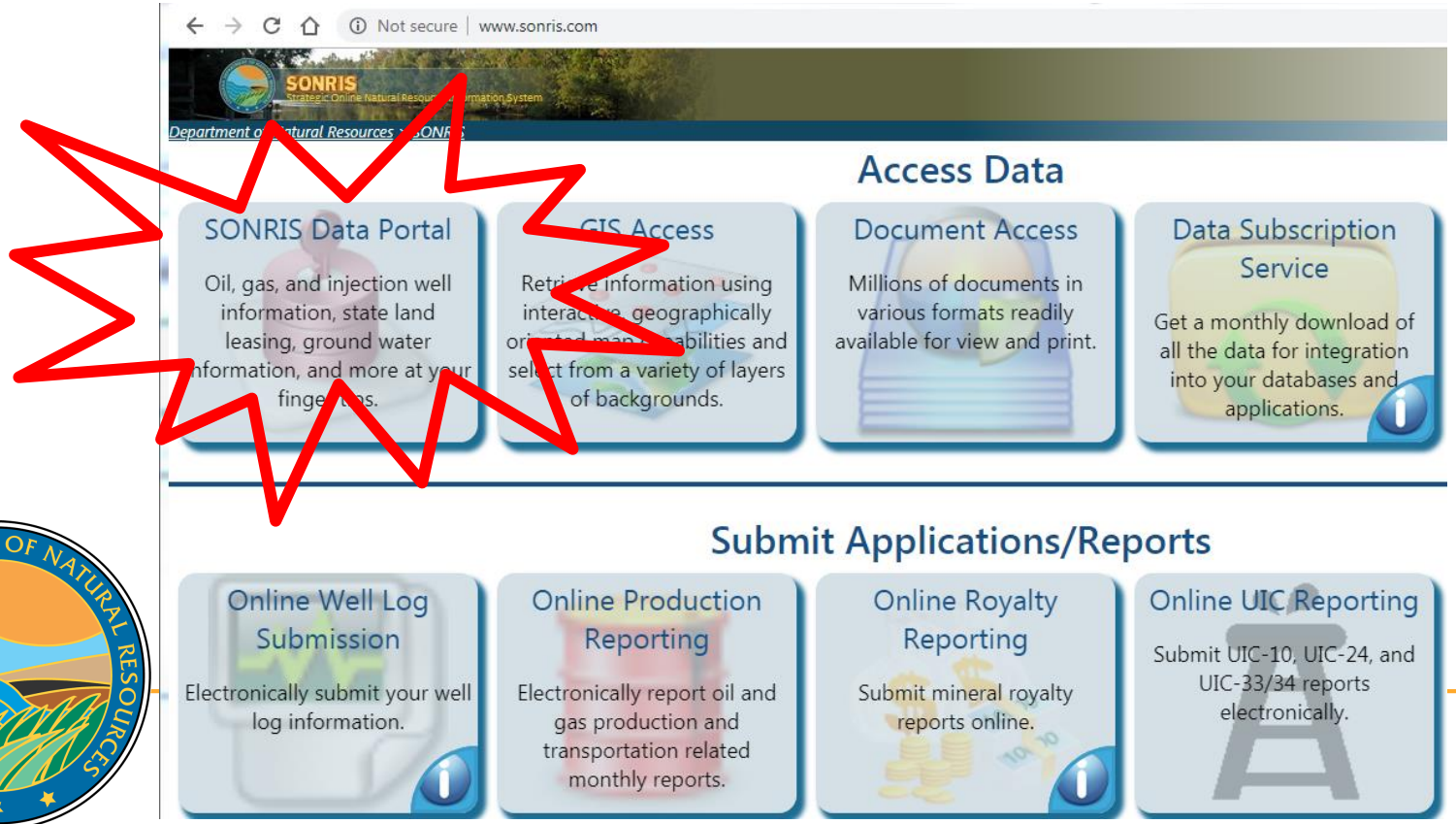
OR

- www.SONRIS.com

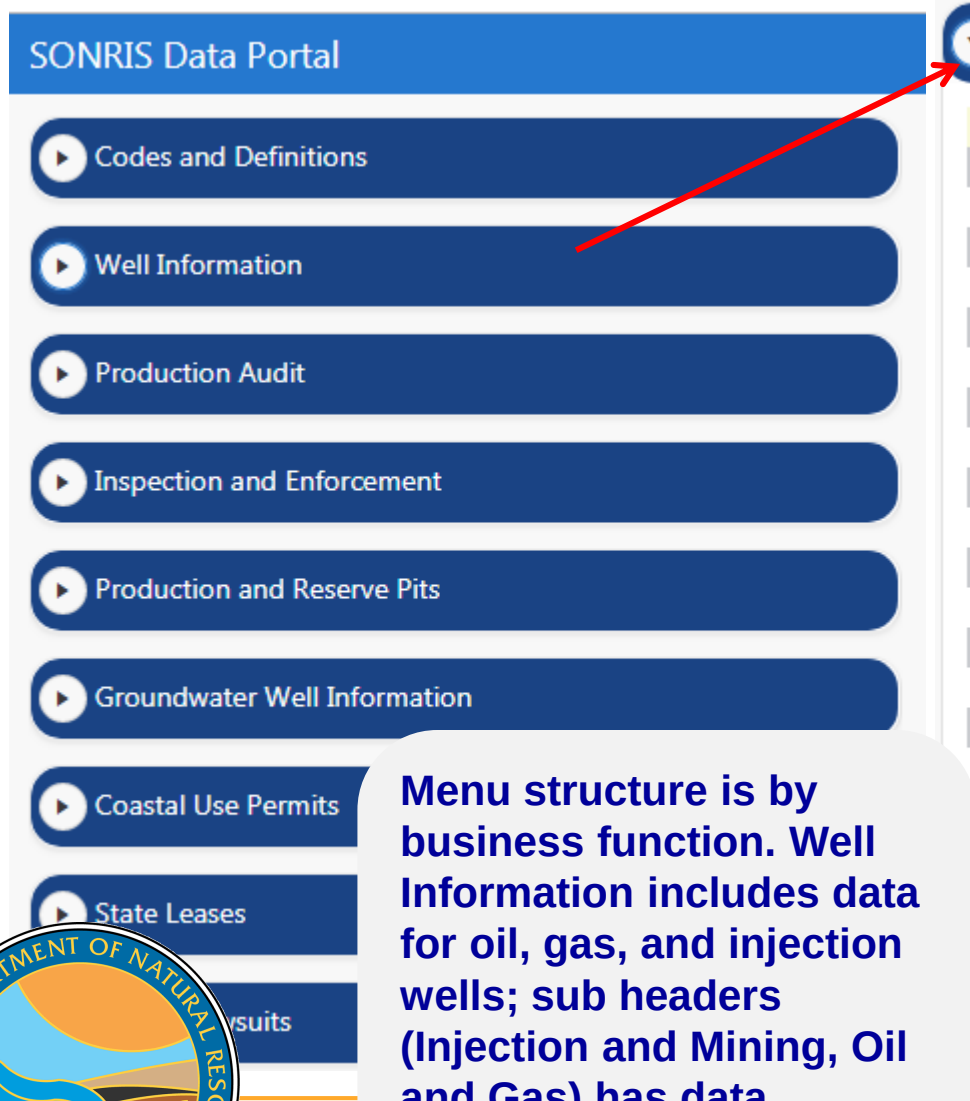


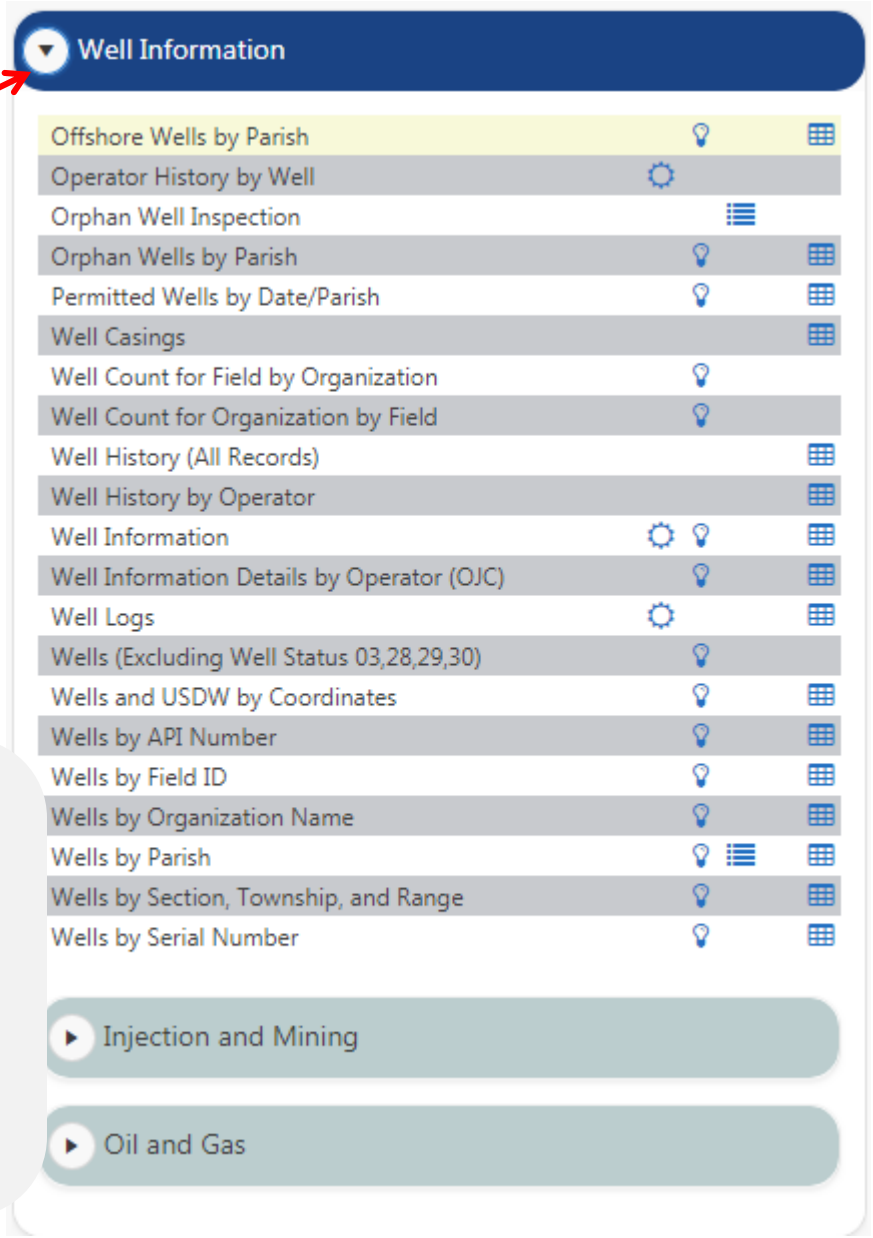
SONRIS - IDR

- Allows queries without using any plug-ins; only native web browser functionality
- Live- once keyed into database, available in IDR
- Expanded search capabilities; live data



SONRIS – New Menu



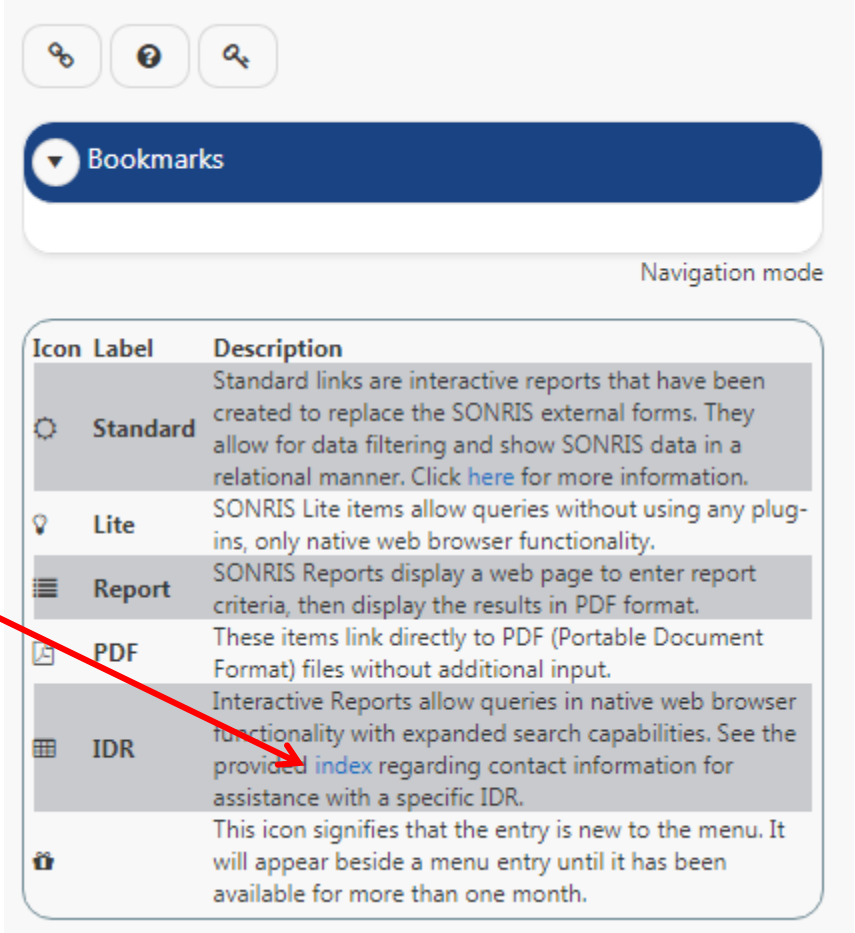


Menu structure is by business function. Well Information includes data for oil, gas, and injection wells; sub headers (Injection and Mining, Oil and Gas) has data specific to those wells.

SONRIS – New Menu

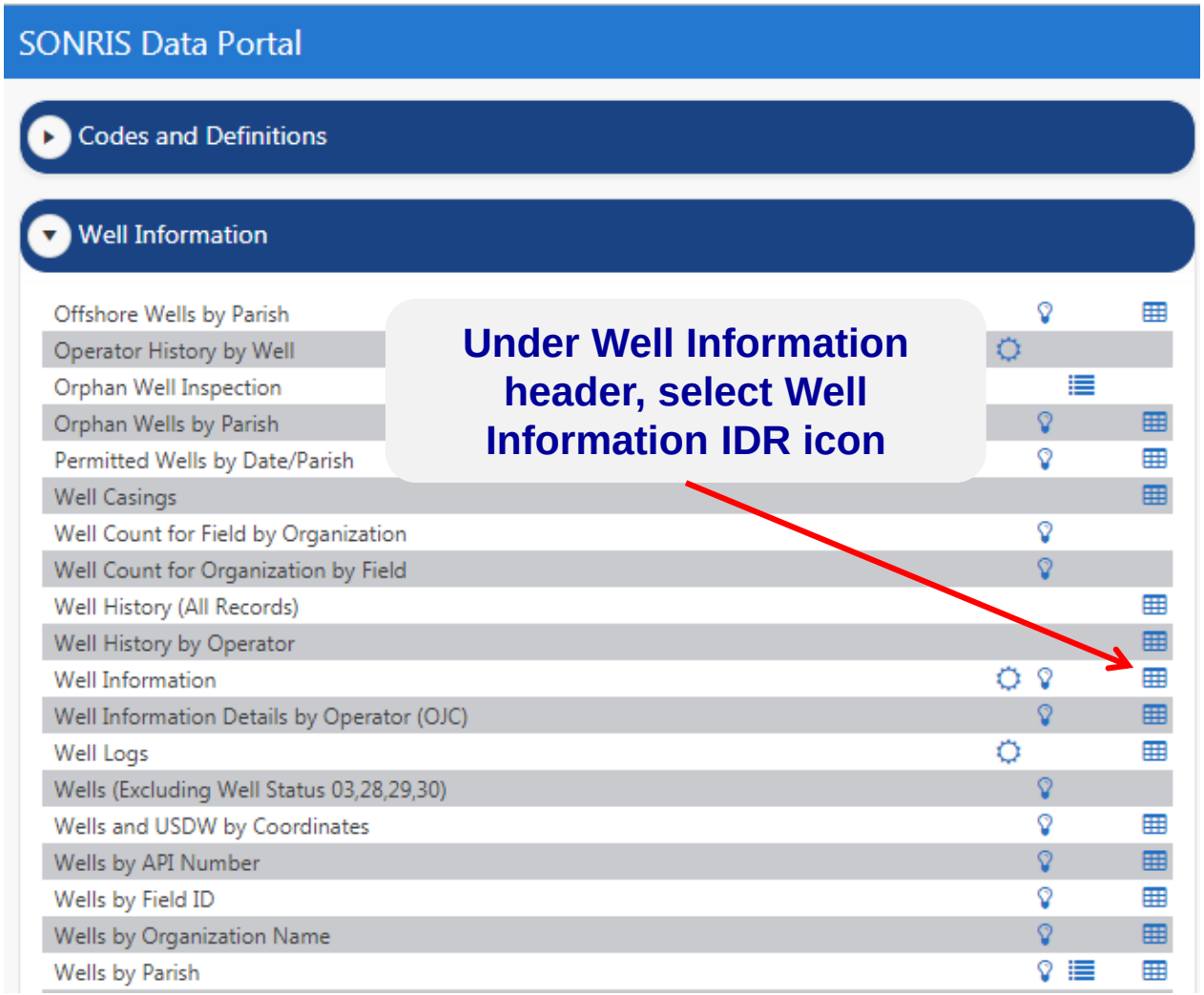
- The hyperlink icon turns on Bookmark mode

Menu has been consolidated! Click this link to access the reference/guide/index by topic.

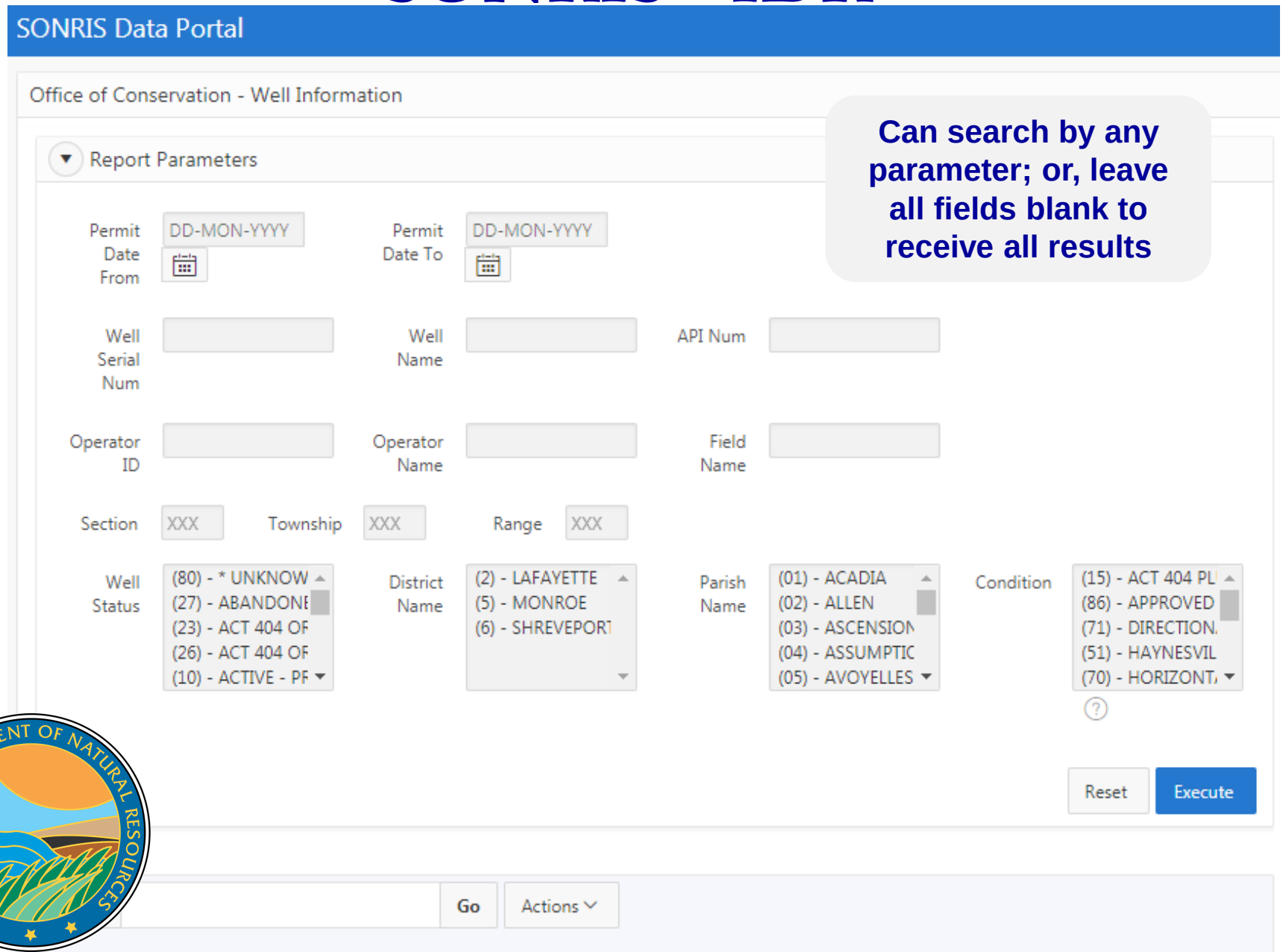


SONRIS - IDR

- Works well in any browser



SONRIS - IDR



Can search by any parameter; or, leave all fields blank to receive all results

SONRIS - IDR

SONRIS Data Portal

Office of Conservation - Well Information

Report Parameters

Parish(es): ACADIA

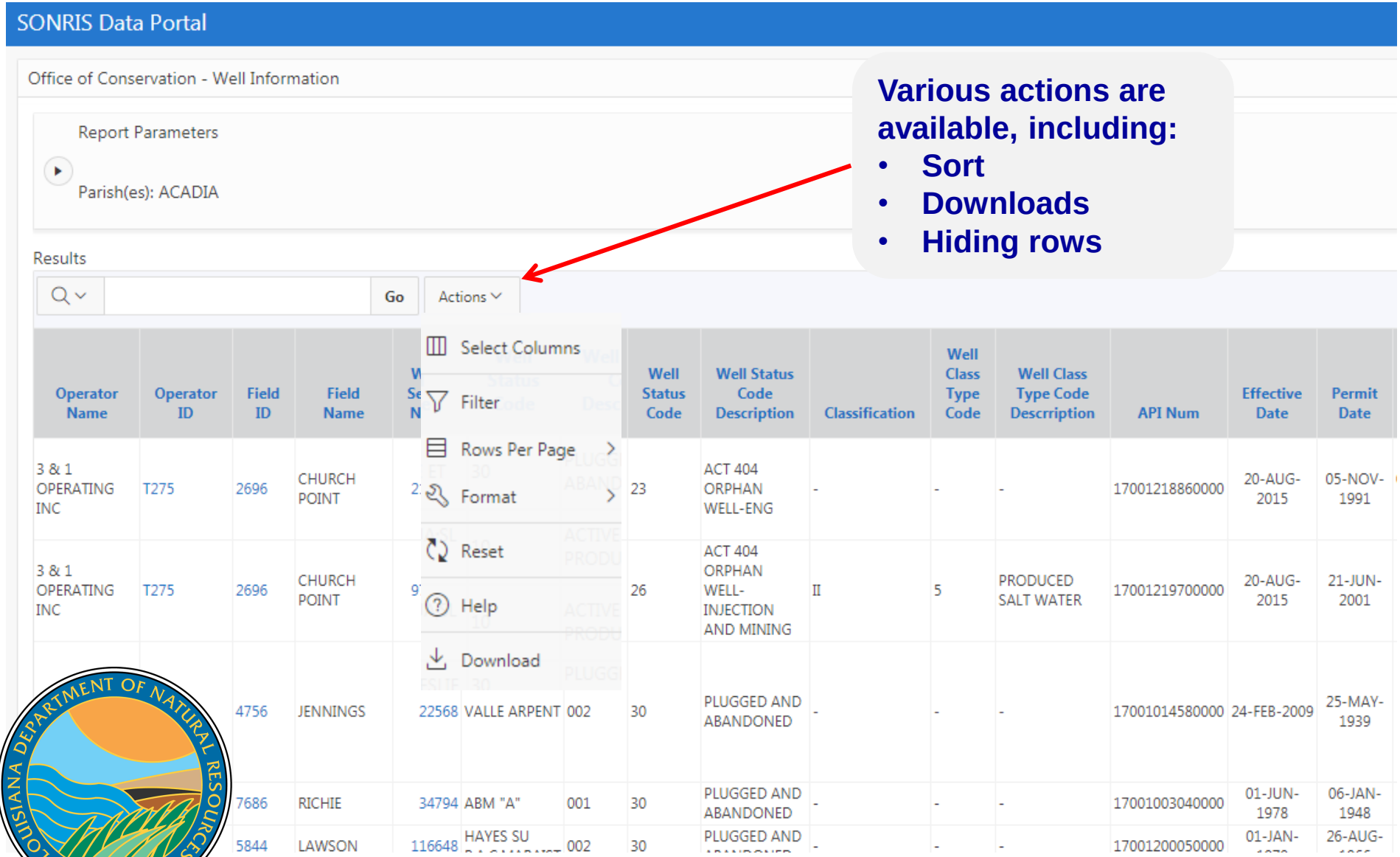
Results can be filtered via this icon

Results

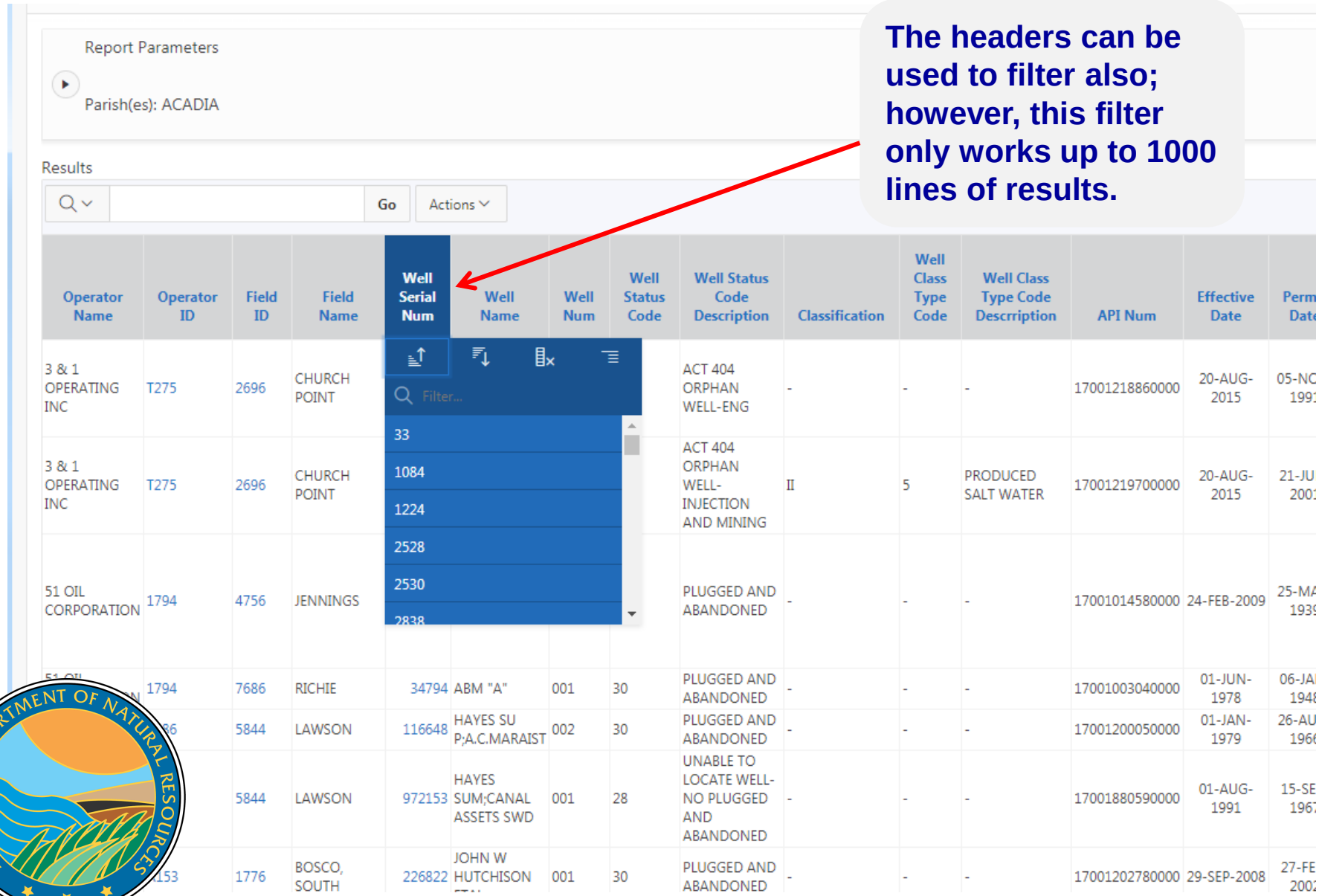
Go | Actions

Operator Name	Operator ID	Field ID	Field Name	Well Serial Num	Well Name	Well Num	Well Status Code	Well Status Code Description	Classification	Well Class Type Code	Well Class Type Code Description	API Num	Effective Date	Permit Date
3 & 1 OPERATING INC	T275	2696	CHURCH POINT	214037	NS 2 SUB;SHIRLEY CARRIER	001	23	ACT 404 ORPHAN WELL-ENG	-	-	-	17001218860000	20-AUG-2015	05-NOV-1991
3 & 1 OPERATING INC	T275	2696	CHURCH POINT	973074	THIBODEAUX SWD	001	26	ACT 404 ORPHAN WELL-INJECTION AND MINING	II	5	PRODUCED SALT WATER	17001219700000	20-AUG-2015	21-JUN-2001
		4756	JENNINGS	22568	VALLE ARPENT	002	30	PLUGGED AND ABANDONED	-	-	-	17001014580000	24-FEB-2009	25-MAY-1939
		7686	RICHIE	34794	ABM "A"	001	30	PLUGGED AND ABANDONED	-	-	-	17001003040000	01-JUN-1978	06-JAN-1948
		5844	LAWSON	116648	HAYES SU	002	30	PLUGGED AND	-	-	-	17001200050000	01-JAN-	26-AUG-

SONRIS - IDR

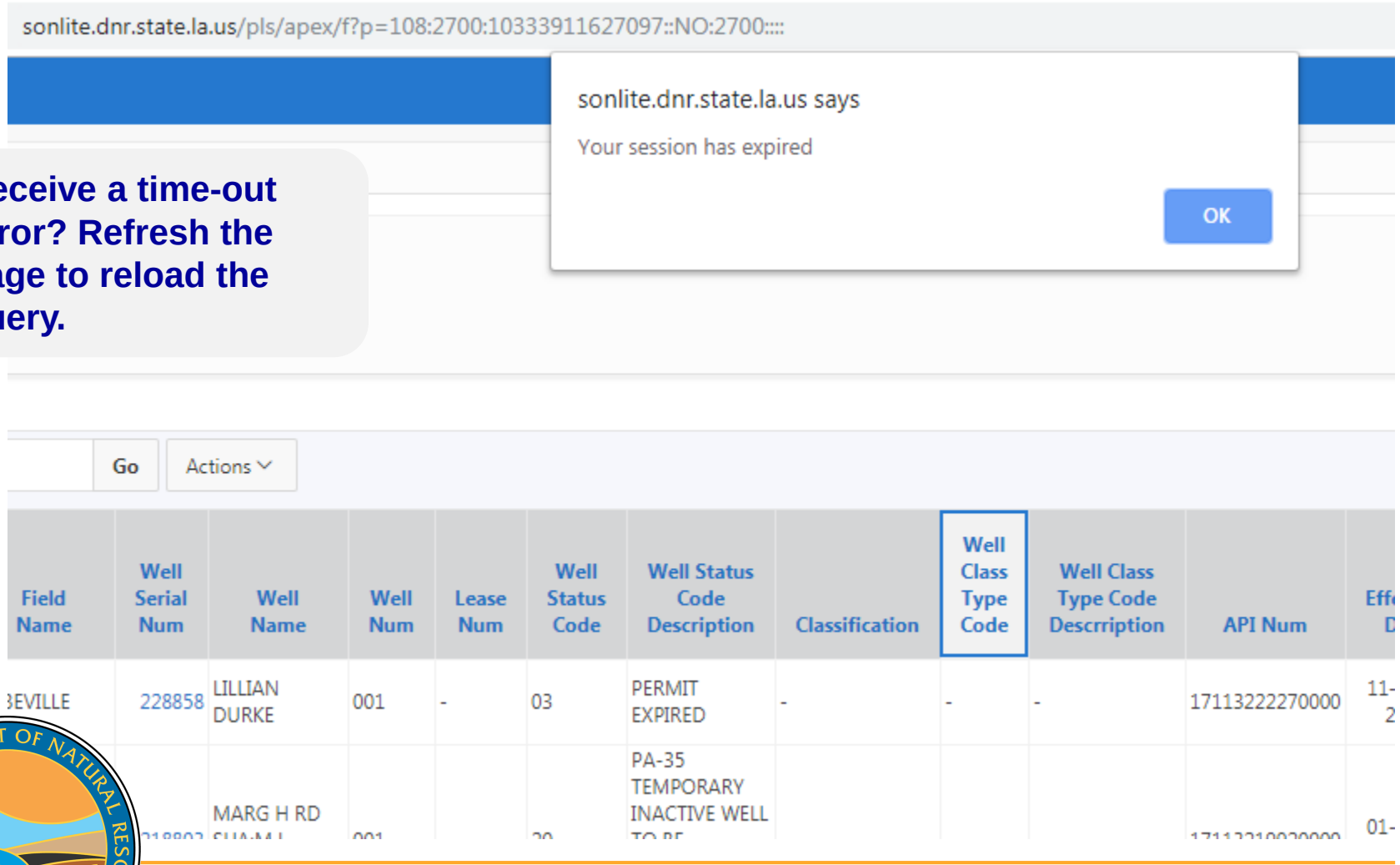

SONRIS Data Portal
Office of Conservation - Well Information
Report Parameters
Parish(es): ACADIA
Various actions are available, including:
• Sort
• Downloads
• Hiding rows
Results
Go
Actions
Select Columns
Filter
Rows Per Page
Format
Reset
Help
Download
Operator Name
Operator ID
Field ID
Field Name
Well Status Code
Well Status Code Description
Classification
Well Class Type Code
Well Class Type Code Description
API Num
Effective Date
Permit Date
3 & 1 OPERATING INC T275 2696 CHURCH POINT 23 ACT 404 ORPHAN WELL-ENG - - - 17001218860000 20-AUG-2015 05-NOV-1991
3 & 1 OPERATING INC T275 2696 CHURCH POINT 26 ACT 404 ORPHAN WELL-INJECTION AND MINING II 5 PRODUCED SALT WATER 17001219700000 20-AUG-2015 21-JUN-2001
4756 JENNINGS 22568 VALLE ARPENT 002 30 PLUGGED AND ABANDONED - - - 17001014580000 24-FEB-2009 25-MAY-1939
7686 RICHIE 34794 ABM "A" 001 30 PLUGGED AND ABANDONED - - - 17001003040000 01-JUN-1978 06-JAN-1948
5844 LAWSON 116648 002 30 - - - 17001200050000 01-JAN- 26-AUG-

SONRIS - IDR



The headers can be used to filter also; however, this filter only works up to 1000 lines of results.

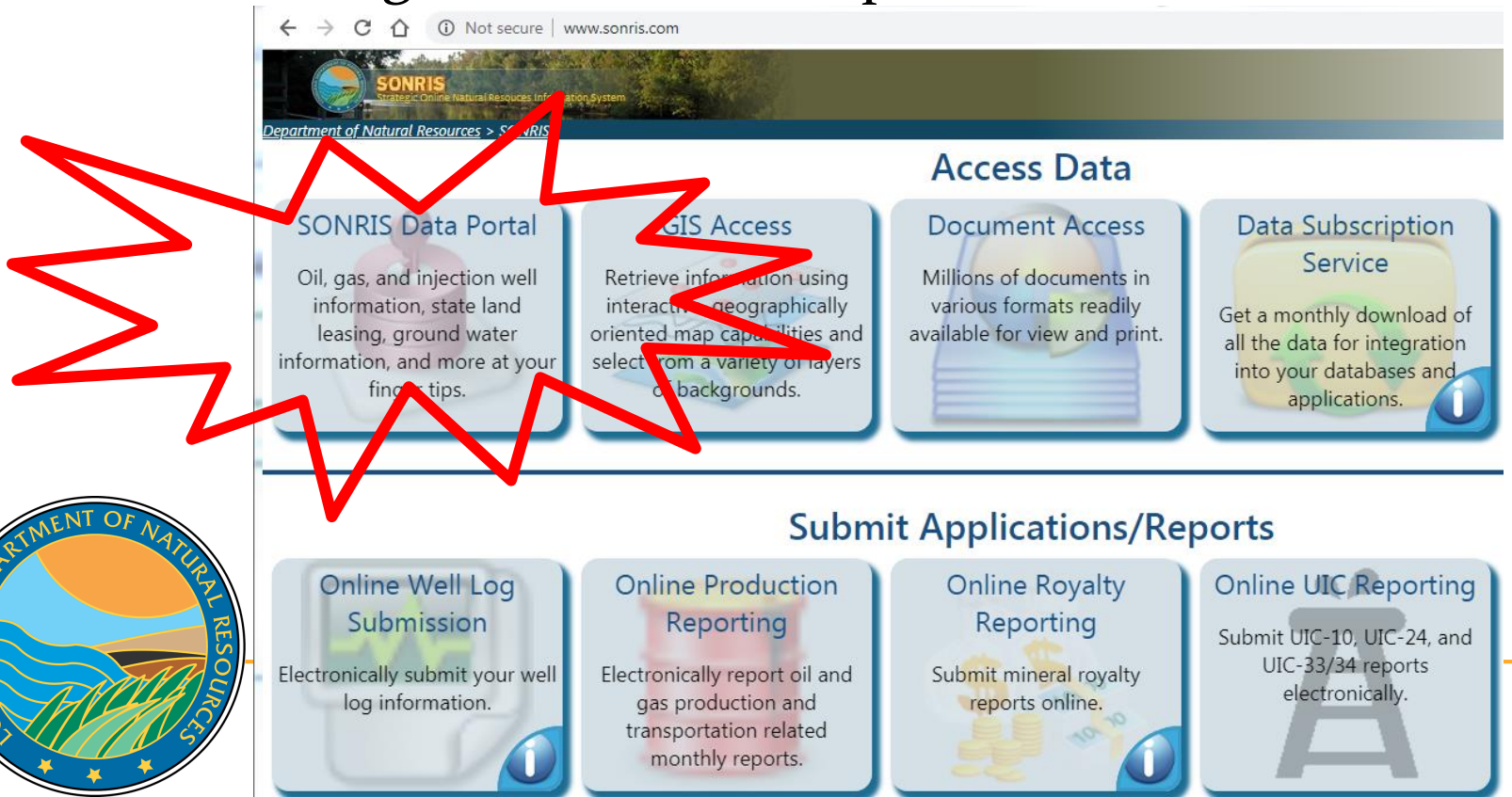
SONRIS - IDR



Receive a time-out error? Refresh the page to reload the query.

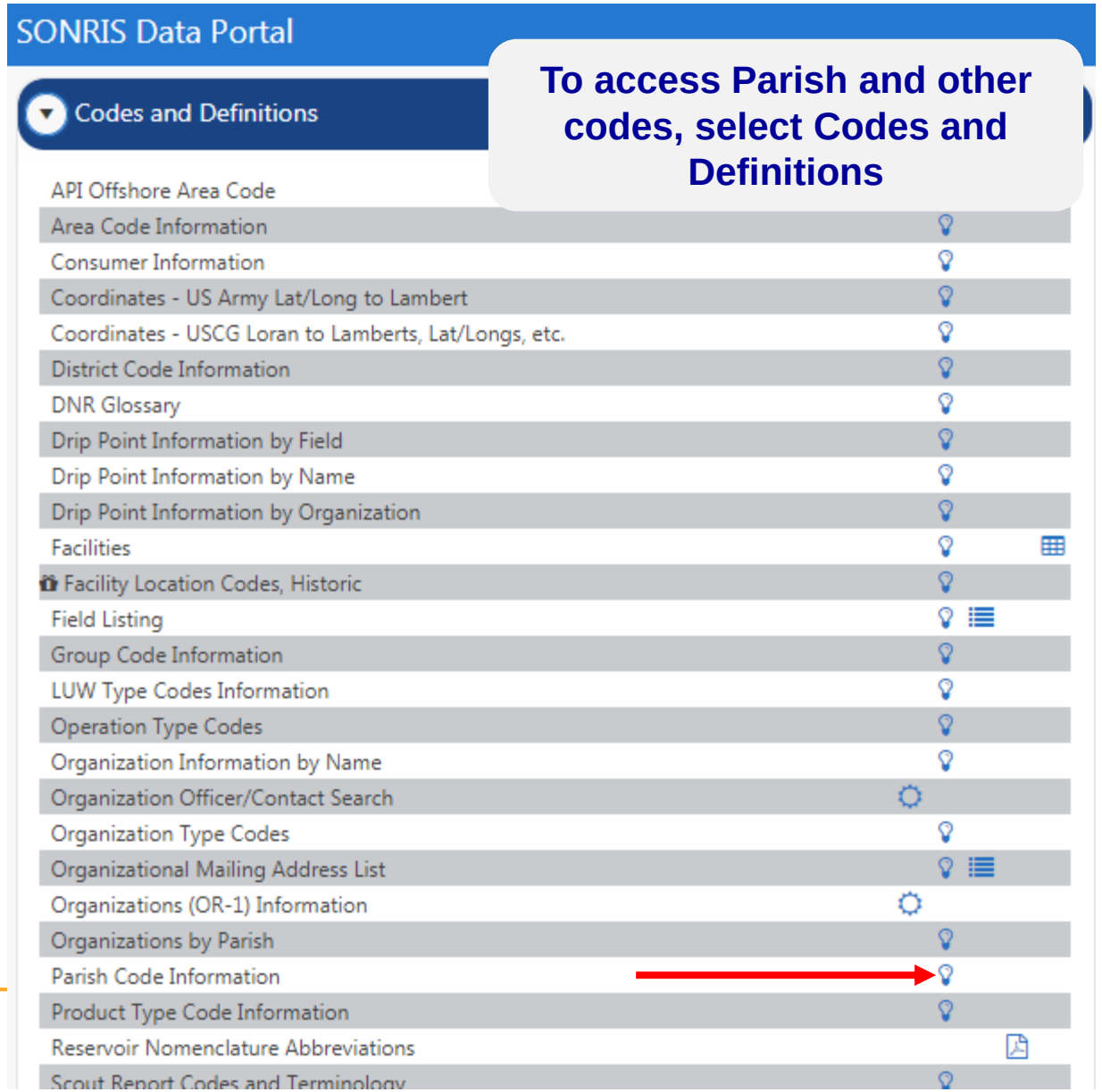
SONRIS - Lite

- Allows queries without using any plug-ins; only native web browser functionality
- Live- once keyed into database, available in Lite
- Access data from database to copy and analyze
- Lite is a great resource IF specific information at hand



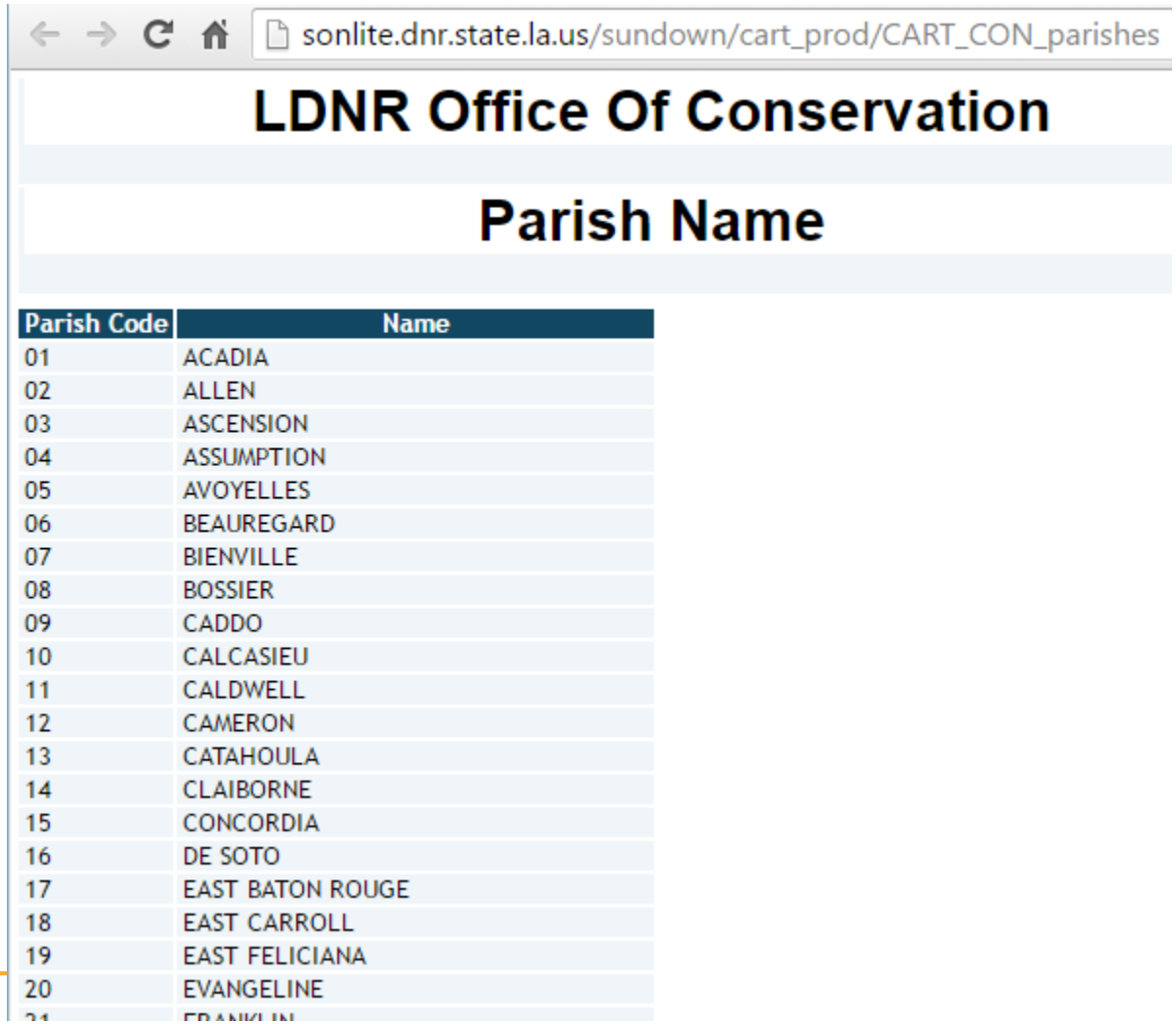
SONRIS - Lite

- Works well in any browser



SONRIS - Lite

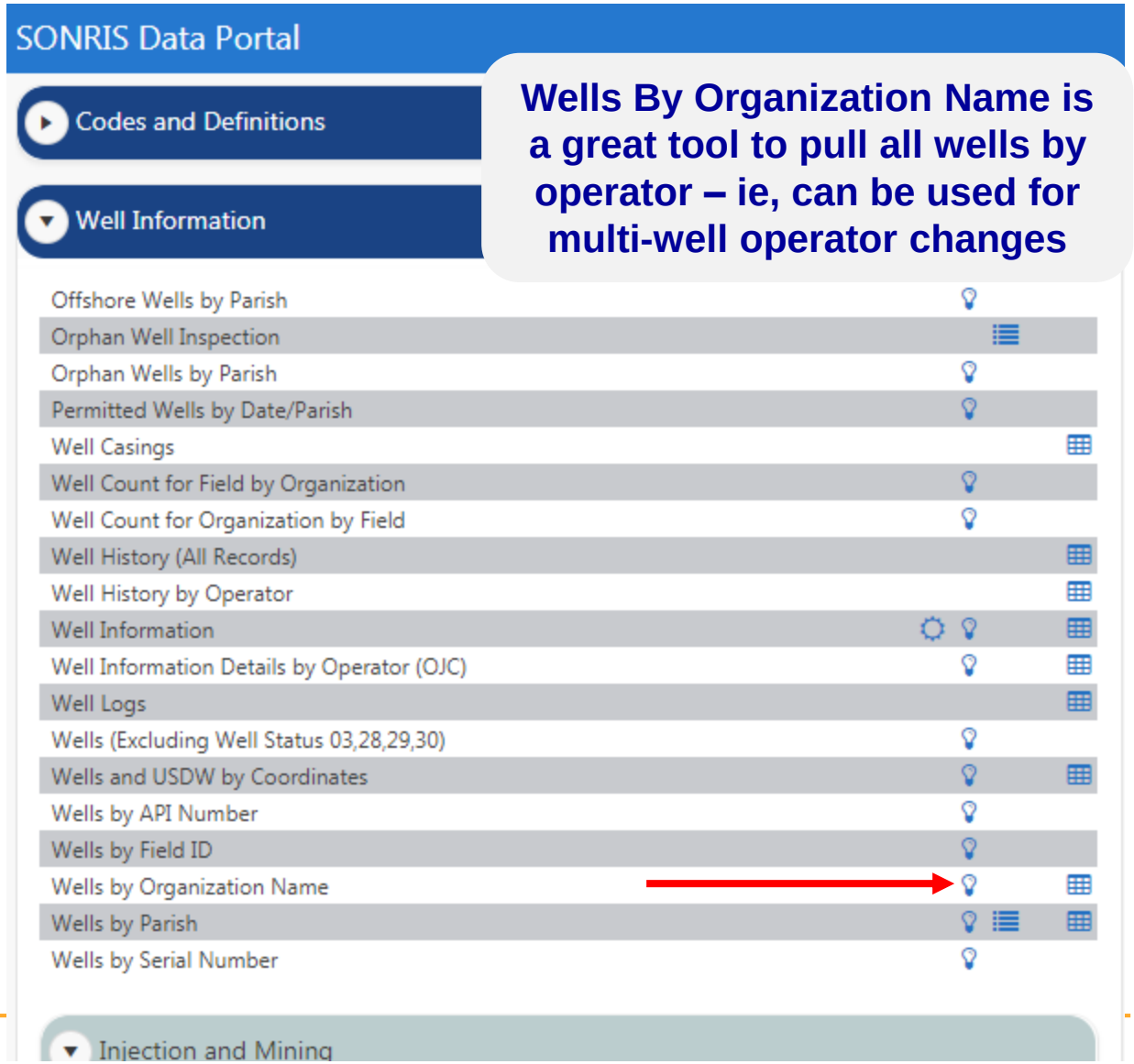
- Results will populate in new window
- This data can be used in other applications



Parish Code	Name
01	ACADIA
02	ALLEN
03	ASCENSION
04	ASSUMPTION
05	AVOYELLES
06	BEAUREGARD
07	BIENVILLE
08	BOSSIER
09	CADDO
10	CALCASIEU
11	CALDWELL
12	CAMERON
13	CATAHOULA
14	CLAIBORNE
15	CONCORDIA
16	DE SOTO
17	EAST BATON ROUGE
18	EAST CARROLL
19	EAST FELICIANA
20	EVANGELINE

SONRIS - Lite

- Multiple Lite options

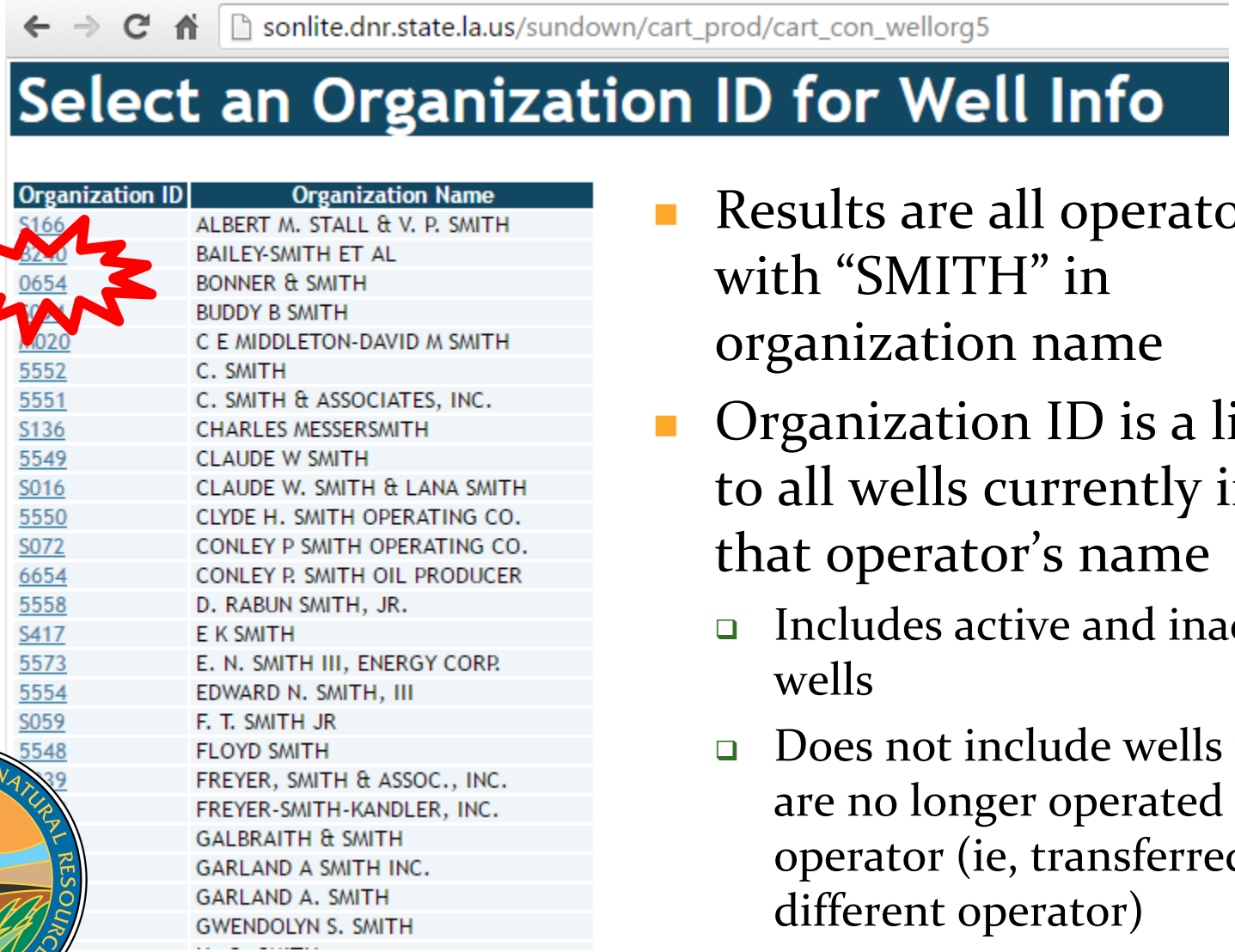


Wells By Organization Name is a great tool to pull all wells by operator – ie, can be used for multi-well operator changes

SONRIS - Lite

Key in a portion of operator name

SONRIS - Lite

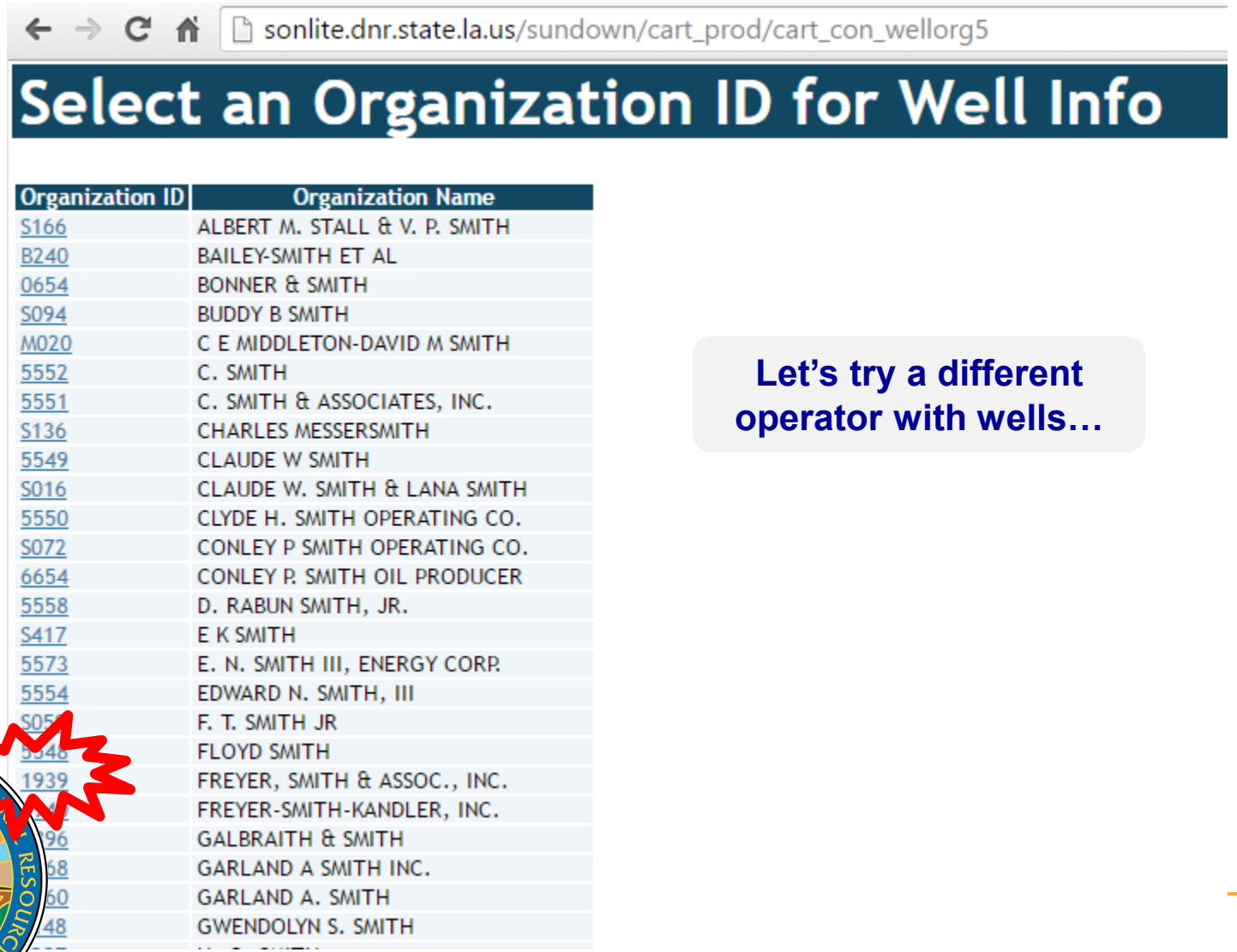


- Results are all operators with “SMITH” in organization name
- Organization ID is a link to all wells currently in that operator’s name
  - Includes active and inactive wells
  - Does not include wells that are no longer operated by operator (ie, transferred to different operator)

SONRIS - Lite

- Yields no results, which indicates this operator is not currently operating wells. Either:
  - Operator never operated wells, or
  - All wells have been transferred to a different operator prior to being plugged

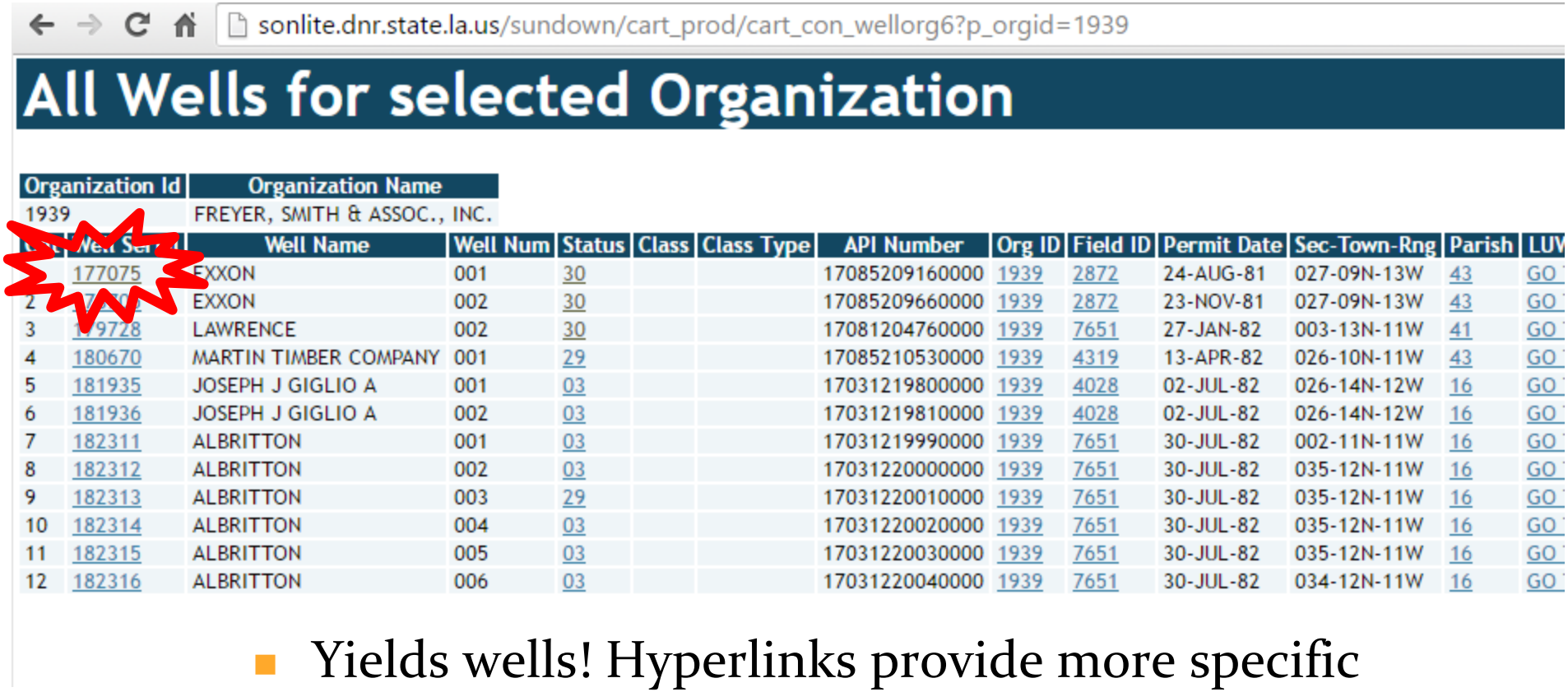
SONRIS - Lite



Organization ID	Organization Name
S166	ALBERT M. STALL & V. P. SMITH
B240	BAILEY-SMITH ET AL
0654	BONNER & SMITH
S094	BUDDY B SMITH
M020	C E MIDDLETON-DAVID M SMITH
5552	C. SMITH
5551	C. SMITH & ASSOCIATES, INC.
S136	CHARLES MESSERSMITH
5549	CLAUDE W SMITH
S016	CLAUDE W. SMITH & LANA SMITH
5550	CLYDE H. SMITH OPERATING CO.
S072	CONLEY P SMITH OPERATING CO.
6654	CONLEY P. SMITH OIL PRODUCER
5558	D. RABUN SMITH, JR.
S417	E K SMITH
5573	E. N. SMITH III, ENERGY CORP.
5554	EDWARD N. SMITH, III
S05	F. T. SMITH JR
5548	FLOYD SMITH
1939	FREYER, SMITH & ASSOC., INC.
	FREYER-SMITH-KANDLER, INC.
96	GALBRAITH & SMITH
68	GARLAND A SMITH INC.
60	GARLAND A. SMITH
48	GWENDOLYN S. SMITH

Let's try a different operator with wells…

SONRIS - Lite



All Wells for selected Organization

Organization Id	Organization Name
1939	FREYER, SMITH & ASSOC., INC.

	Well Serial	Well Name	Well Num	Status	Class	Class Type	API Number	Org ID	Field ID	Permit Date	Sec-Town-Rng	Parish	LUW
1	177075	EXXON	001	30			17085209160000	1939	2872	24-AUG-81	027-09N-13W	43	GO
2	[illegible]	EXXON	002	30			17085209660000	1939	2872	23-NOV-81	027-09N-13W	43	GO
3	179728	LAWRENCE	002	30			17081204760000	1939	7651	27-JAN-82	003-13N-11W	41	GO
4	180670	MARTIN TIMBER COMPANY	001	29			17085210530000	1939	4319	13-APR-82	026-10N-11W	43	GO
5	181935	JOSEPH J GIGLIO A	001	03			17031219800000	1939	4028	02-JUL-82	026-14N-12W	16	GO
6	181936	JOSEPH J GIGLIO A	002	03			17031219810000	1939	4028	02-JUL-82	026-14N-12W	16	GO
7	182311	ALBRITTON	001	03			17031219990000	1939	7651	30-JUL-82	002-11N-11W	16	GO
8	182312	ALBRITTON	002	03			17031220000000	1939	7651	30-JUL-82	035-12N-11W	16	GO
9	182313	ALBRITTON	003	29			17031220010000	1939	7651	30-JUL-82	035-12N-11W	16	GO
10	182314	ALBRITTON	004	03			17031220020000	1939	7651	30-JUL-82	035-12N-11W	16	GO
11	182315	ALBRITTON	005	03			17031220030000	1939	7651	30-JUL-82	035-12N-11W	16	GO
12	182316	ALBRITTON	006	03			17031220040000	1939	7651	30-JUL-82	034-12N-11W	16	GO

- Yields wells! Hyperlinks provide more specific information on the well or other criteria selected (ie, Field Code, Operator Code, etc.)

SONRIS - Lite

Not secure | sonlite.dnr.state.la.us/sundown/cart_prod/cart_con_wellinfo2?p_wsn=177075

Well Information

Review Well Information

WELLS

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	PARISH	PROD TYPE	SEC	TWN	RGE	EFFECTIVE DATE	API NUM
177075	EXXON	001	1939	2872	43	10	027	09N	13W	08/01/1982	17085209160000

PRMT DATE	SPUD DATE	STAT DATE	ST CD
08/24/1981	09/09/1981	08/17/1982	30

WELL SURFACE COORDINATES

Surface Longitude	Surface Latitude	Lambert X	Lambert Y	Ground Elevation	Zone	Datum
0-0-0	0-0-0	1631111	389416	248.9	N	NAD-2

WELL SURFACE COORDINATES GENERATED BY DNR

UTMX 83	UTMY 83	LONGITUDE 83	LATITUDE 83	
434945.31904411	3510919.81941848	-93.68674287	31.73186331	View GIS

BOTTOM HOLE COORD

EFFECTIVE DATE	END DATE	PLUGBACK TOTAL DEPTH	TRUE VERTICAL DEPTH	MEASURED DEPTH	LAT DEG	LAT MIN	LAT SEC
08/01/1982			0	2158			

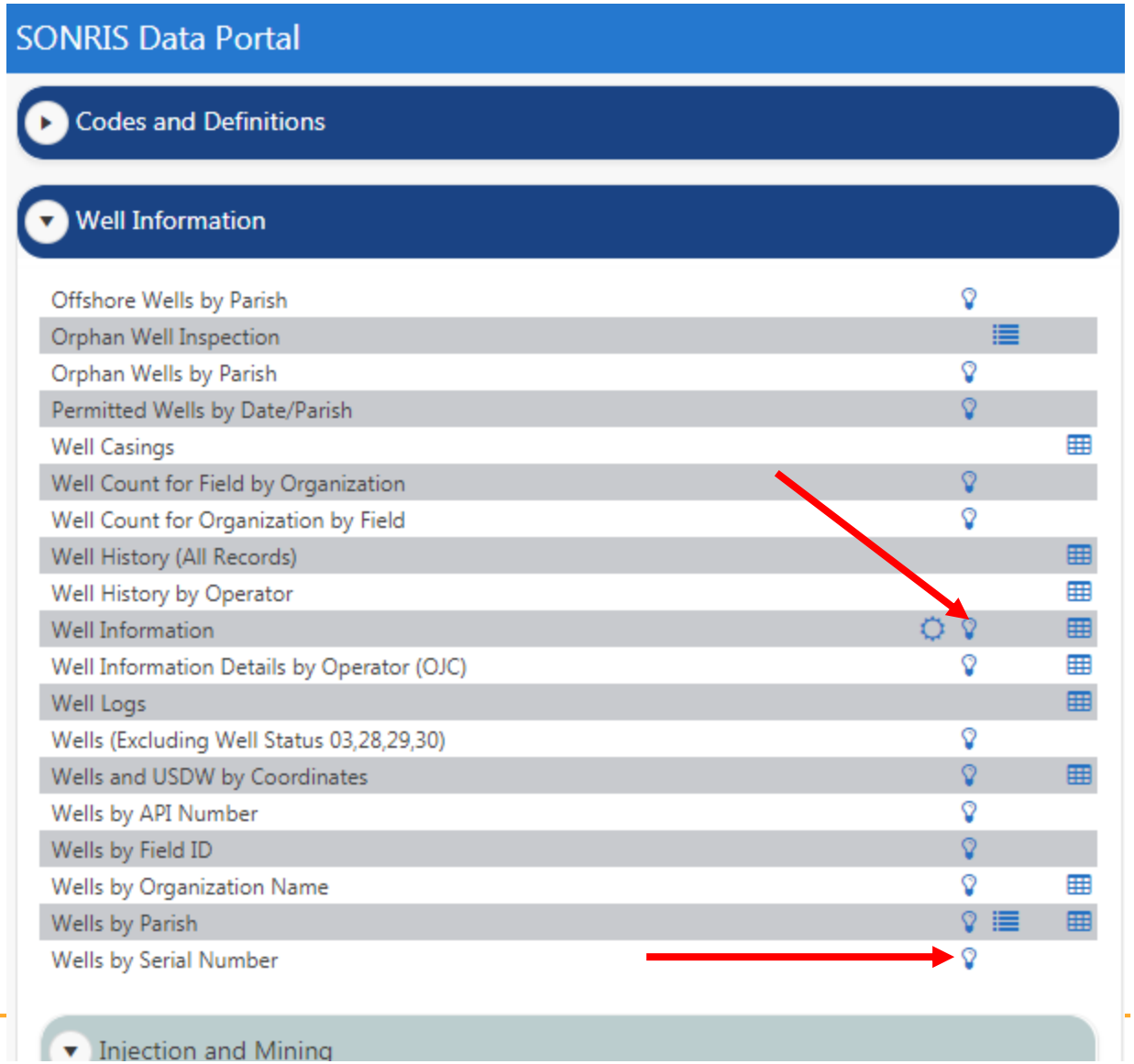
WELL HISTORY

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	ST CD	PT	WELL CLASS	EFF DATE	END DATE	STAT DATE
177075	EXXON	001	1939	2872	30	10		08/01/1982		08/17/1982
177075	EXXON	001	1939	2872	30	10		07/01/1982	08/01/1982	08/17/1982
177075	EXXON	001	1939	2872	10	10		06/01/1982	06/01/1982	08/17/1982
177075	EXXON	001	1939	2872	10	10		06/01/1982	07/01/1982	08/17/1982
177075	EXXON	001	1939	2872	10	10		09/01/1981	06/01/1982	08/17/1982
177075	EXXON	001	9999	2872	32	00		08/01/1981	09/01/1981	08/17/1982

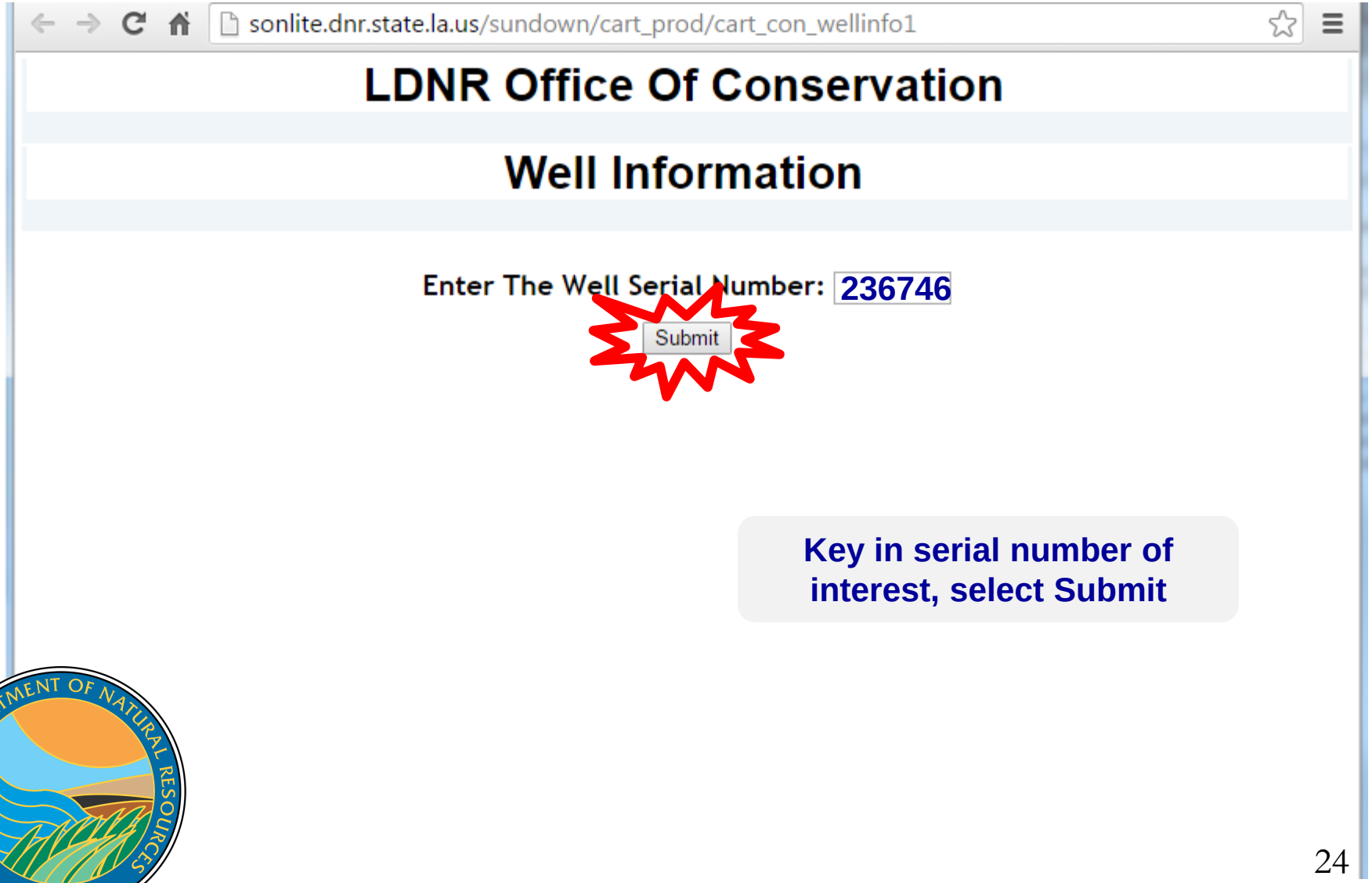
Older well that was active for less than a year. Let's pull another well!

SONRIS - Lite

If the Serial Number is known, select the Lite hyperlink in the line of Wells By Serial Number

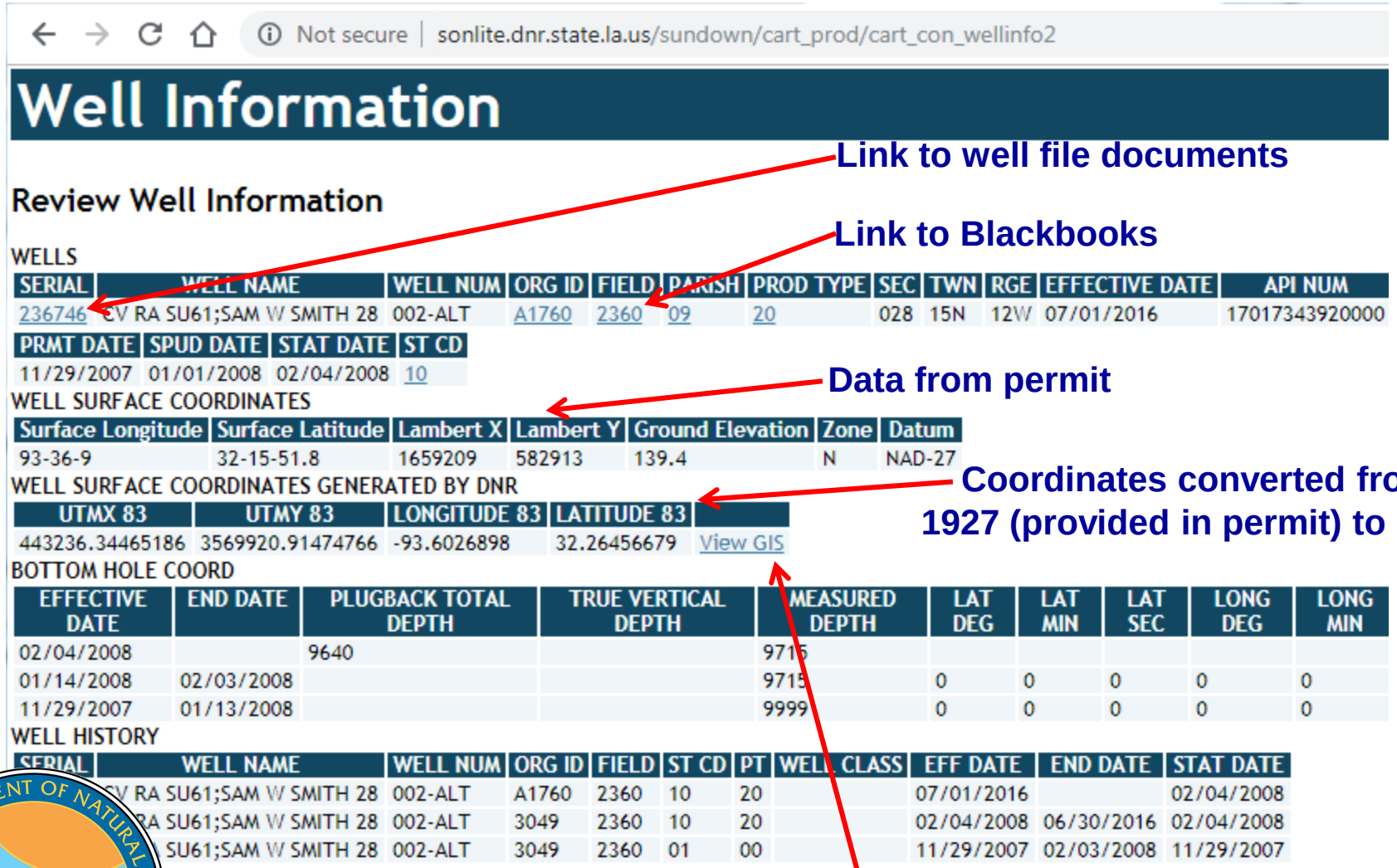


SONRIS - Lite

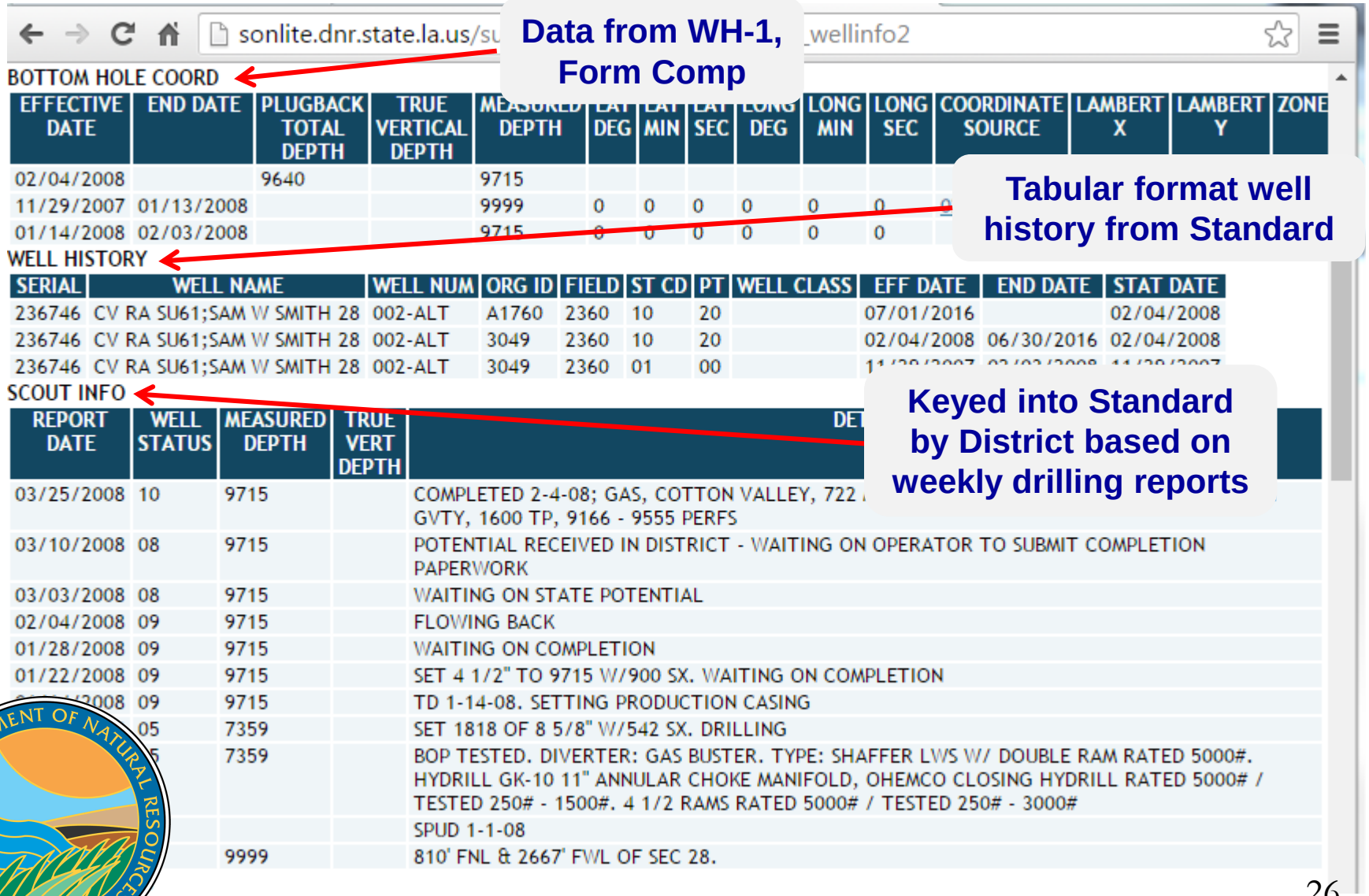


Key in serial number of interest, select Submit

SONRIS - Lite


Not secure | sonlite.dnr.state.la.us/sundown/cart_prod/cart_con_wellinfo2
Well Information
Review Well Information
WELLS
SERIAL | WELL NAME | WELL NUM | ORG ID | FIELD | PARISH | PROD TYPE | SEC | TWN | RGE | EFFECTIVE DATE | API NUM
236746 | CV RA SU61;SAM W SMITH 28 | 002-ALT | A1760 | 2360 | 09 | 20 | 028 | 15N | 12W | 07/01/2016 | 17017343920000
PRMT DATE | SPUD DATE | STAT DATE | ST CD
11/29/2007 | 01/01/2008 | 02/04/2008 | 10
WELL SURFACE COORDINATES
Surface Longitude | Surface Latitude | Lambert X | Lambert Y | Ground Elevation | Zone | Datum
93-36-9 | 32-15-51.8 | 1659209 | 582913 | 139.4 | N | NAD-27
WELL SURFACE COORDINATES GENERATED BY DNR
UTMX 83 | UTMY 83 | LONGITUDE 83 | LATITUDE 83
443236.34465186 | 3569920.91474766 | -93.6026898 | 32.26456679 | View GIS
BOTTOM HOLE COORD
EFFECTIVE DATE | END DATE | PLUGBACK TOTAL DEPTH | TRUE VERTICAL DEPTH | MEASURED DEPTH | LAT DEG | LAT MIN | LAT SEC | LONG DEG | LONG MIN
02/04/2008 | | 9640 | | 9715 | | | | | |
01/14/2008 | 02/03/2008 | | | 9715 | 0 | 0 | 0 | 0 | 0
11/29/2007 | 01/13/2008 | | | 9999 | 0 | 0 | 0 | 0 | 0
WELL HISTORY
SERIAL | WELL NAME | WELL NUM | ORG ID | FIELD | ST CD | PT | WELL CLASS | EFF DATE | END DATE | STAT DATE
CV RA SU61;SAM W SMITH 28 | 002-ALT | A1760 | 2360 | 10 | 20 | | 07/01/2016 | | 02/04/2008
RA SU61;SAM W SMITH 28 | 002-ALT | 3049 | 2360 | 10 | 20 | | 02/04/2008 | 06/30/2016 | 02/04/2008
SU61;SAM W SMITH 28 | 002-ALT | 3049 | 2360 | 01 | 00 | | 11/29/2007 | 02/03/2008 | 11/29/2007
Link to well file documents
Link to Blackbooks
Data from permit
Coordinates converted from 1927 (provided in permit) to 1983
Fly to location in GIS!

SONRIS - Lite



BOTTOM HOLE COORD

EFFECTIVE DATE	END DATE	PLUGBACK TOTAL DEPTH	TRUE VERTICAL DEPTH	MEASURED DEPTH	LAT DEG	LAT MIN	LAT SEC	LONG DEG	LONG MIN	LONG SEC	COORDINATE SOURCE	LAMBERT X	LAMBERT Y	ZONE
02/04/2008		9640		9715										
11/29/2007	01/13/2008			9999	0	0	0	0	0	0	0			
01/14/2008	02/03/2008			9715	0	0	0	0	0	0				

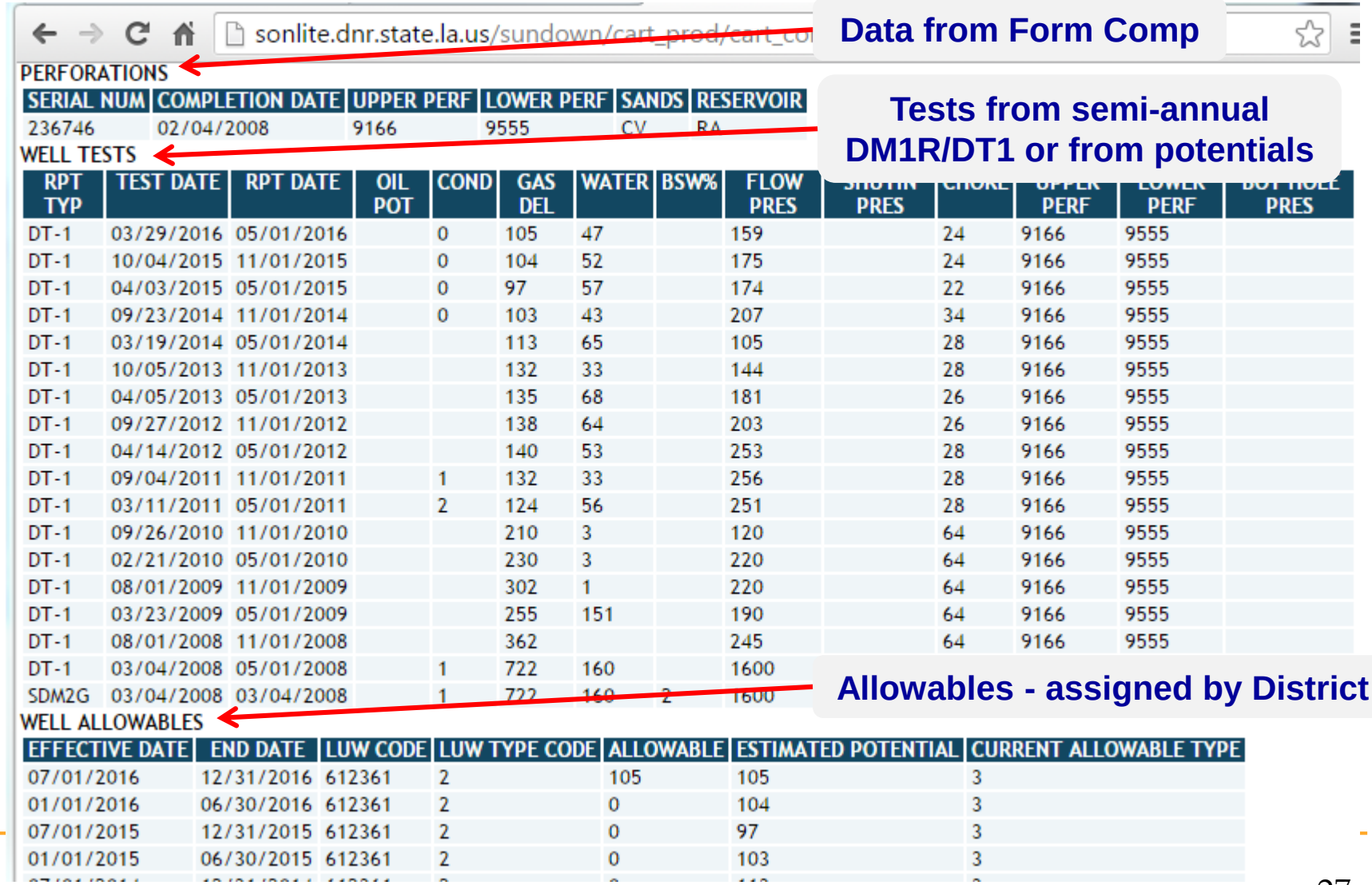
WELL HISTORY

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	ST CD	PT	WELL CLASS	EFF DATE	END DATE	STAT DATE
236746	CV RA SU61;SAM W SMITH 28	002-ALT	A1760	2360	10	20		07/01/2016		02/04/2008
236746	CV RA SU61;SAM W SMITH 28	002-ALT	3049	2360	10	20		02/04/2008	06/30/2016	02/04/2008
236746	CV RA SU61;SAM W SMITH 28	002-ALT	3049	2360	01	00		11/29/2007	02/03/2008	11/29/2007

SCOUT INFO

REPORT DATE	WELL STATUS	MEASURED DEPTH	TRUE VERT DEPTH	DET
03/25/2008	10	9715		COMPLETED 2-4-08; GAS, COTTON VALLEY, 722 GVTY, 1600 TP, 9166 - 9555 PERFS
03/10/2008	08	9715		POTENTIAL RECEIVED IN DISTRICT - WAITING ON OPERATOR TO SUBMIT COMPLETION PAPERWORK
03/03/2008	08	9715		WAITING ON STATE POTENTIAL
02/04/2008	09	9715		FLOWING BACK
01/28/2008	09	9715		WAITING ON COMPLETION
01/22/2008	09	9715		SET 4 1/2" TO 9715 W/900 SX. WAITING ON COMPLETION
2008	09	9715		TD 1-14-08. SETTING PRODUCTION CASING
	05	7359		SET 1818 OF 8 5/8" W/542 SX. DRILLING
		7359		BOP TESTED. DIVERTER: GAS BUSTER. TYPE: SHAFFER LWS W/ DOUBLE RAM RATED 5000#. HYDRILL GK-10 11" ANNULAR CHOKE MANIFOLD, OHEMCO CLOSING HYDRILL RATED 5000# / TESTED 250# - 1500#. 4 1/2 RAMS RATED 5000# / TESTED 250# - 3000#
				SPUD 1-1-08
		9999		810' FNL & 2667' FWL OF SEC 28.

SONRIS - Lite



sonlite.dnr.state.la.us/sundown/cart_prod/cart_co

Data from Form Comp

PERFORATIONS

SERIAL NUM	COMPLETION DATE	UPPER PERF	LOWER PERF	SANDS	RESERVOIR
236746	02/04/2008	9166	9555	CV	RA

Tests from semi-annual DM1R/DT1 or from potentials

WELL TESTS

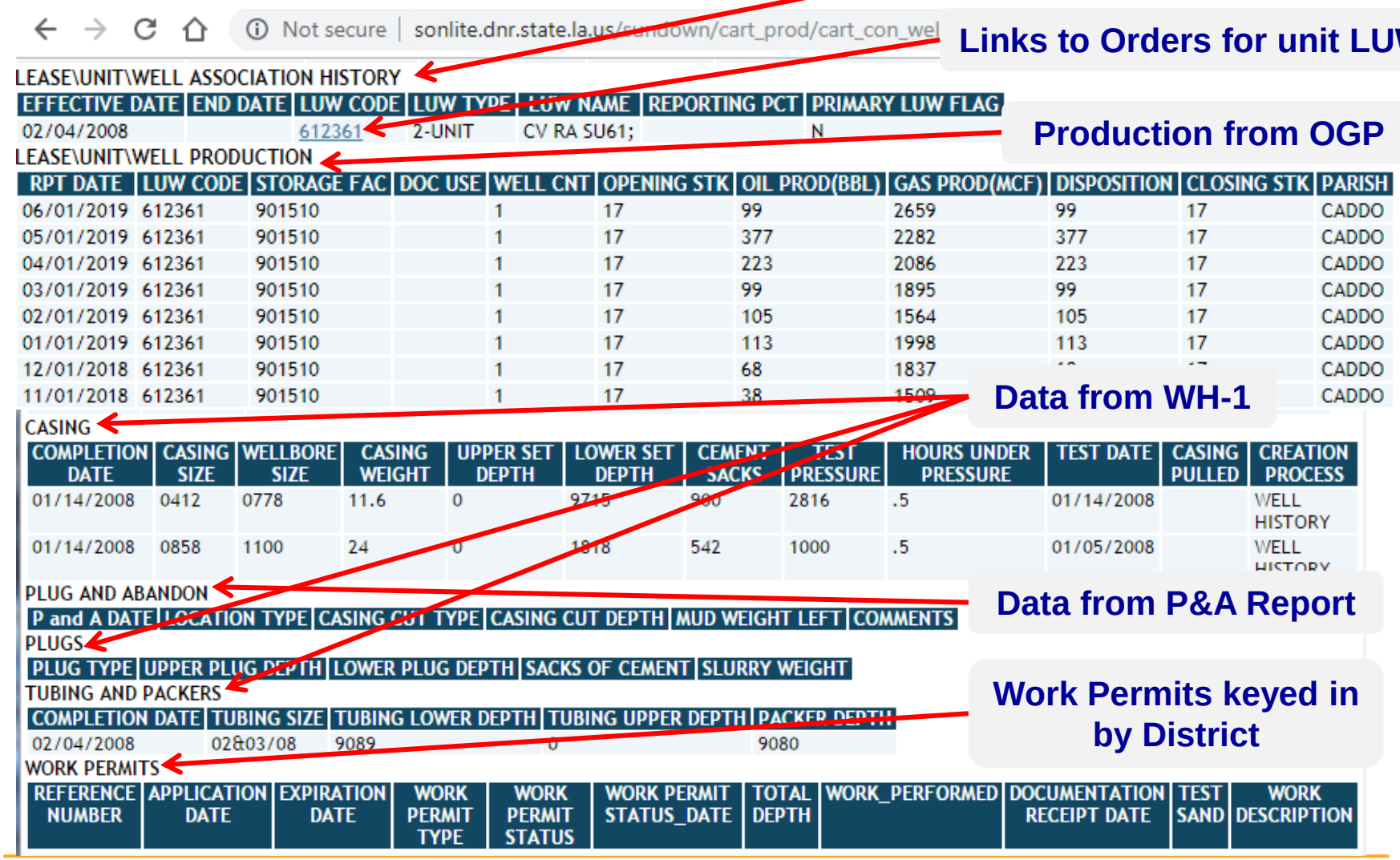
RPT TYP	TEST DATE	RPT DATE	OIL POT	COND	GAS DEL	WATER	BSW%	FLOW PRES	SHUTIN PRES	CHOKE	UPPER PERF	LOWER PERF	BOTTOM HOLE PRES
DT-1	03/29/2016	05/01/2016		0	105	47		159		24	9166	9555	
DT-1	10/04/2015	11/01/2015		0	104	52		175		24	9166	9555	
DT-1	04/03/2015	05/01/2015		0	97	57		174		22	9166	9555	
DT-1	09/23/2014	11/01/2014		0	103	43		207		34	9166	9555	
DT-1	03/19/2014	05/01/2014			113	65		105		28	9166	9555	
DT-1	10/05/2013	11/01/2013			132	33		144		28	9166	9555	
DT-1	04/05/2013	05/01/2013			135	68		181		26	9166	9555	
DT-1	09/27/2012	11/01/2012			138	64		203		26	9166	9555	
DT-1	04/14/2012	05/01/2012			140	53		253		28	9166	9555	
DT-1	09/04/2011	11/01/2011		1	132	33		256		28	9166	9555	
DT-1	03/11/2011	05/01/2011		2	124	56		251		28	9166	9555	
DT-1	09/26/2010	11/01/2010			210	3		120		64	9166	9555	
DT-1	02/21/2010	05/01/2010			230	3		220		64	9166	9555	
DT-1	08/01/2009	11/01/2009			302	1		220		64	9166	9555	
DT-1	03/23/2009	05/01/2009			255	151		190		64	9166	9555	
DT-1	08/01/2008	11/01/2008			362			245		64	9166	9555	
DT-1	03/04/2008	05/01/2008		1	722	160		1600					
SDM2G	03/04/2008	03/04/2008		1	722	160	2	1600					

Allowables - assigned by District

WELL ALLOWABLES

EFFECTIVE DATE	END DATE	LUW CODE	LUW TYPE CODE	ALLOWABLE	ESTIMATED POTENTIAL	CURRENT ALLOWABLE TYPE
07/01/2016	12/31/2016	612361	2	105	105	3
01/01/2016	06/30/2016	612361	2	0	104	3
07/01/2015	12/31/2015	612361	2	0	97	3
01/01/2015	06/30/2015	612361	2	0	103	3

SONRIS - Lite



LUW History by SN

Links to Orders for unit LUWs

Production from OGP

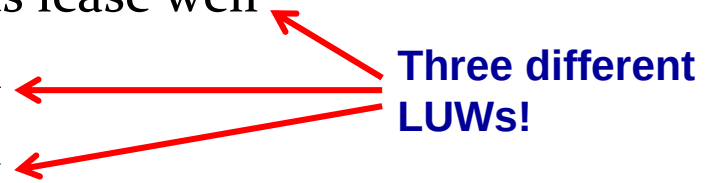
Data from WH-1

Data from P&A Report

Work Permits keyed in by District

LUW Crash Course

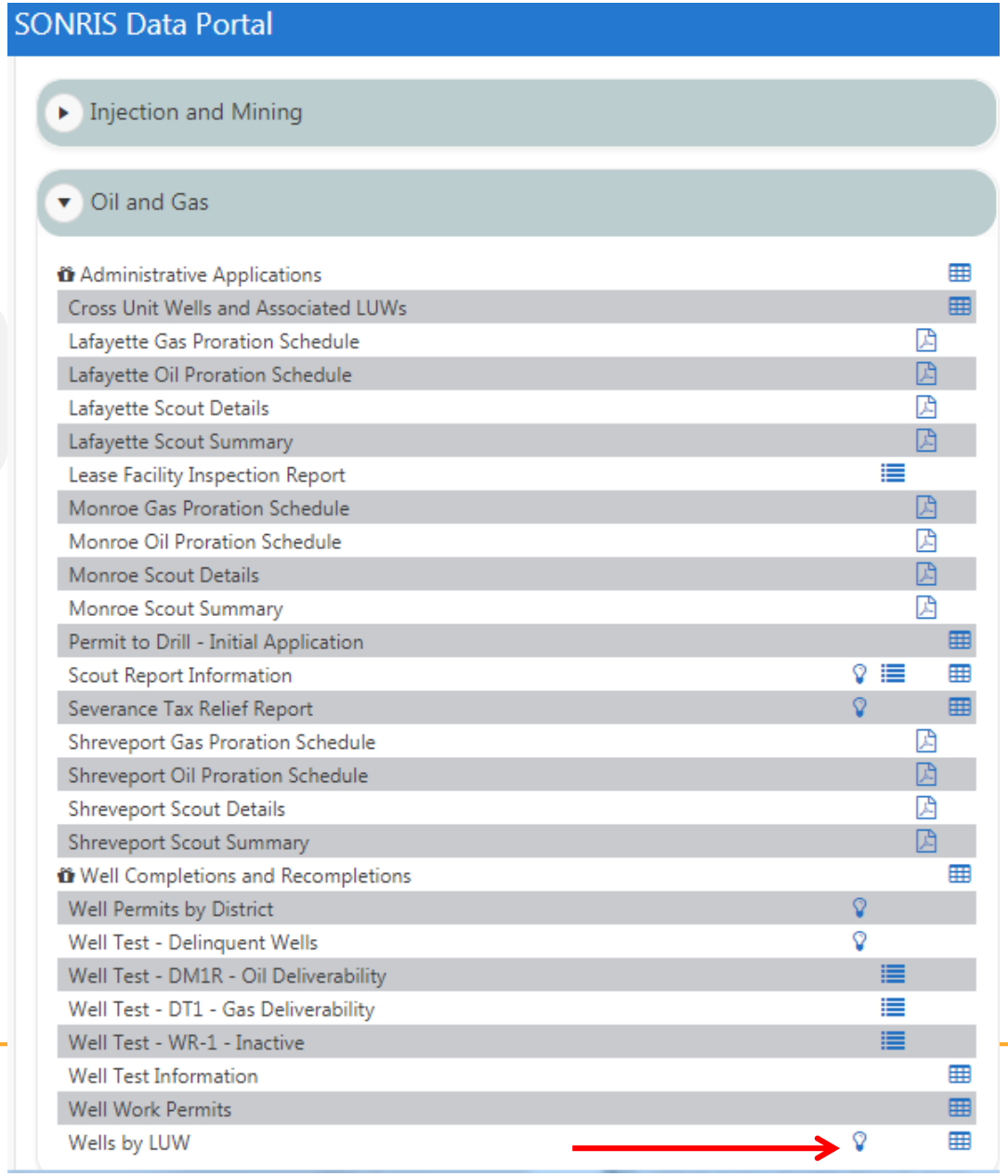
- LUWs are codes assigned to wells to report production. Multiple wells share the same LUW in the following instances:
  - On the same lease and same product (LUWs are oil or gas)
  - In the same unit operated by the same operator
- A single well can have multiple LUWs throughout its life
  - Permitted and completed as a gas lease well
  - Unit formed; unit LUW assigned
  - Recompleted to an oil lease sand



- Therefore, must review LUW history to determine which wells are associated with the production!

SONRIS - Lite

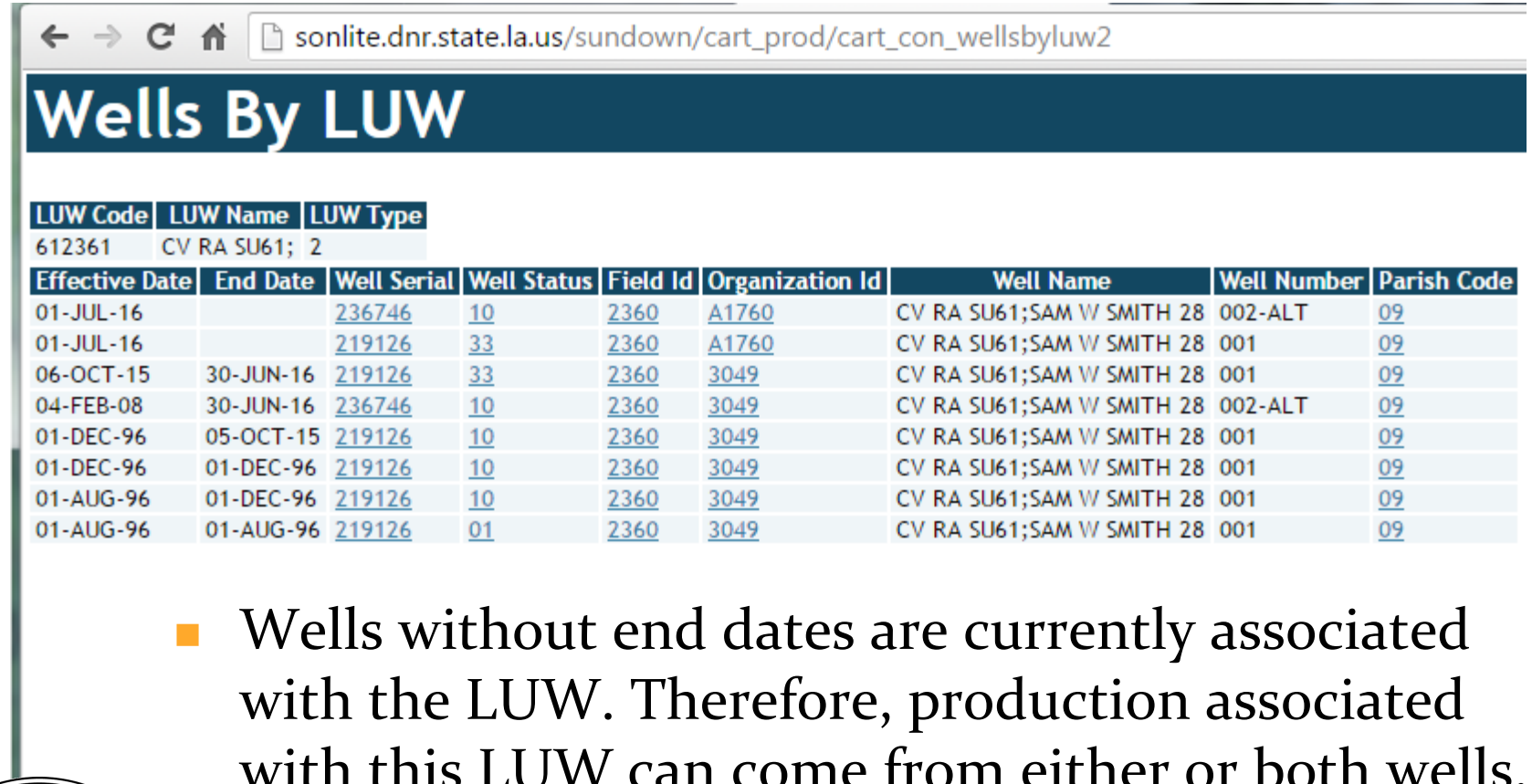
Wells By LUW is a great feature to review well associations with LUWs



SONRIS - Lite

If LUW type is unknown, select 0-ALL Types

SONRIS - Lite



Wells By LUW

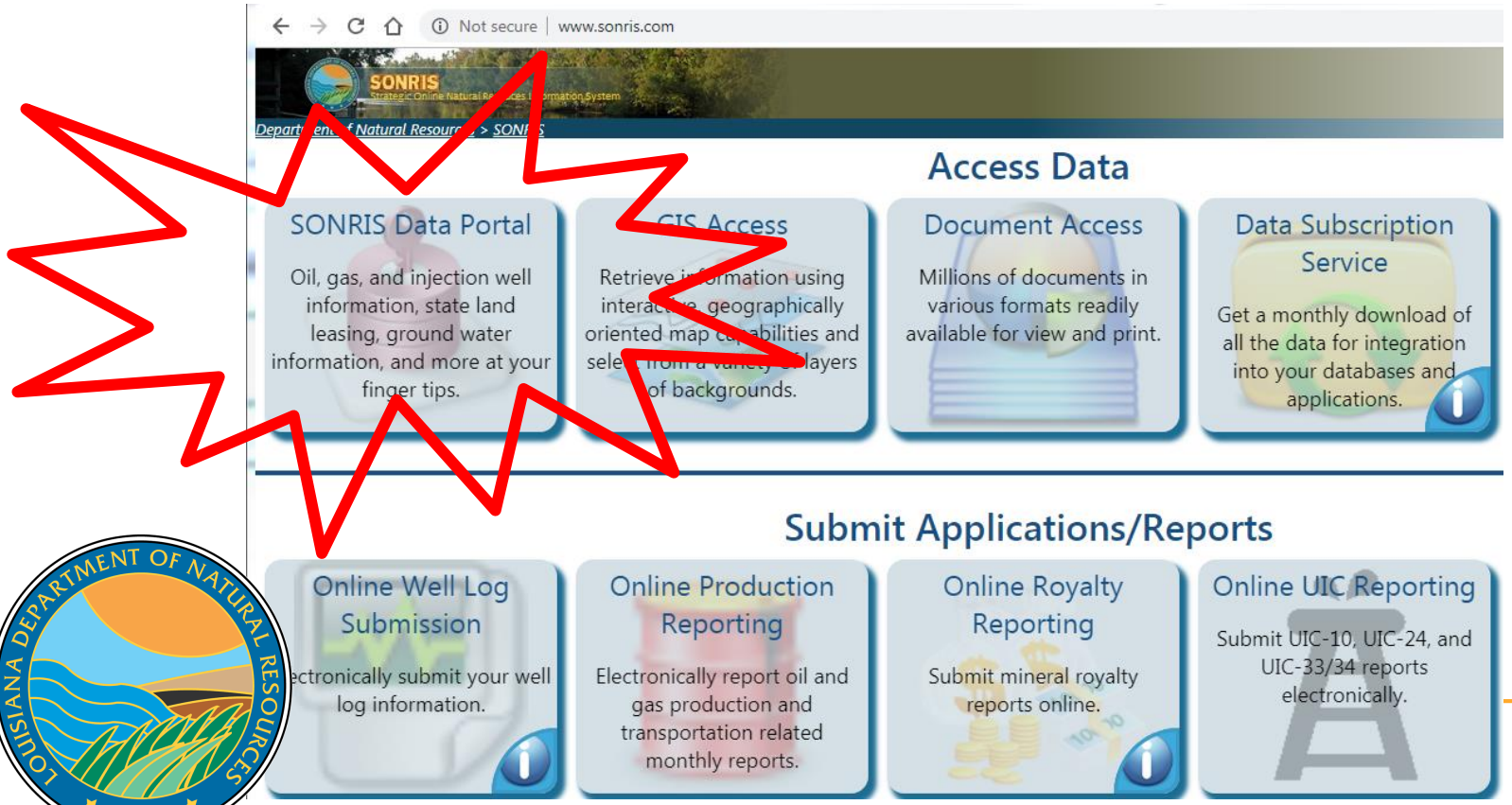
LUW Code	LUW Name	LUW Type
612361	CV RA SU61;	2

Effective Date	End Date	Well Serial	Well Status	Field Id	Organization Id	Well Name	Well Number	Parish Code
01-JUL-16		236746	10	2360	A1760	CV RA SU61;SAM W SMITH 28	002-ALT	09
01-JUL-16		219126	33	2360	A1760	CV RA SU61;SAM W SMITH 28	001	09
06-OCT-15	30-JUN-16	219126	33	2360	3049	CV RA SU61;SAM W SMITH 28	001	09
04-FEB-08	30-JUN-16	236746	10	2360	3049	CV RA SU61;SAM W SMITH 28	002-ALT	09
01-DEC-96	05-OCT-15	219126	10	2360	3049	CV RA SU61;SAM W SMITH 28	001	09
01-DEC-96	01-DEC-96	219126	10	2360	3049	CV RA SU61;SAM W SMITH 28	001	09
01-AUG-96	01-DEC-96	219126	10	2360	3049	CV RA SU61;SAM W SMITH 28	001	09
01-AUG-96	01-AUG-96	219126	01	2360	3049	CV RA SU61;SAM W SMITH 28	001	09

- Wells without end dates are currently associated with the LUW. Therefore, production associated with this LUW can come from either or both wells.

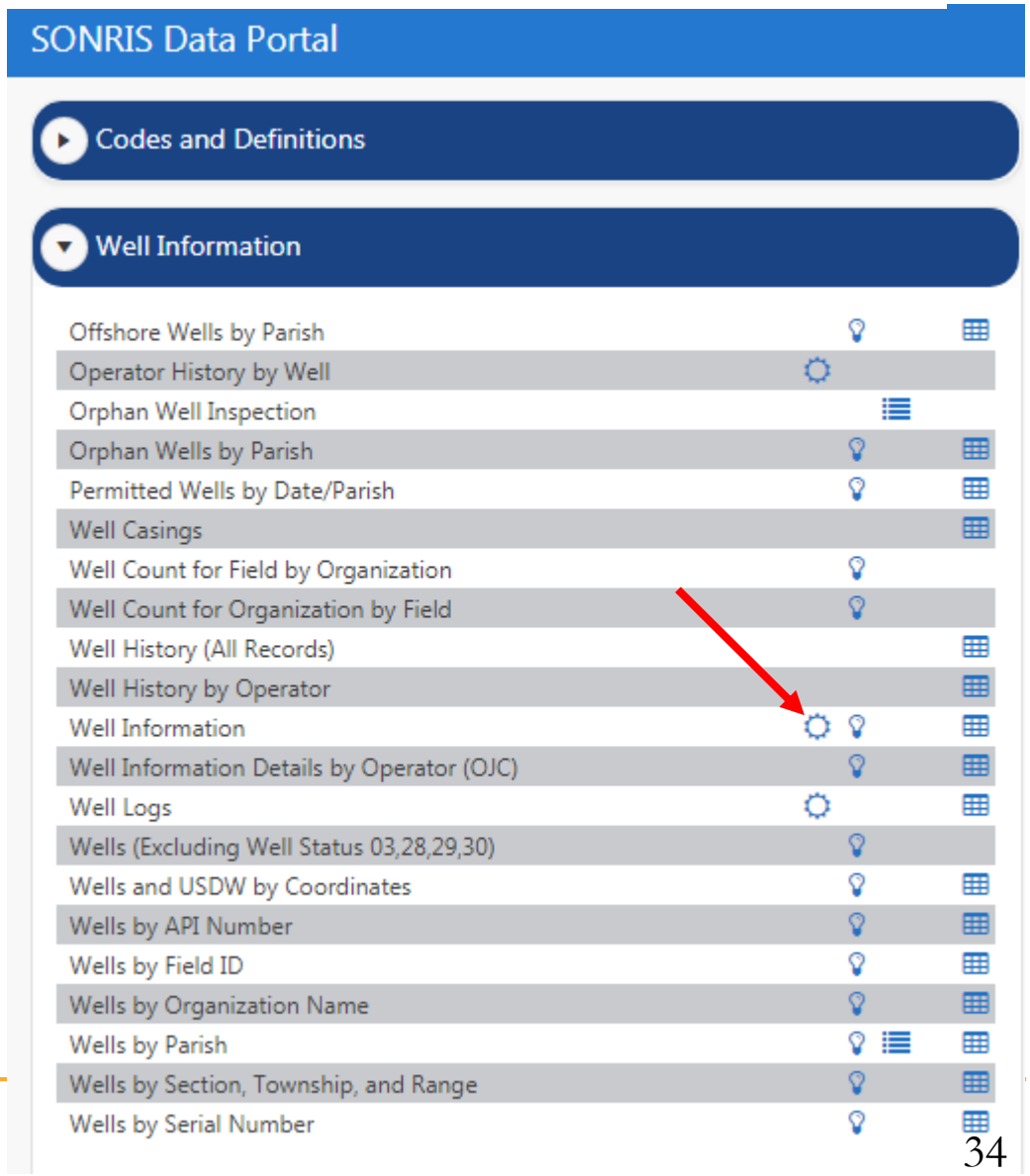
SONRIS - Standard

- Interactive reports that replace SONRIS external forms
- Live- once keyed into system, available for public access
- Great search tool to limit population to review

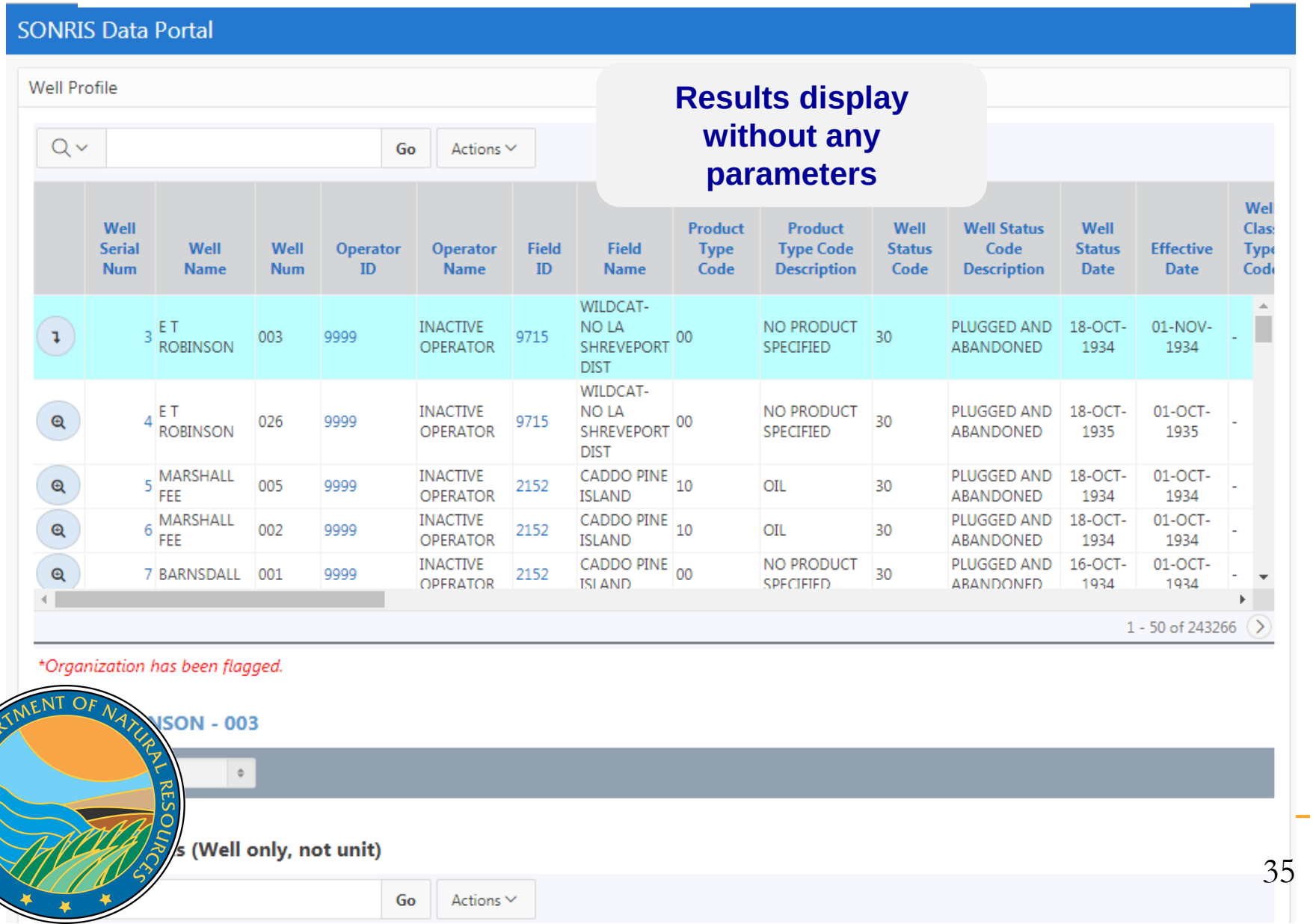


SONRIS - Standard

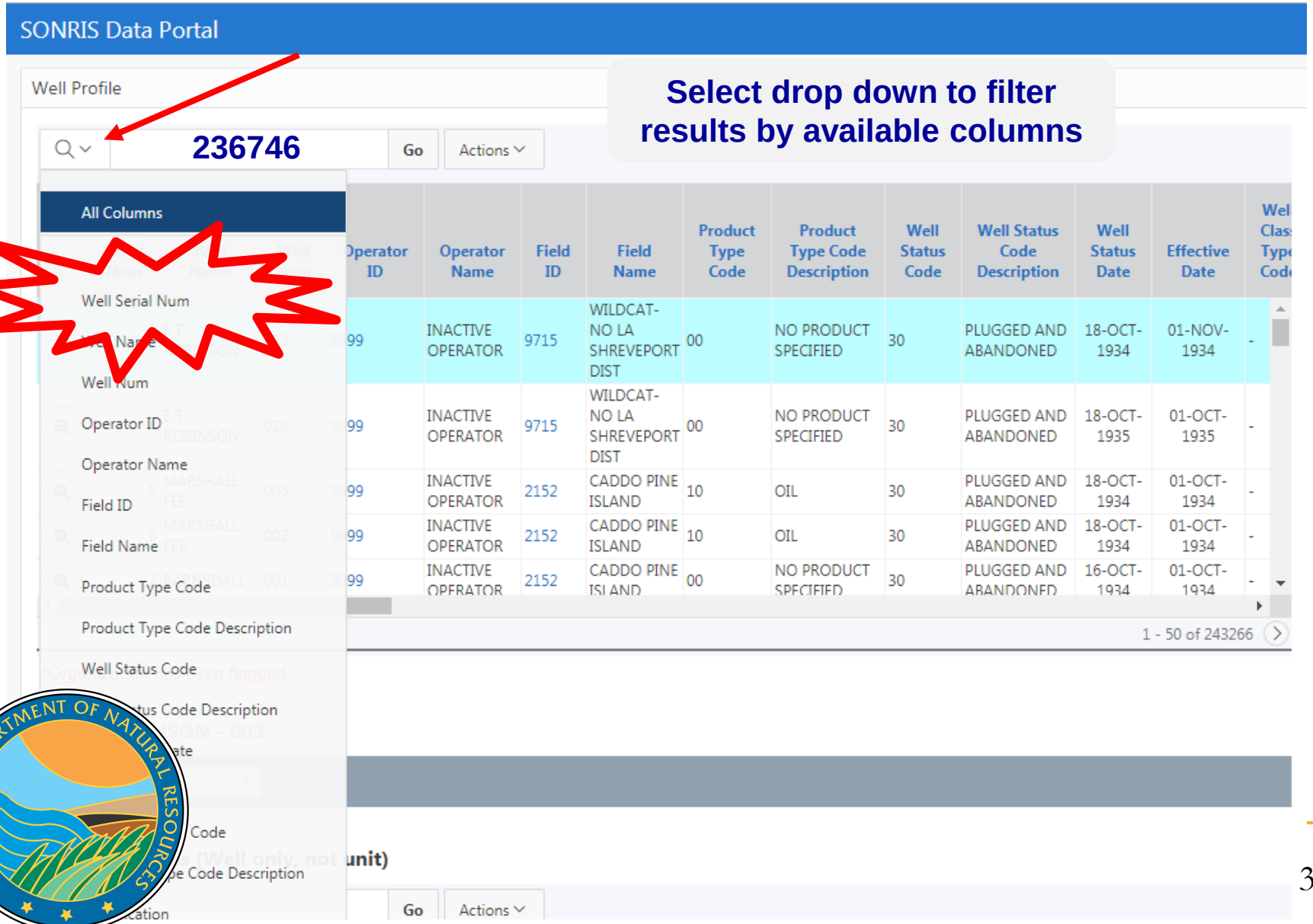
- Works well in any browser



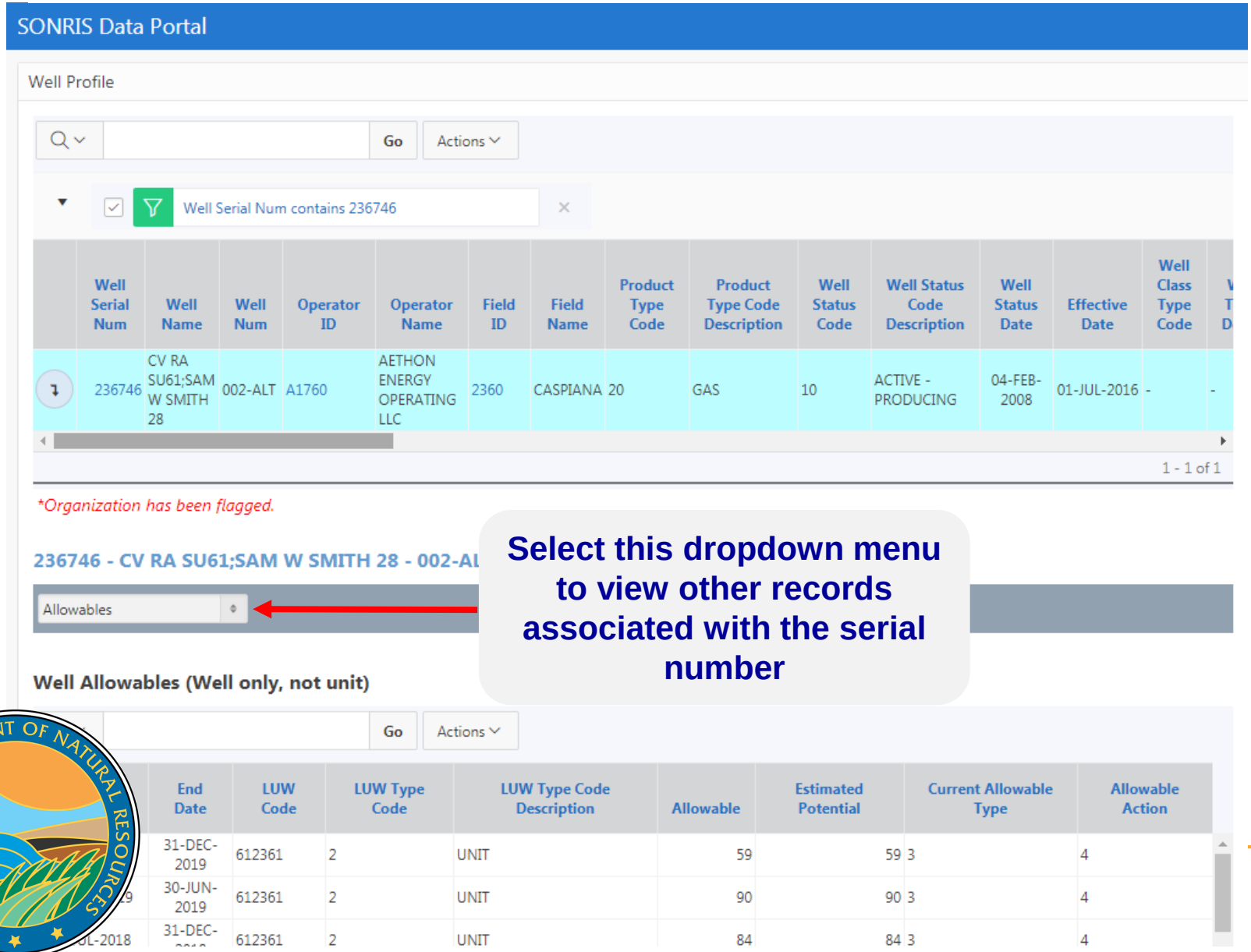
SONRIS - Standard



SONRIS - Standard



SONRIS - Standard



SONRIS - Standard

	Well Serial Num	Well Name	Well Num	Operator ID	Operator Name	Field ID	Field Name	Product Type Code	Product Type Code Description	Well Status Code	Well Status Code Description	Well Status Date	Effective Date	Class Type Code	W T D
↴	236746	CV RA SU61;SAM W SMITH 28	002-ALT	A1760	AETHON ENERGY OPERATING LLC	2360	CASPIANA	20	GAS	10	ACTIVE - PRODUCING	04-FEB-2008	01-JUL-2016	-	-

1 - 1 of 1

Organization has been flagged.

236746 - CV RA SU61;SAM W SMITH 28 - 002-ALT

Allowables

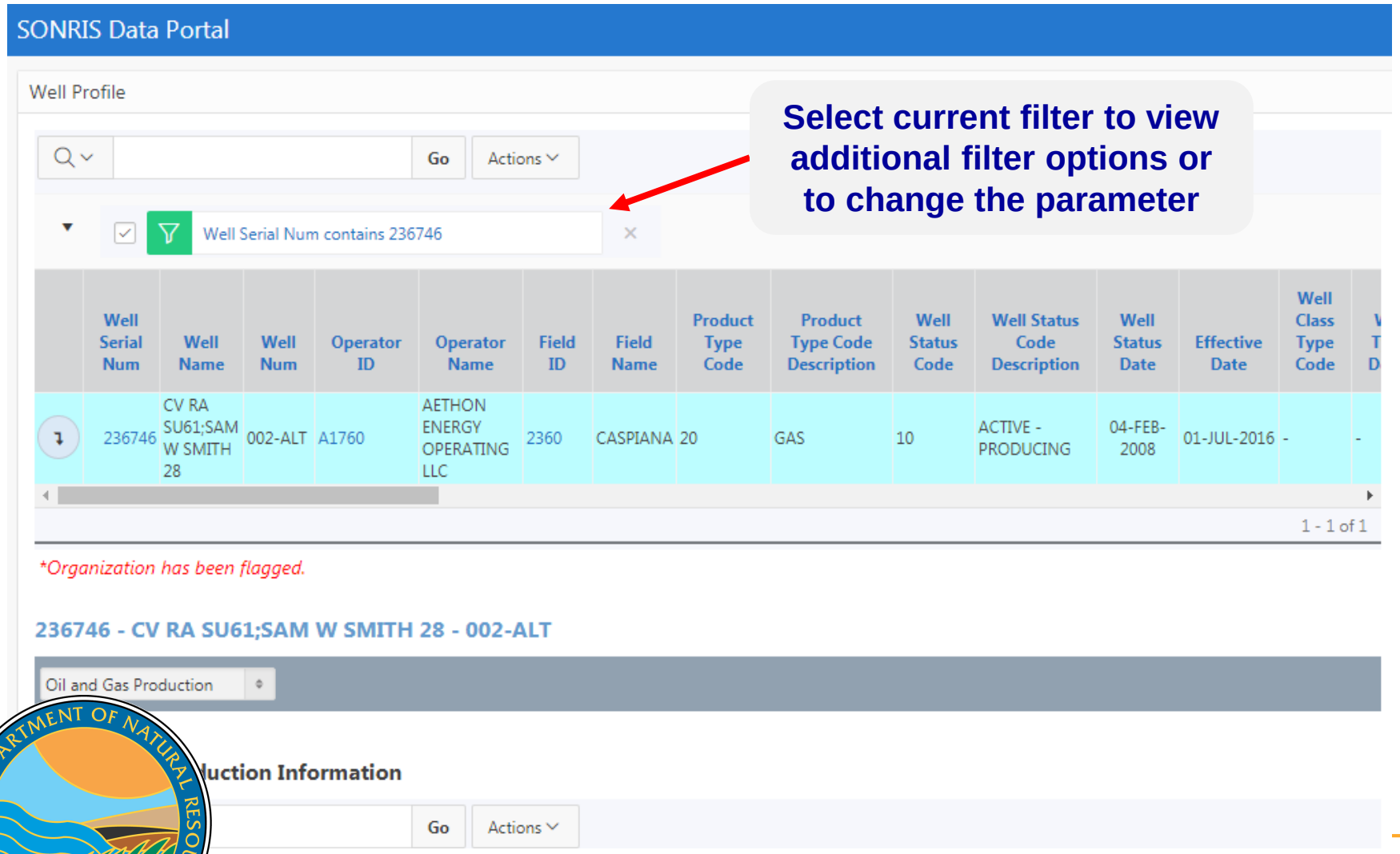
- Allowables
- Bottom Hole Coordinates
- Casings
- Conditions
- Disposition Information
- History
- LUW Association
- Oil and Gas Production
- Perforations
- Plug and Abandon
- Surface Coordinates
- Tests
- Tubings and Packers

nly, not unit)

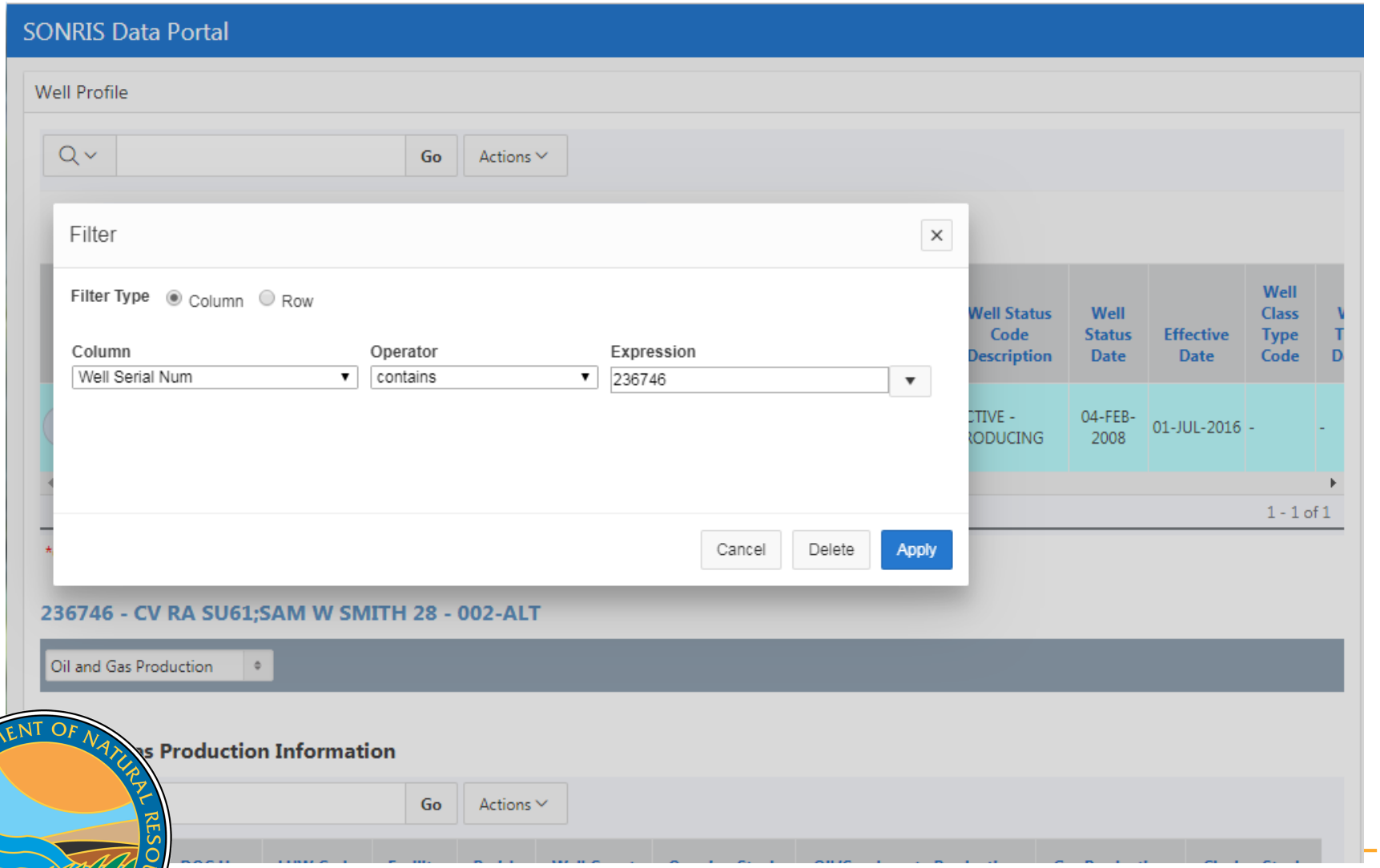
Go | Actions

	LUW Code	LUW Type Code	LUW Type Code Description	Allowable	Estimated Potential	Current Allowable Type	Allowable Action
	12361	2	UNIT	59	59	3	4
2019	612361	2	UNIT	90	90	3	4
31-DEC-2018	612361	2	UNIT	84	84	3	4
IUN-18	612361	2	UNIT	139	139	3	4
EC-							

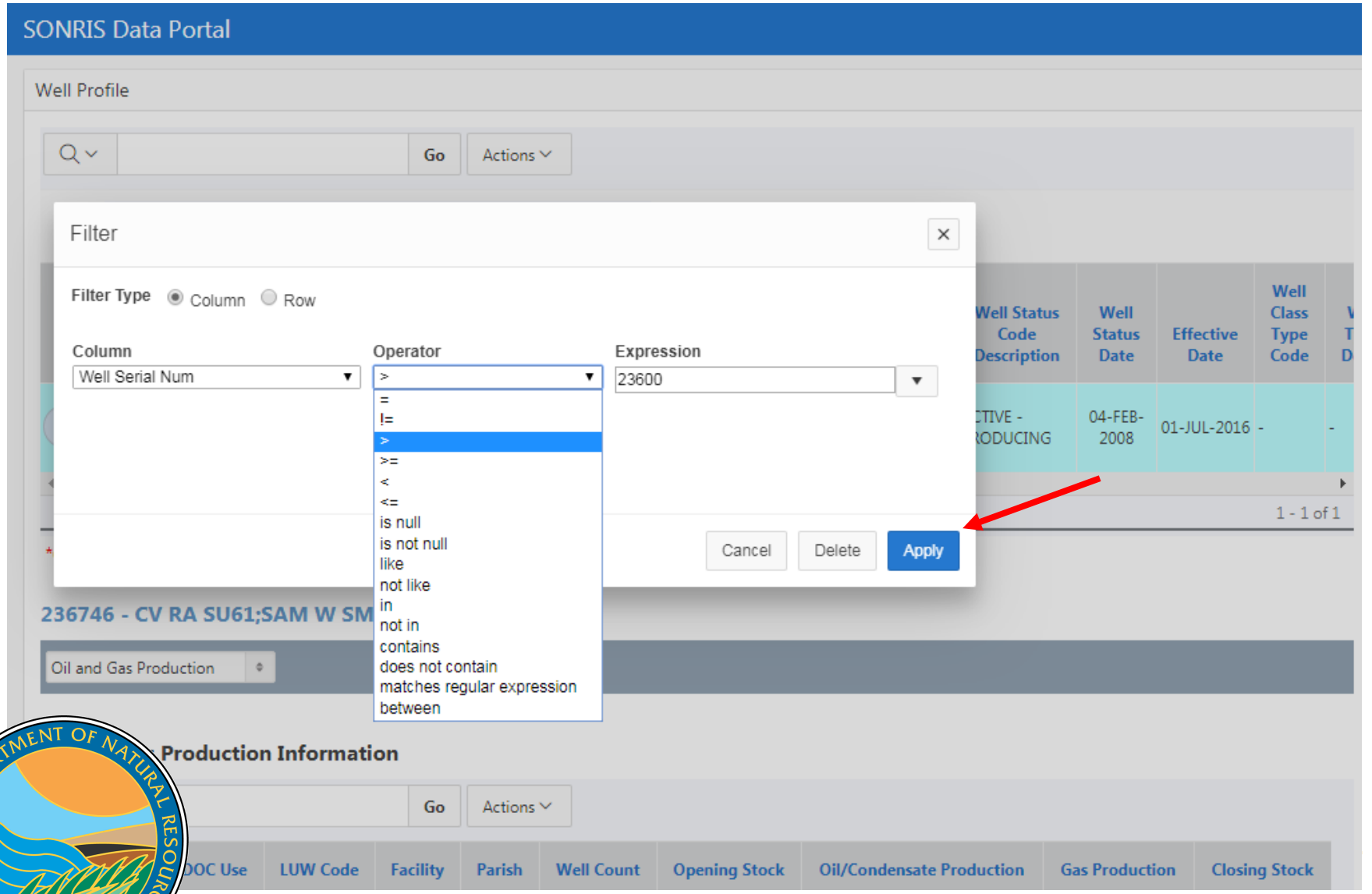
SONRIS - Standard



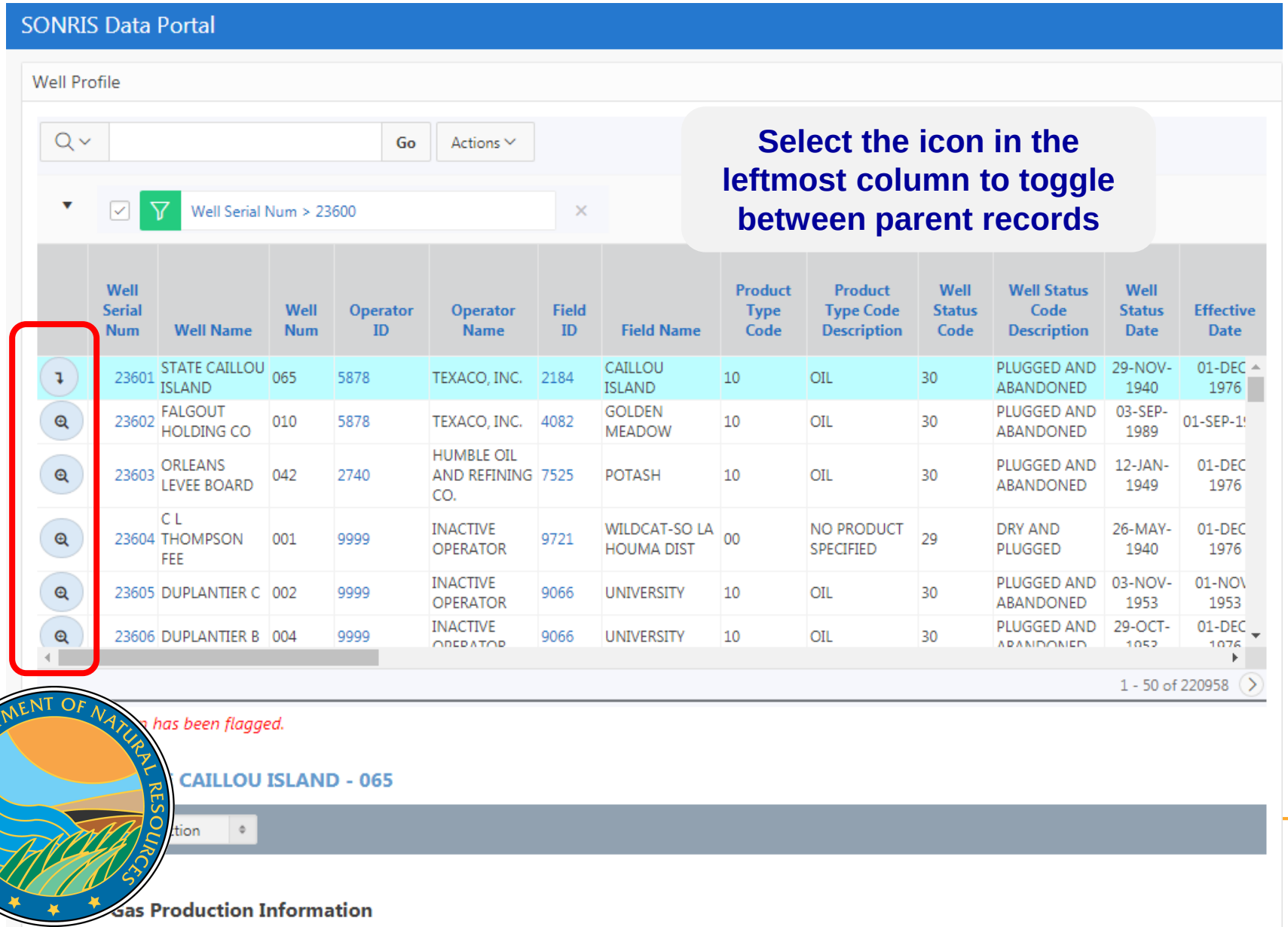
SONRIS - Standard



SONRIS - Standard

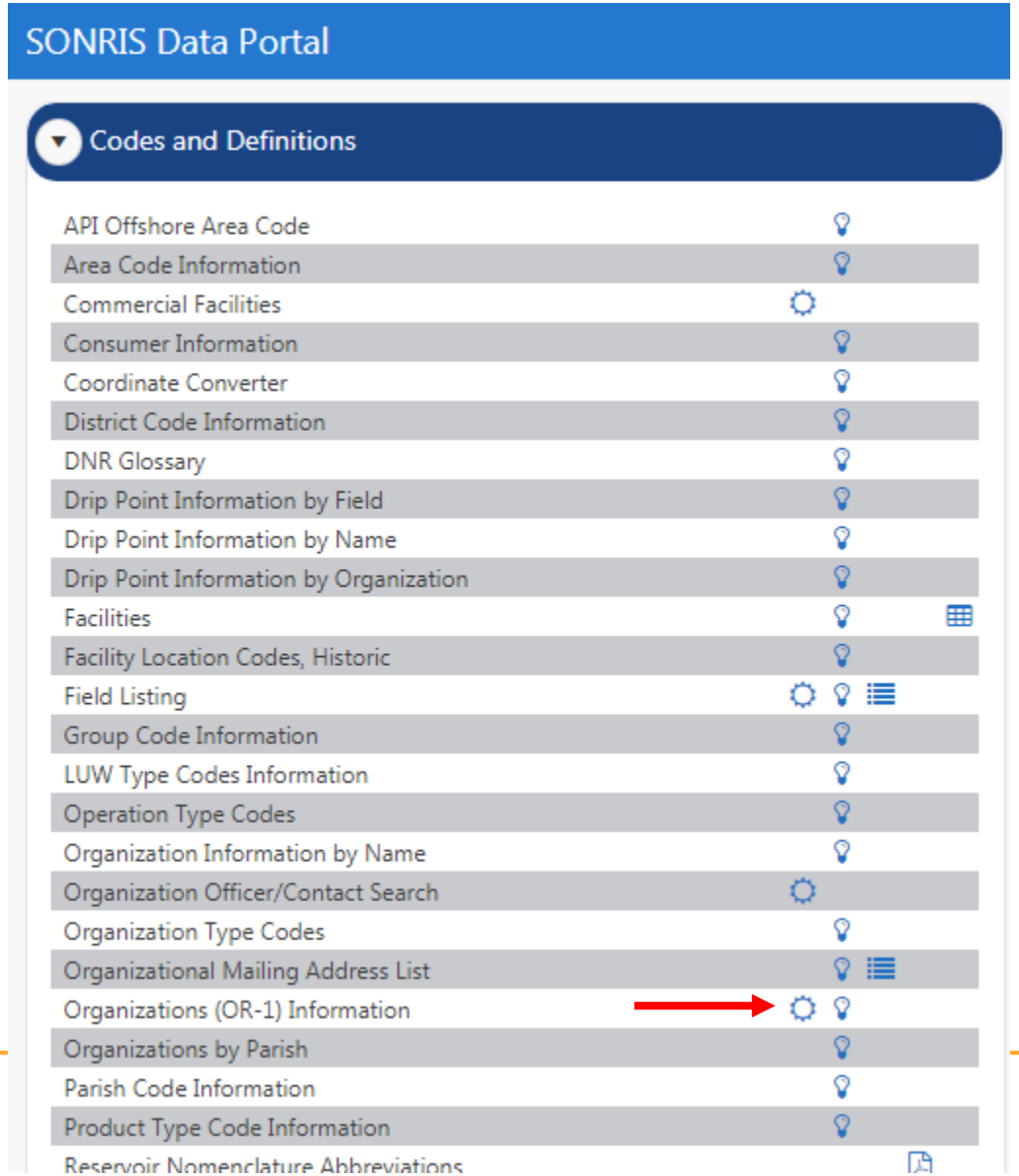


SONRIS - Standard

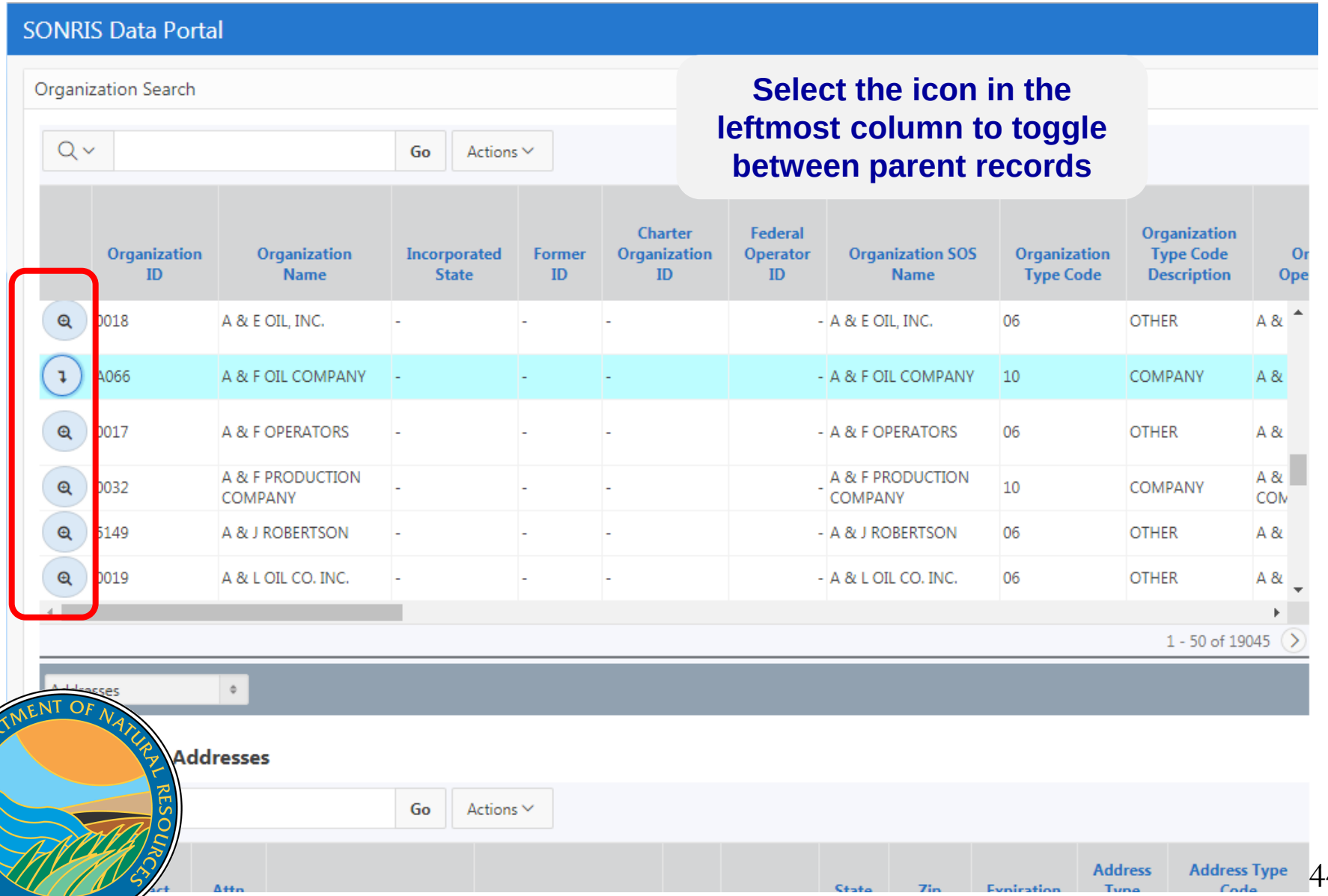


SONRIS - Standard

- Organizations (OR-1) Information displays current contact information, red flag history, and more

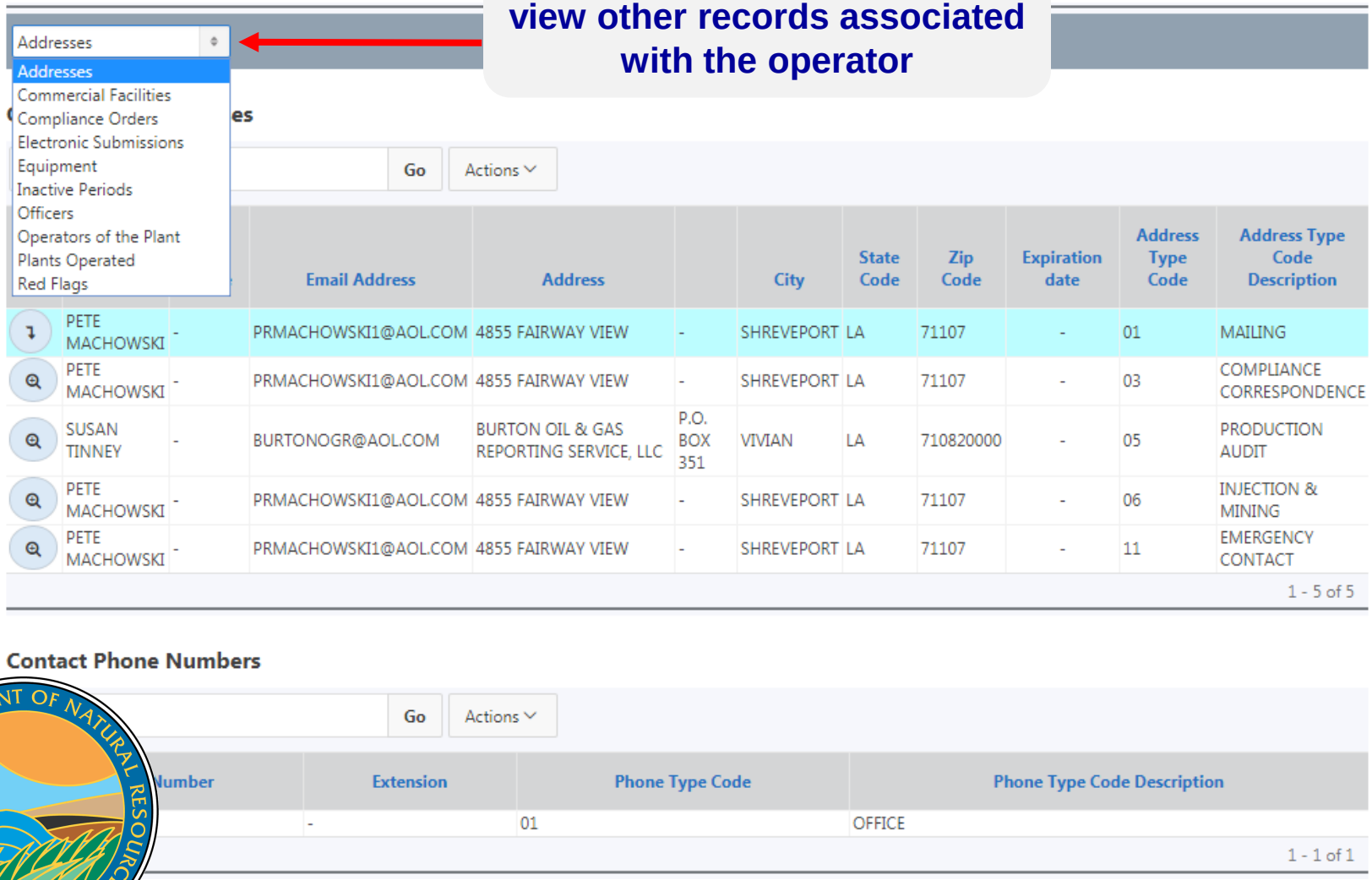


SONRIS - Standard



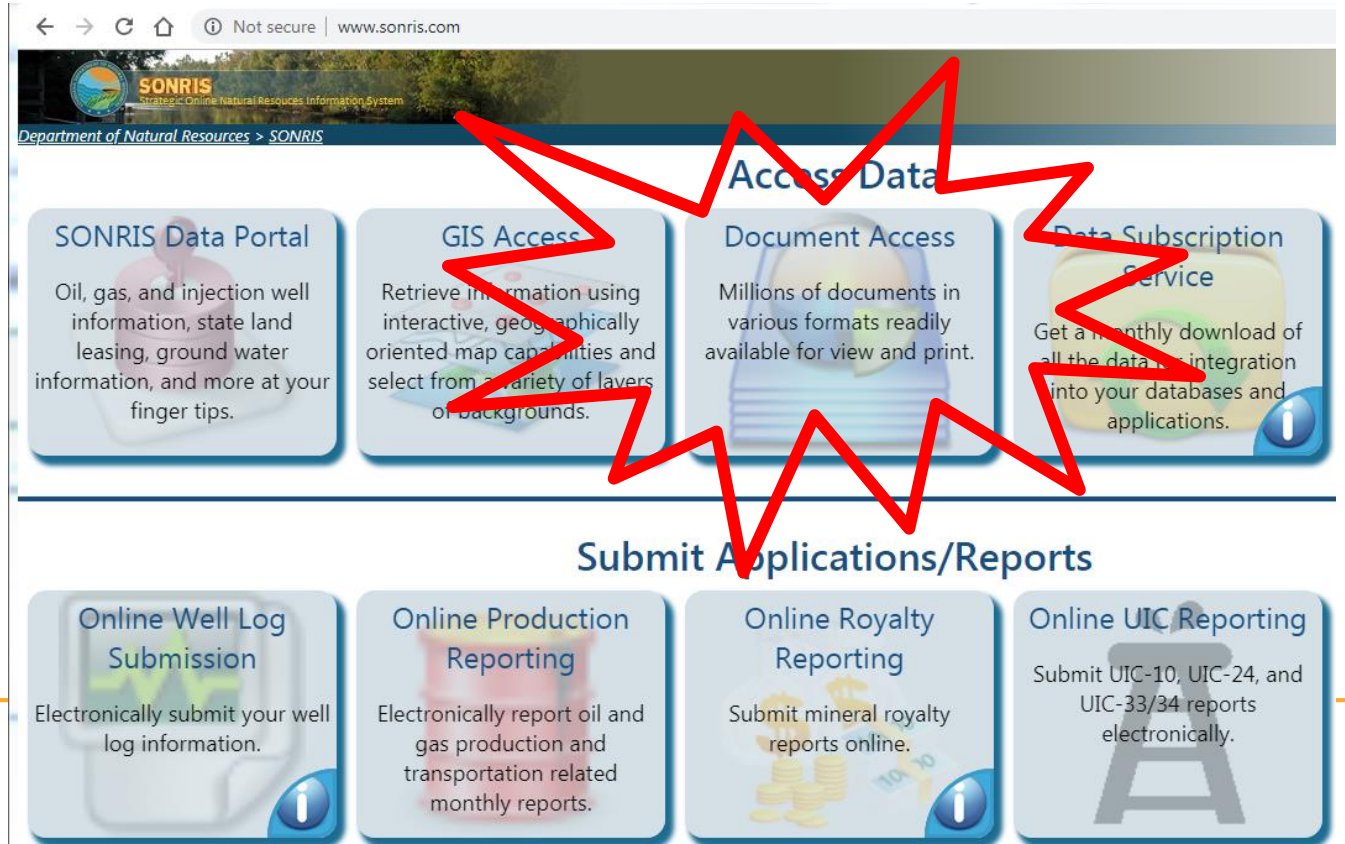
SONRIS - Standard

Select this dropdown menu to view other records associated with the operator



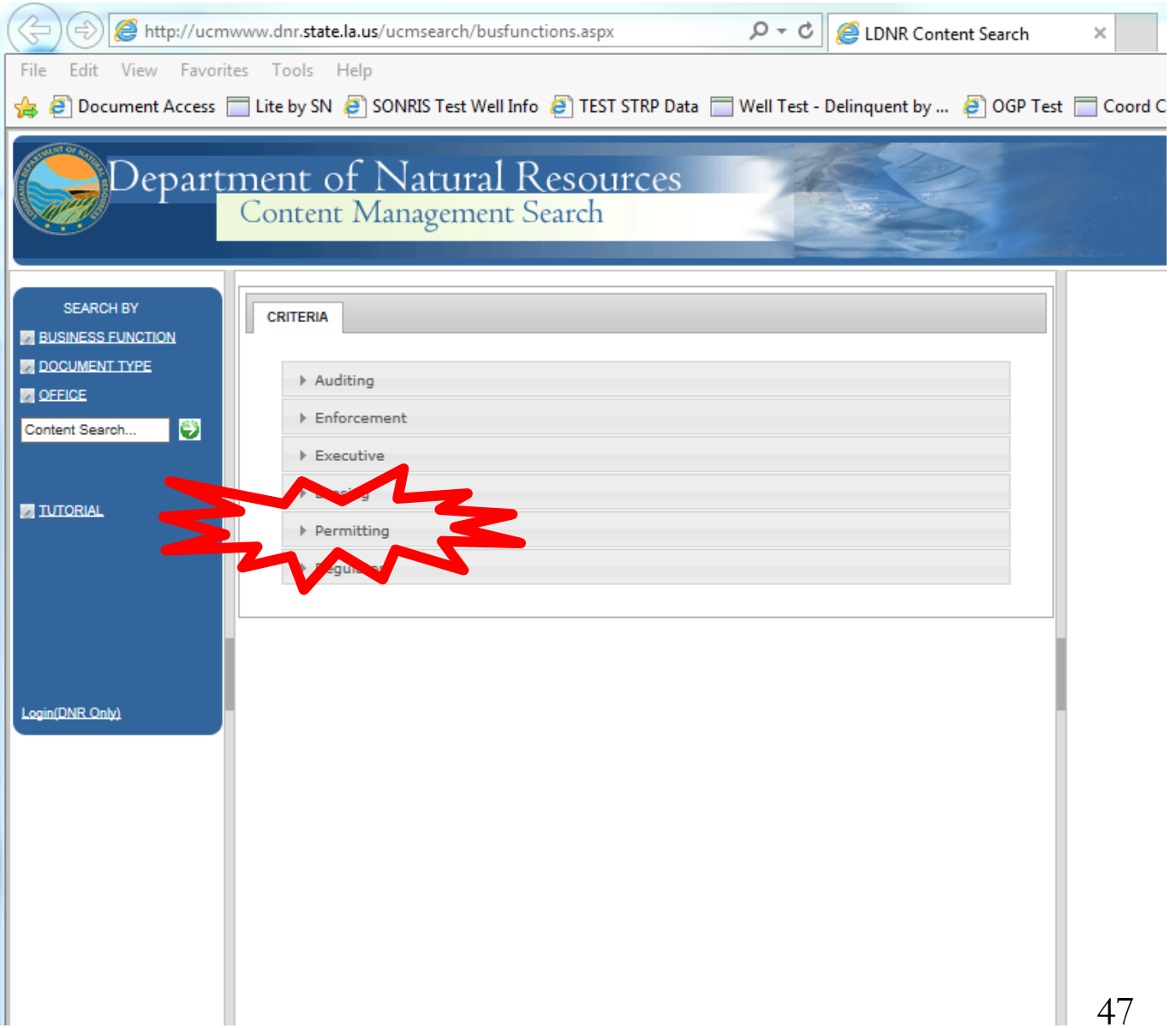
SONRIS – Document Access

- Database for scanned documents
- Source of all data for Data Access applications (Lite, IDR, GIS)
- Must know specific reference to access documents

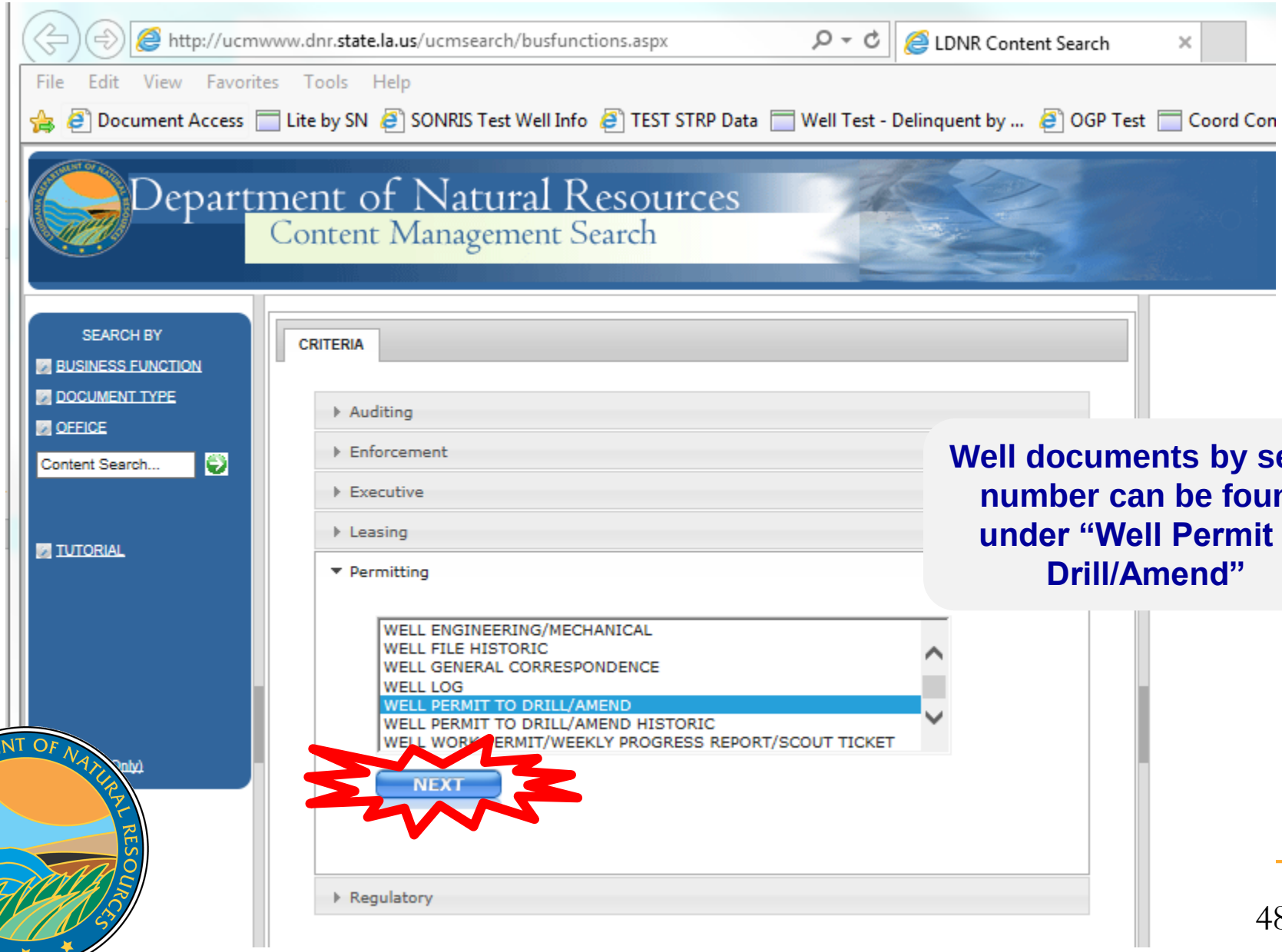


SONRIS – Document Access

- Works well in any browser

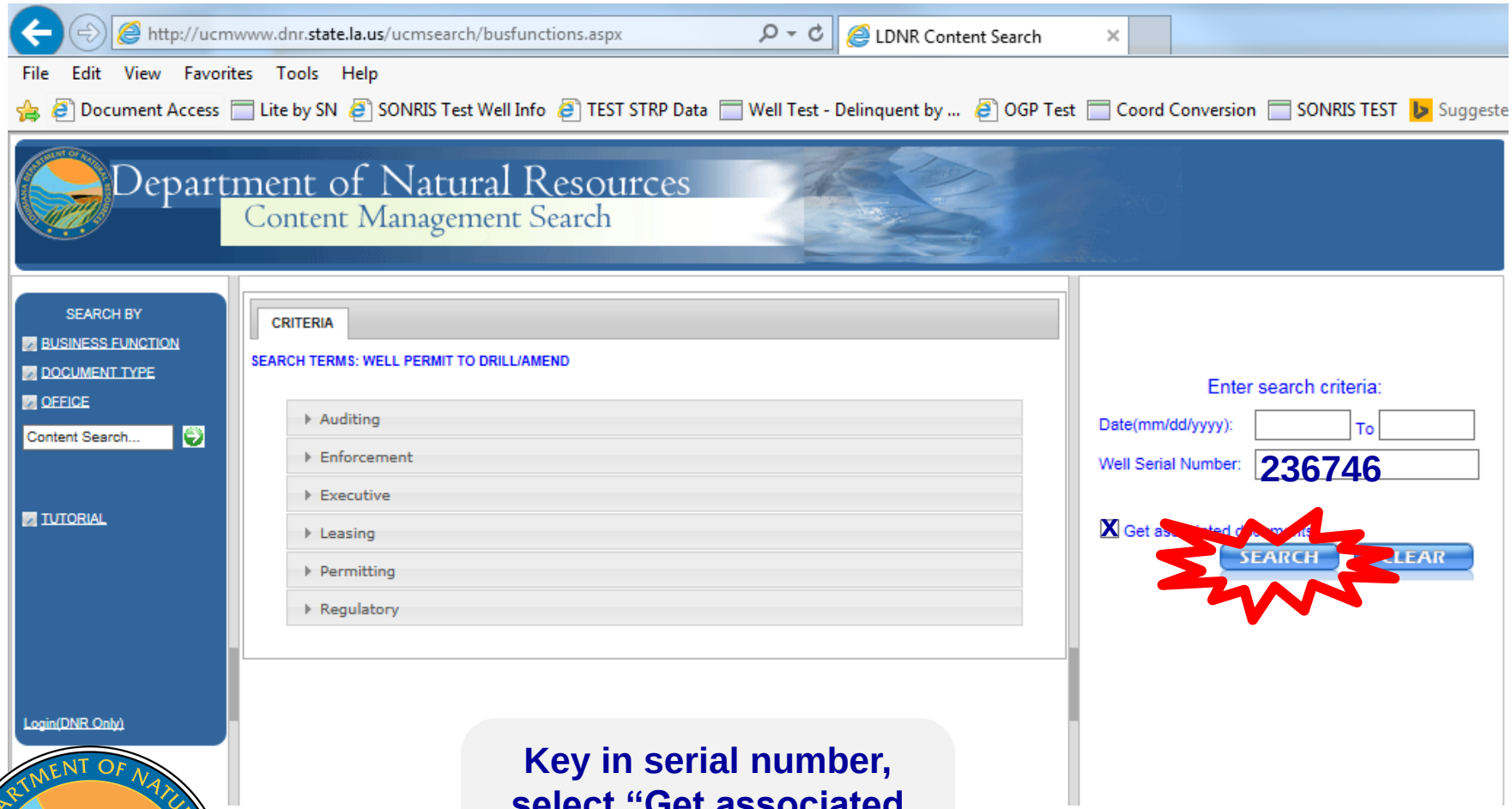


SONRIS – Document Access



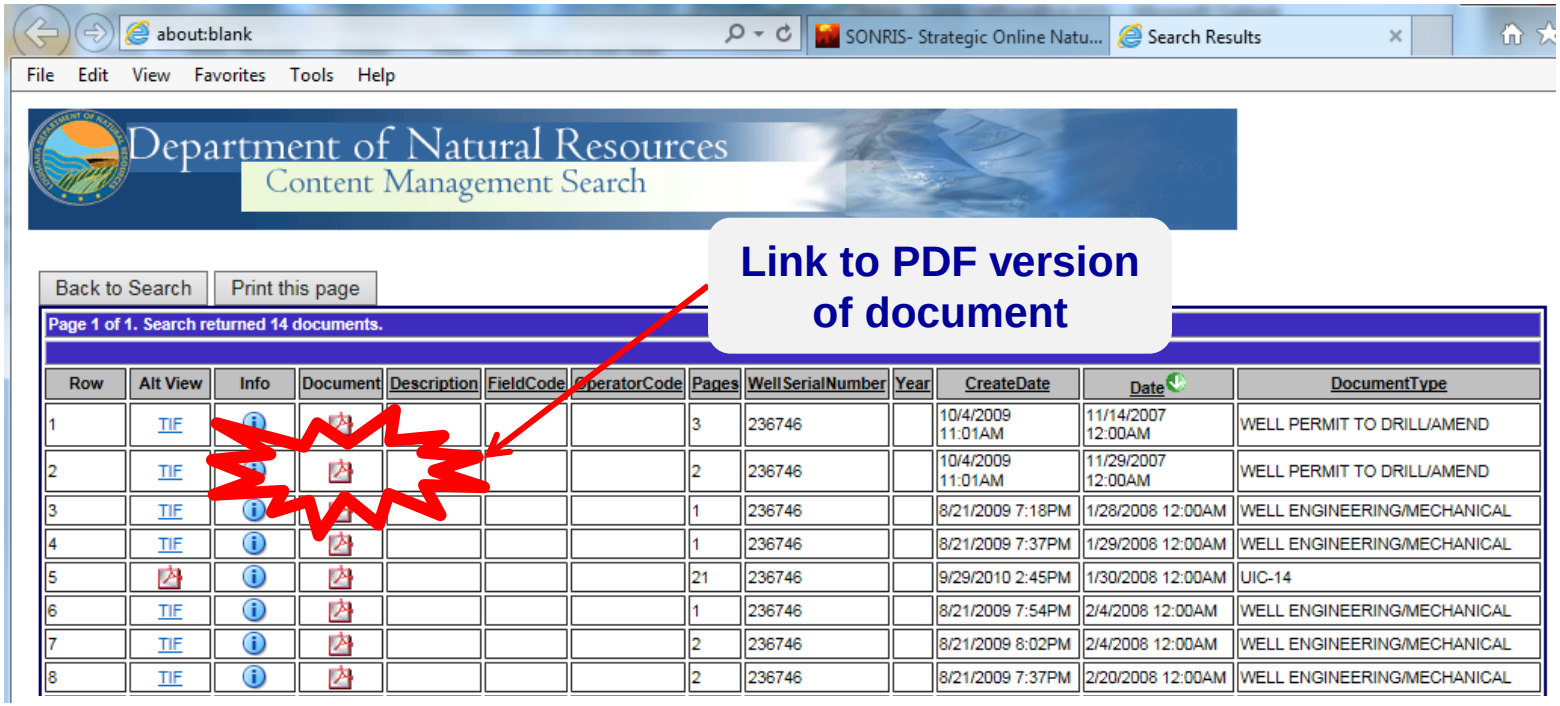
Well documents by serial number can be found under "Well Permit to Drill/Amend"

SONRIS – Document Access



Key in serial number, select "Get associated documents," then select search

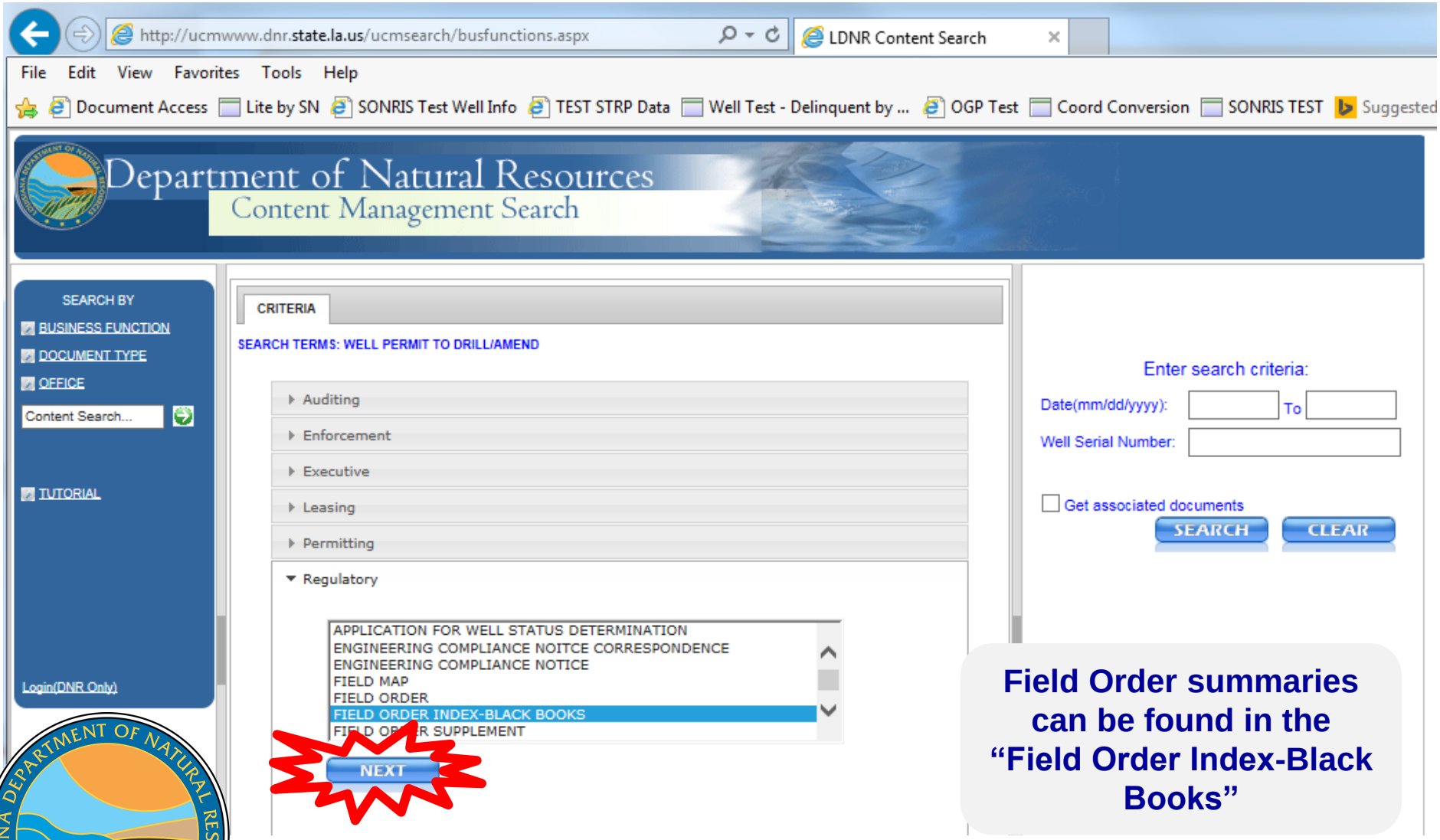
SONRIS – Document Access



Row	Alt View	Info	Document	Description	FieldCode	OperatorCode	Pages	WellSerialNumber	Year	CreateDate	Date	DocumentType
1	TIF						3	236746		10/4/2009 11:01AM	11/14/2007 12:00AM	WELL PERMIT TO DRILL/AMEND
2	TIF						2	236746		10/4/2009 11:01AM	11/29/2007 12:00AM	WELL PERMIT TO DRILL/AMEND
3	TIF						1	236746		8/21/2009 7:18PM	1/28/2008 12:00AM	WELL ENGINEERING/MECHANICAL
4	TIF						1	236746		8/21/2009 7:37PM	1/29/2008 12:00AM	WELL ENGINEERING/MECHANICAL
5							21	236746		9/29/2010 2:45PM	1/30/2008 12:00AM	UIC-14
6	TIF						1	236746		8/21/2009 7:54PM	2/4/2008 12:00AM	WELL ENGINEERING/MECHANICAL
7	TIF						2	236746		8/21/2009 8:02PM	2/4/2008 12:00AM	WELL ENGINEERING/MECHANICAL
8	TIF						2	236746		8/21/2009 7:37PM	2/20/2008 12:00AM	WELL ENGINEERING/MECHANICAL

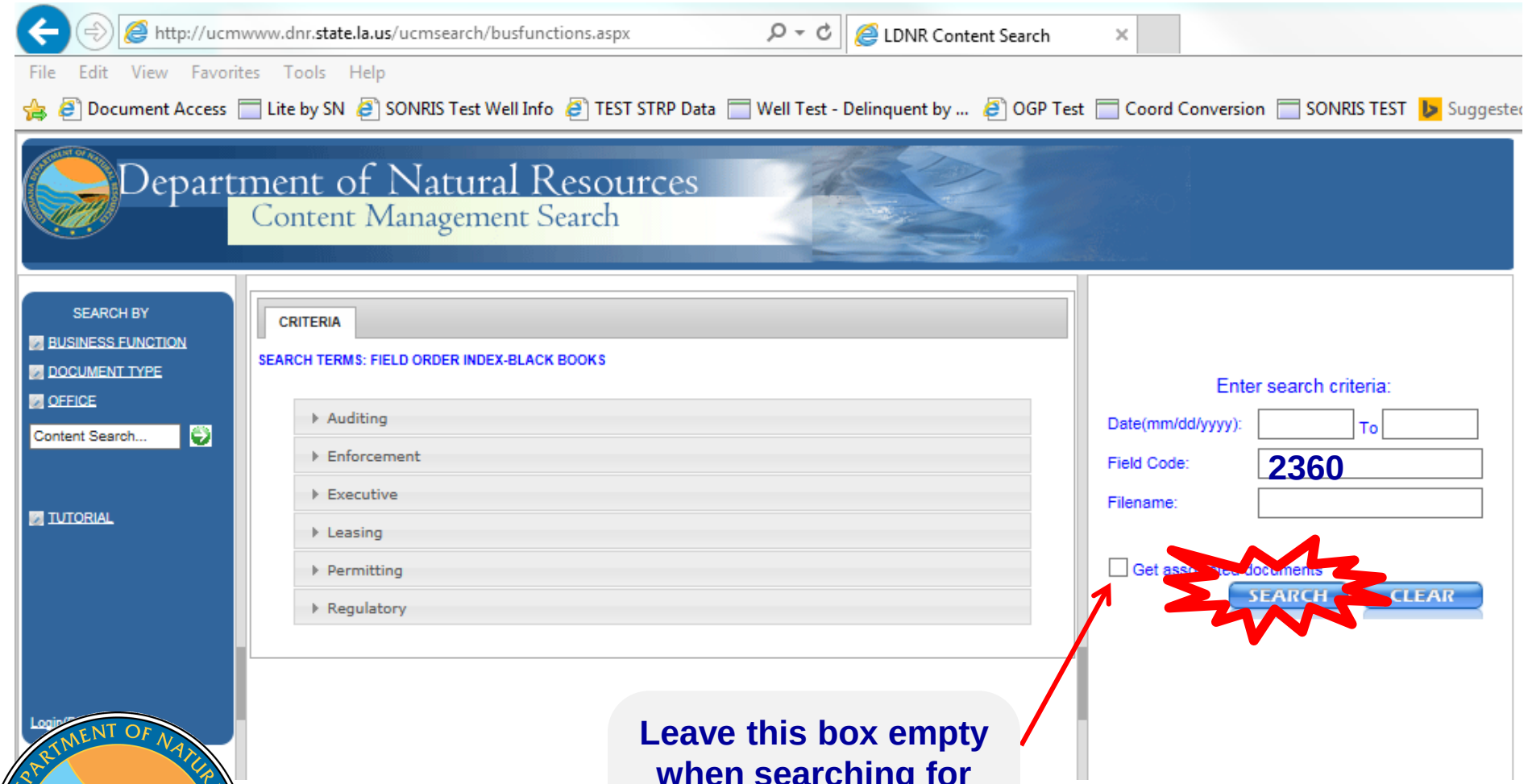
- Documents are indexed by type and initially sorted by effective date
  - Well Permit to Drill/Amend = Permit documents
  - Well Engineering/Mechanical = WH-1, Form Comp, Casing Affidavits, etc.
  - Lease Facility Inspection Report = Reports filed by Conservation's Field Staff
  - Well File Historic = All well documents prior to 2000

SONRIS – Document Access



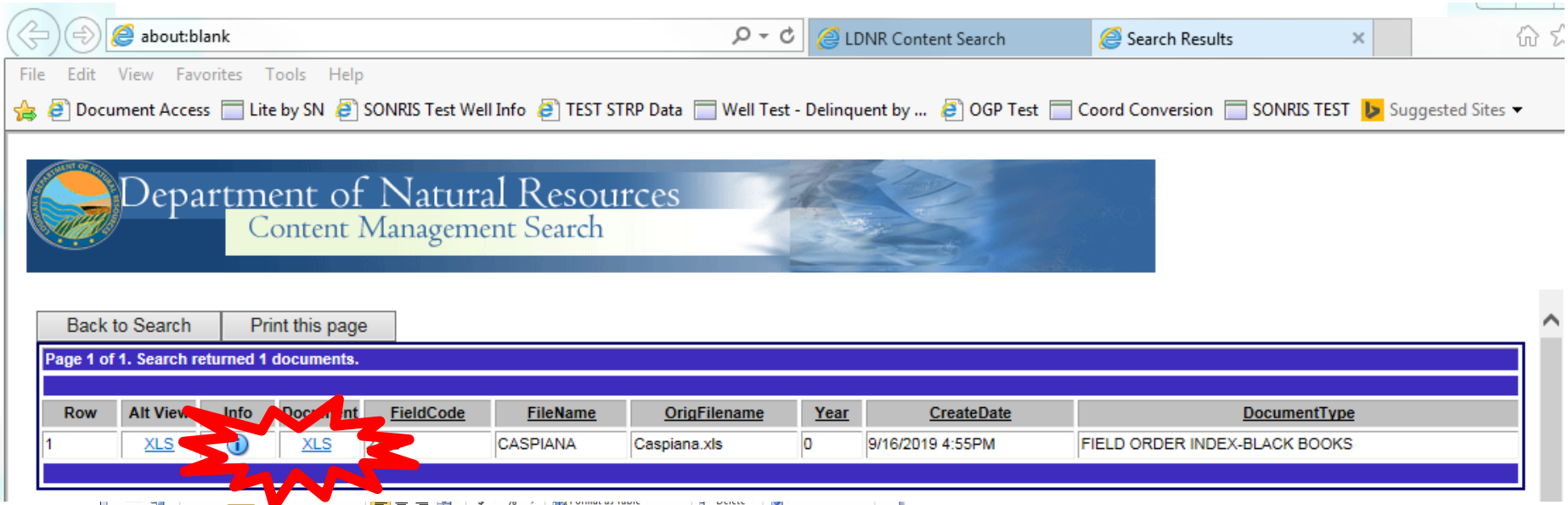
Field Order summaries can be found in the "Field Order Index-Black Books"

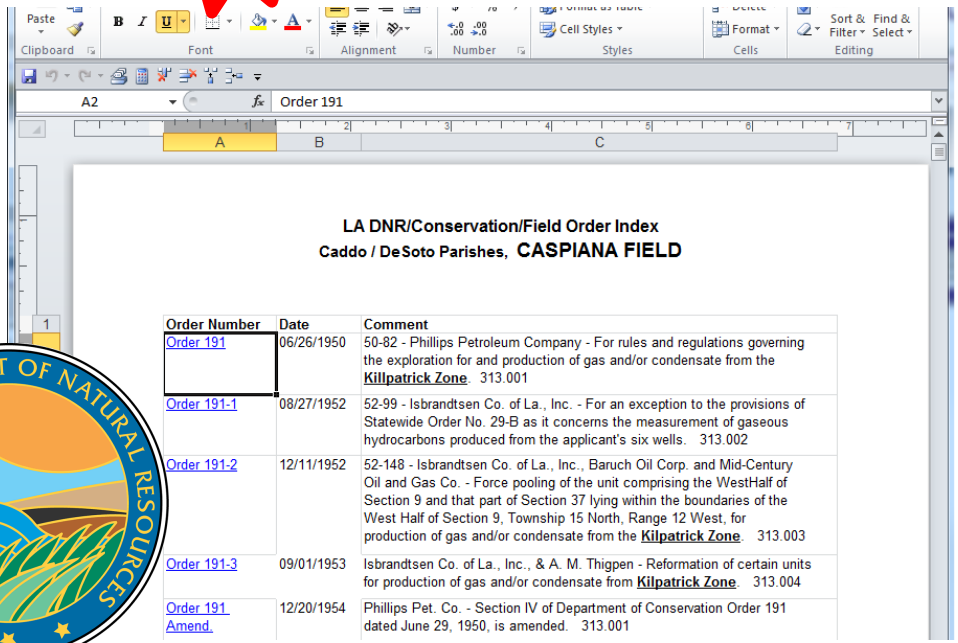
SONRIS – Document Access



Leave this box empty when searching for Blackbooks – otherwise, all Orders for Field will populate

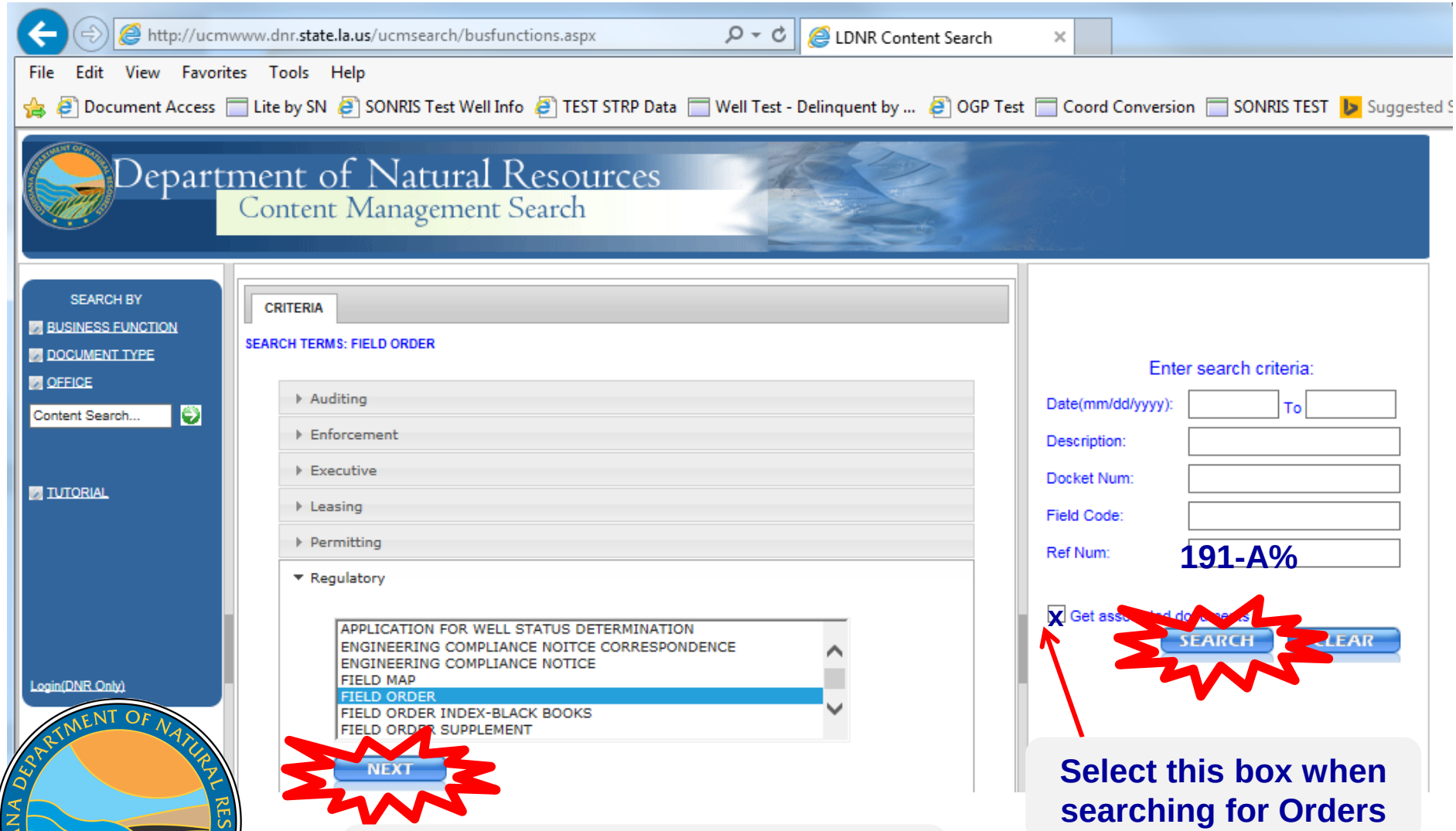
SONRIS – Document Access



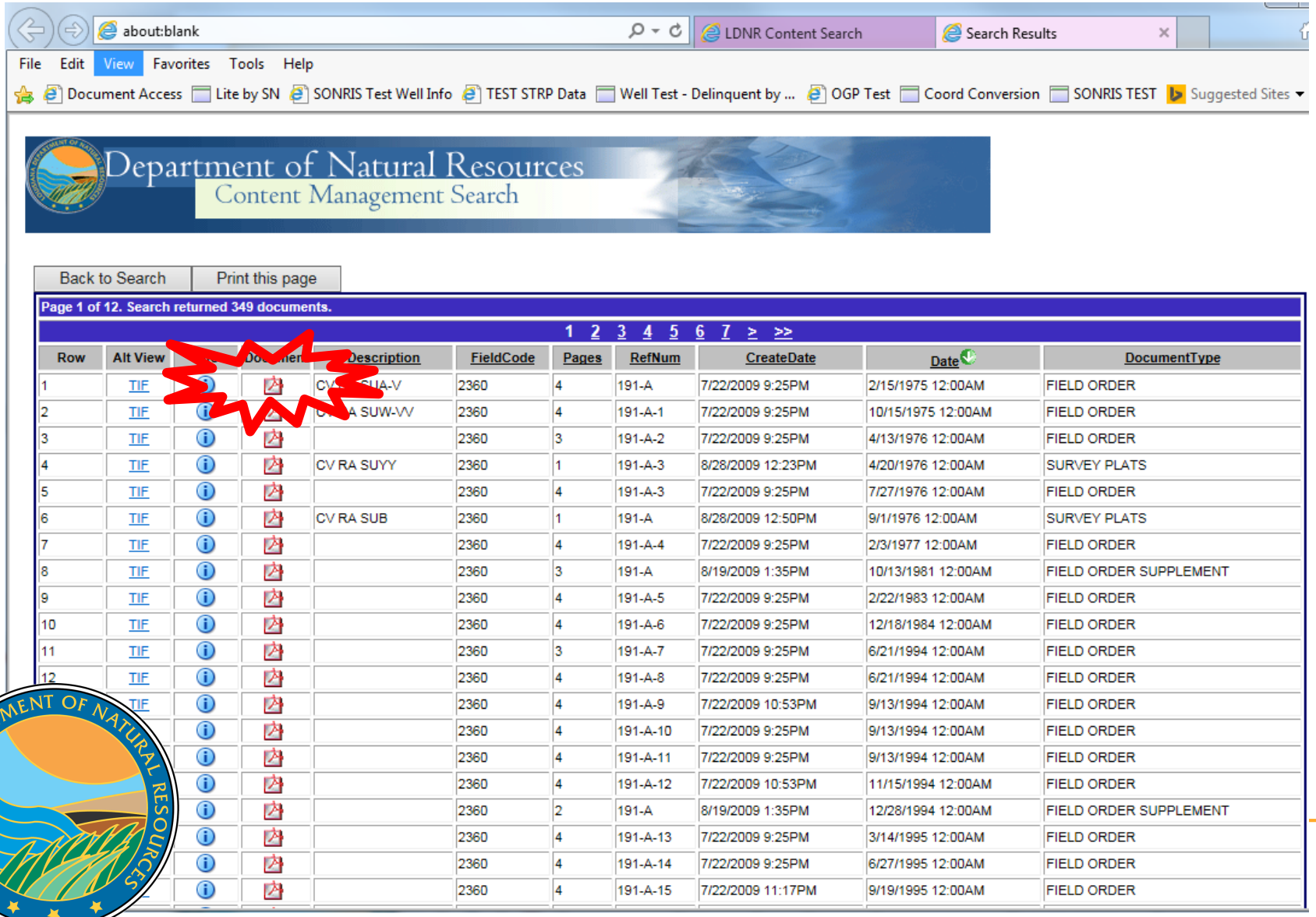


- Excel index of all Orders in Field
- Hyperlinked directly to Order
- LIVING DOCUMENT!!
  - Updated as soon as new Orders are issued

SONRIS – Document Access



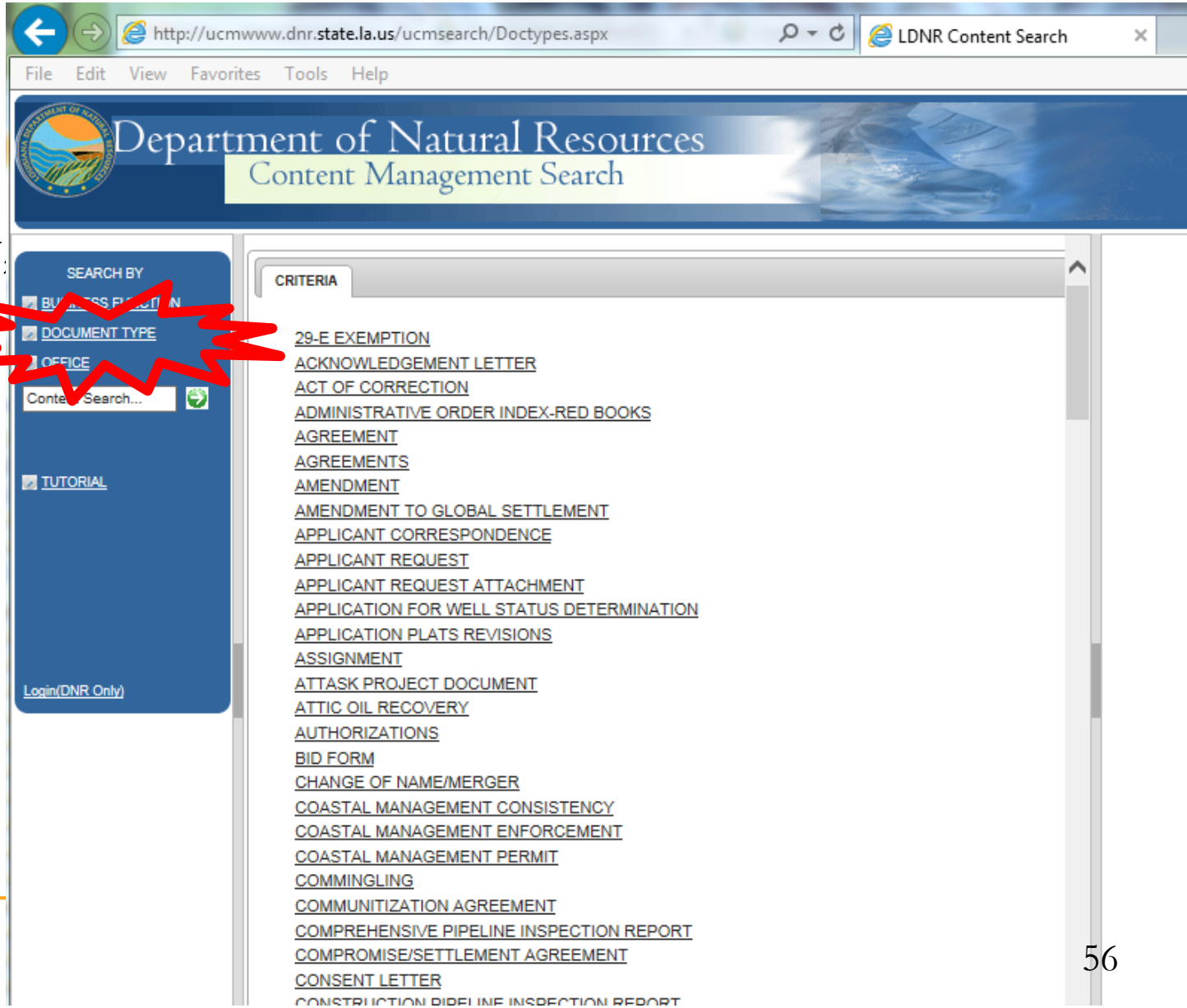
SONRIS – Document Access



Row	Alt View	Description	FieldCode	Pages	RefNum	CreateDate	Date	DocumentType
1	TIF		2360	4	191-A	7/22/2009 9:25PM	2/15/1975 12:00AM	FIELD ORDER
2	TIF		2360	4	191-A-1	7/22/2009 9:25PM	10/15/1975 12:00AM	FIELD ORDER
3	TIF		2360	3	191-A-2	7/22/2009 9:25PM	4/13/1976 12:00AM	FIELD ORDER
4	TIF	CV RA SUYY	2360	1	191-A-3	8/28/2009 12:23PM	4/20/1976 12:00AM	SURVEY PLATS
5	TIF		2360	4	191-A-3	7/22/2009 9:25PM	7/27/1976 12:00AM	FIELD ORDER
6	TIF	CV RA SUB	2360	1	191-A	8/28/2009 12:50PM	9/1/1976 12:00AM	SURVEY PLATS
7	TIF		2360	4	191-A-4	7/22/2009 9:25PM	2/3/1977 12:00AM	FIELD ORDER
8	TIF		2360	3	191-A	8/19/2009 1:35PM	10/13/1981 12:00AM	FIELD ORDER SUPPLEMENT
9	TIF		2360	4	191-A-5	7/22/2009 9:25PM	2/22/1983 12:00AM	FIELD ORDER
10	TIF		2360	4	191-A-6	7/22/2009 9:25PM	12/18/1984 12:00AM	FIELD ORDER
11	TIF		2360	3	191-A-7	7/22/2009 9:25PM	6/21/1994 12:00AM	FIELD ORDER
12	TIF		2360	4	191-A-8	7/22/2009 9:25PM	6/21/1994 12:00AM	FIELD ORDER
	TIF		2360	4	191-A-9	7/22/2009 10:53PM	9/13/1994 12:00AM	FIELD ORDER
			2360	4	191-A-10	7/22/2009 9:25PM	9/13/1994 12:00AM	FIELD ORDER
			2360	4	191-A-11	7/22/2009 9:25PM	9/13/1994 12:00AM	FIELD ORDER
			2360	4	191-A-12	7/22/2009 10:53PM	11/15/1994 12:00AM	FIELD ORDER
			2360	2	191-A	8/19/2009 1:35PM	12/28/1994 12:00AM	FIELD ORDER SUPPLEMENT
			2360	4	191-A-13	7/22/2009 9:25PM	3/14/1995 12:00AM	FIELD ORDER
			2360	4	191-A-14	7/22/2009 9:25PM	6/27/1995 12:00AM	FIELD ORDER
			2360	4	191-A-15	7/22/2009 11:17PM	9/19/1995 12:00AM	FIELD ORDER

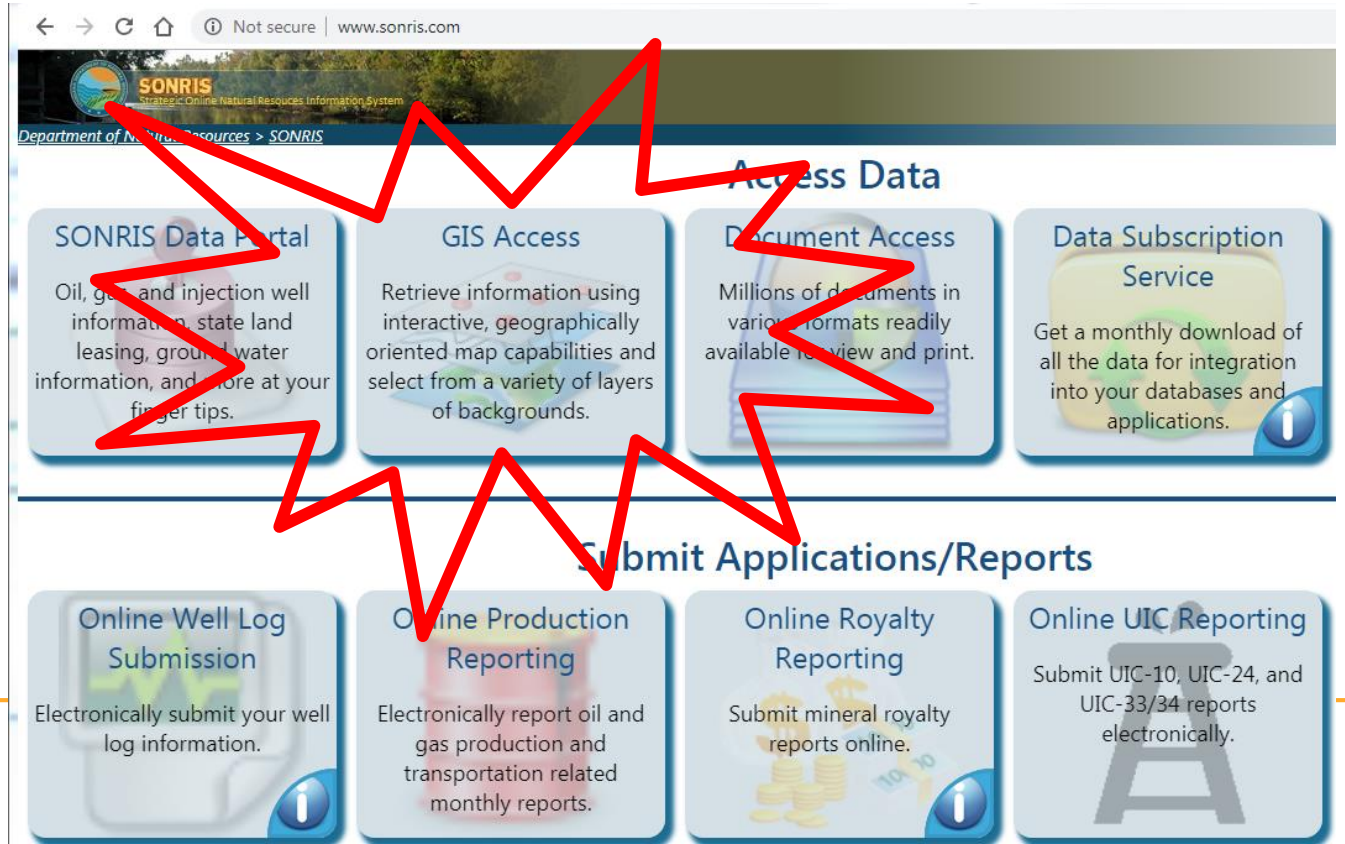
SONRIS – Document Access

- To view all options alphabetically, select Document Type, then select preferred criteria



SONRIS - GIS

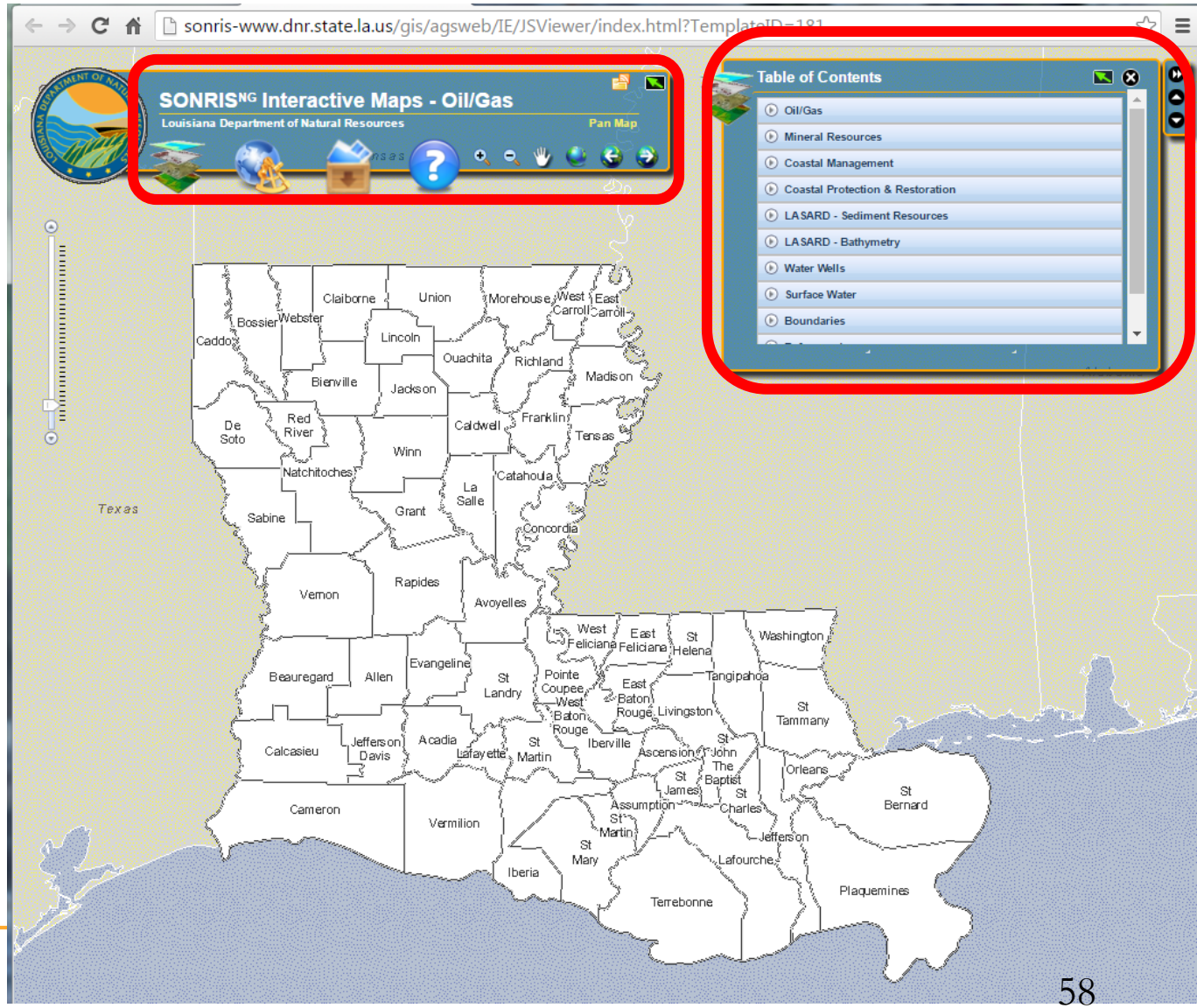
- Interactive map with many detailed layers
- Great tool to spatially identify information
- Wells without coordinates do not plot; as such, always cross check with IDR, Lite, and Document Access



SONRIS - GIS

- Works well in Chrome

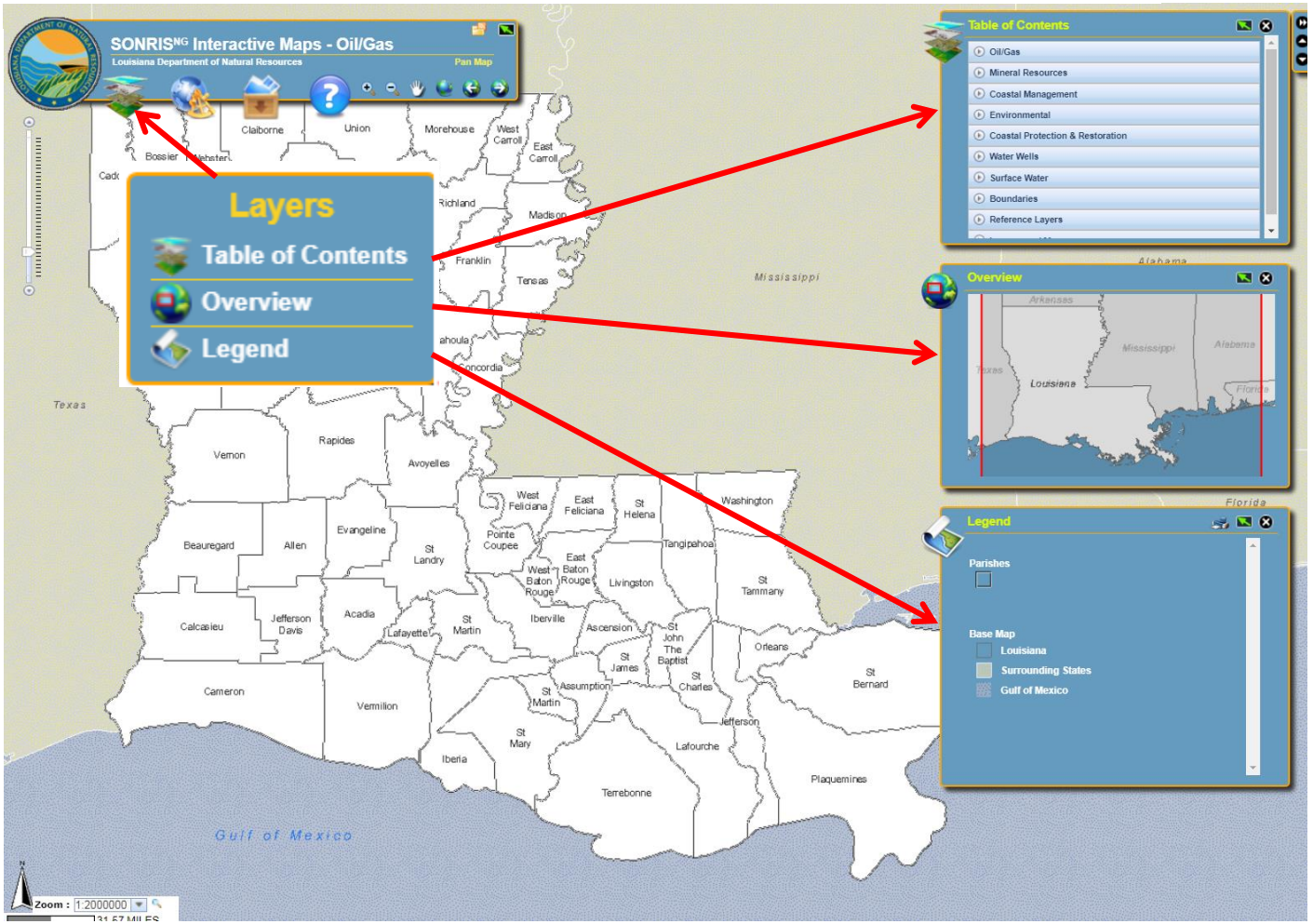
- Two main components:
  - Interactive Maps Menu
  - Table of Contents



SONRIS - GIS

Interactive Menu

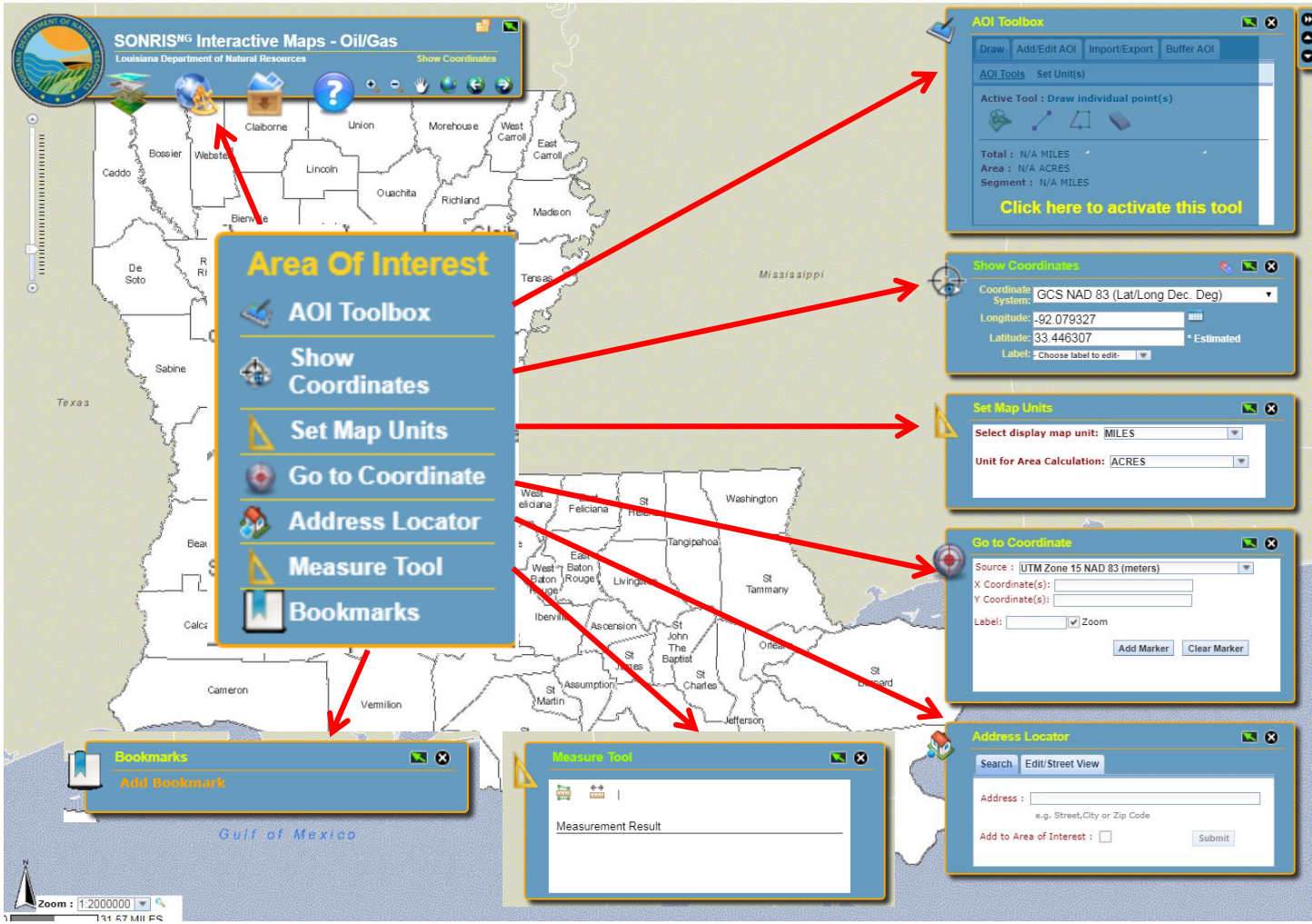
- Layers
  - Table of Contents – turns view on or off
  - Overview – displays State overview map
  - Legend – turns view on or off; displays legend of activated layers



SONRIS - GIS

Interactive Menu, continued

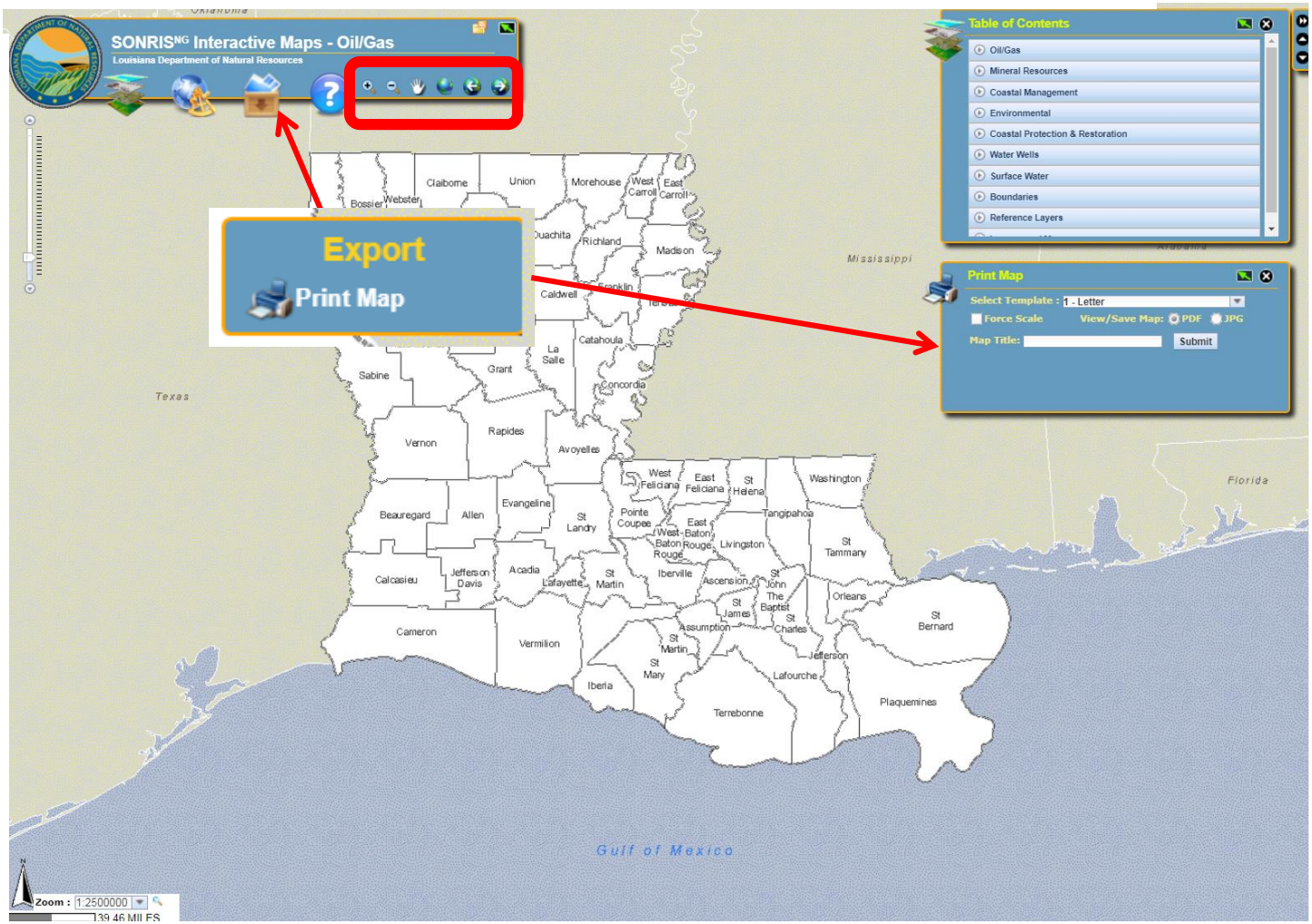
- Area of Interest
  - See AOI Toolbox video tutorial
  - Bookmarks – saves a view of the map for users to return to later



SONRIS - GIS

Interactive Menu, continued

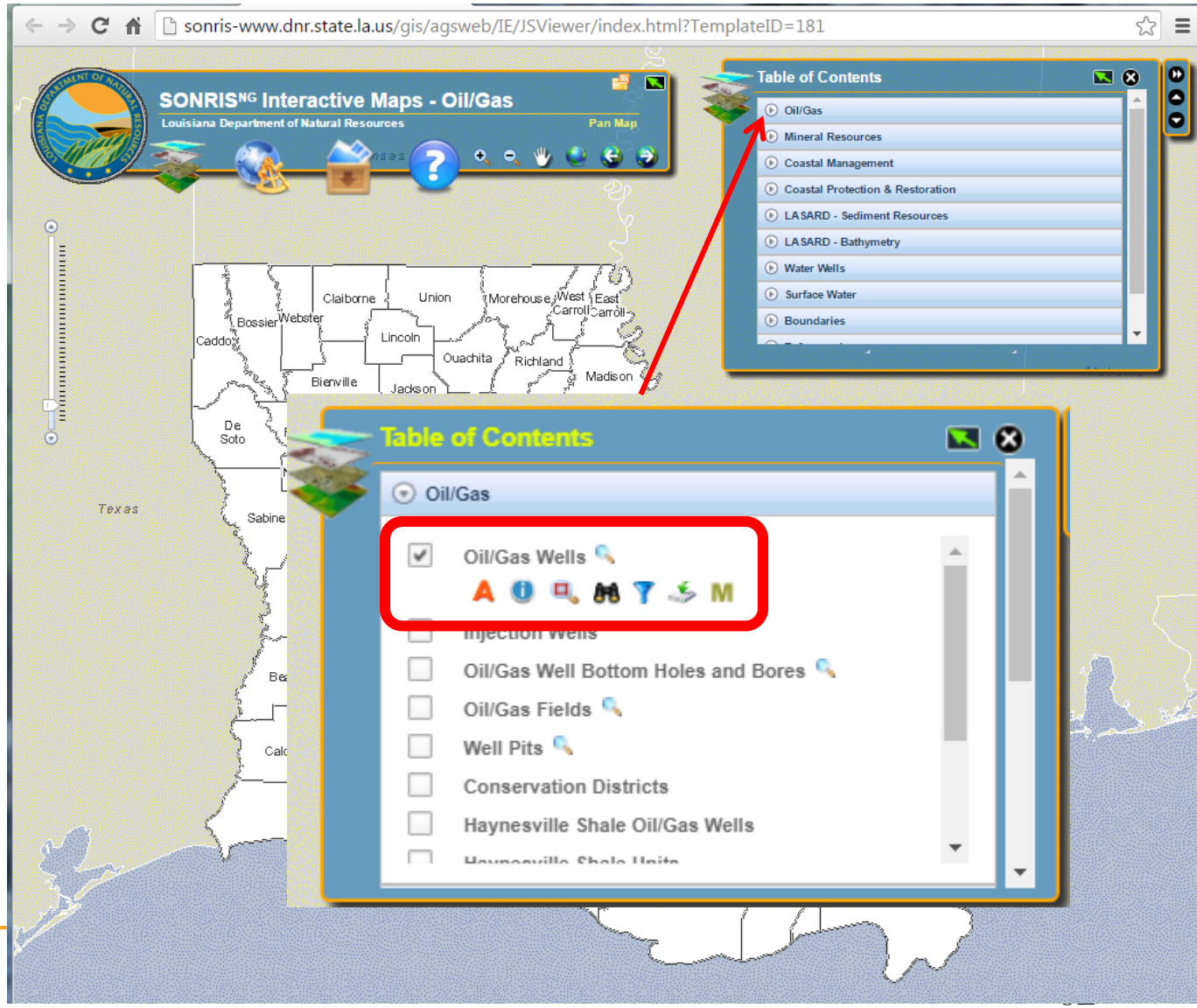
- Export – exports current view to PDF or JPG
- Navigation
  - Zoom in
  - Zoom out
  - Pan
  - Return to home
  - Last extent
  - Next extent



SONRIS - GIS

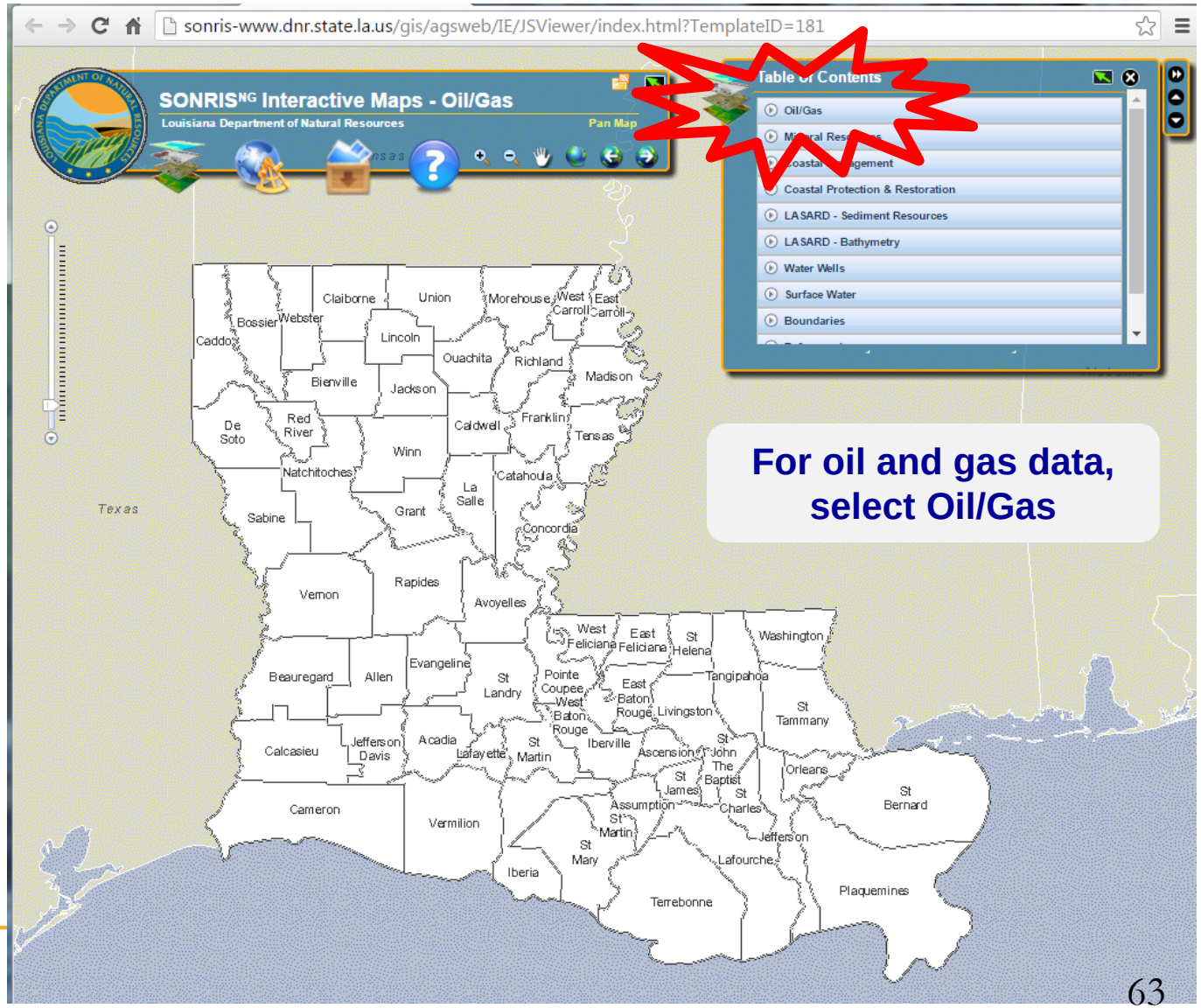
Table of Contents

- Layer Features
  - Layer on
  - Layer off
  - Labels on
  - Labels off
  - Identify
  - Select by rectangle
  - Search by criteria
  - Filter
  - Export data
  - Metadata



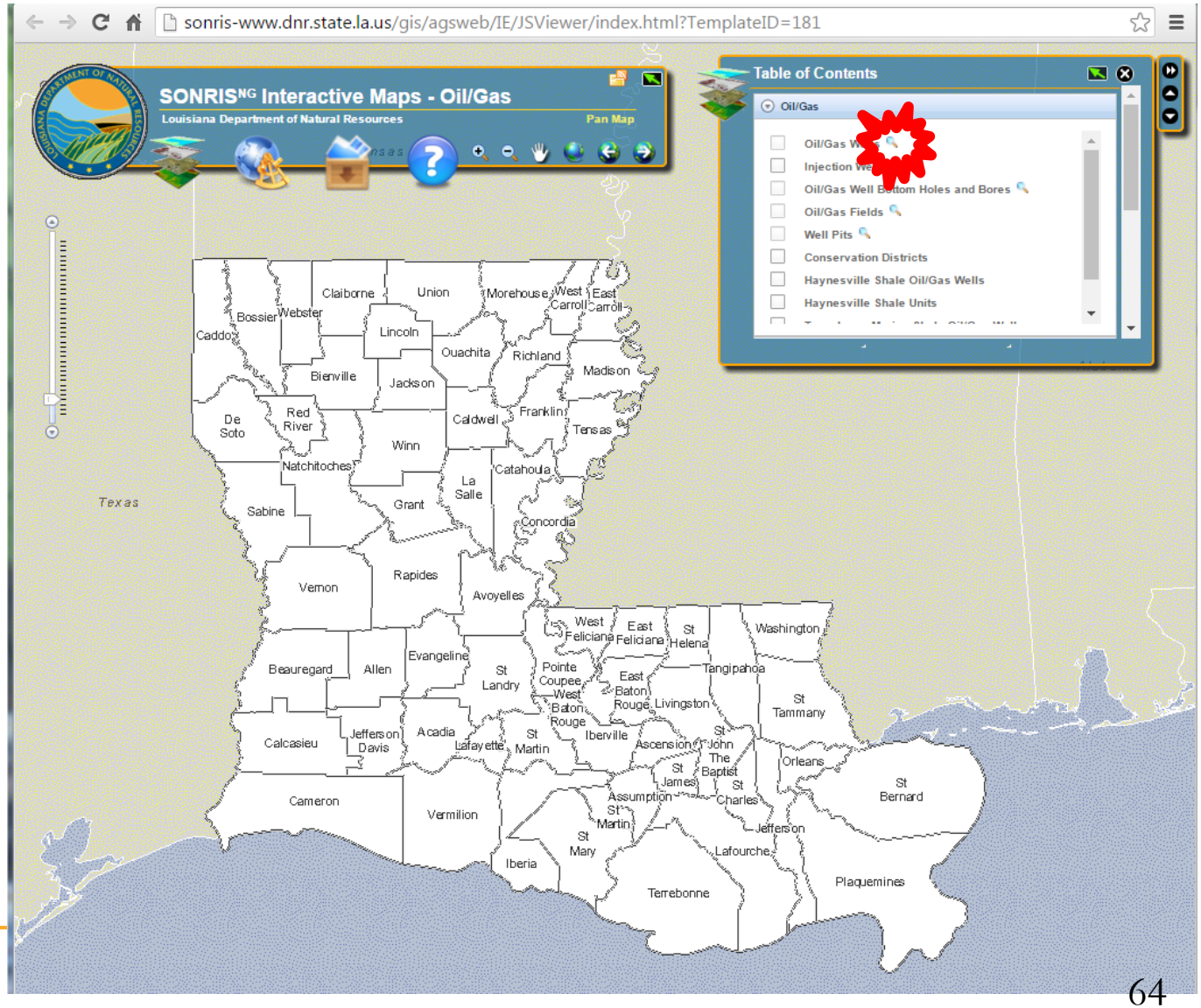
SONRIS - GIS

- Works best in Chrome



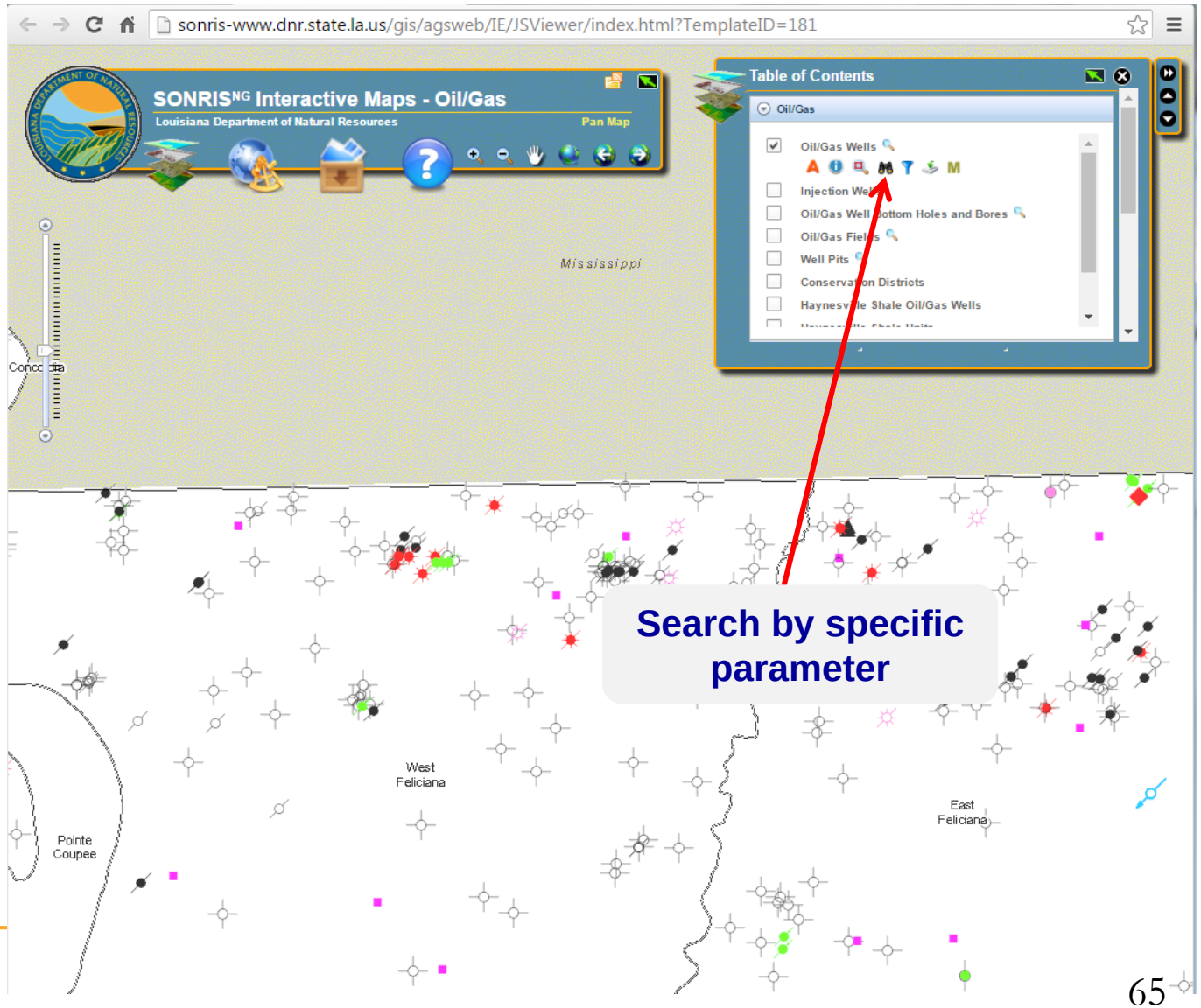
SONRIS - GIS

- Some layers require the map to be zoomed in before they can be displayed. Select the magnifying glass to zoom.

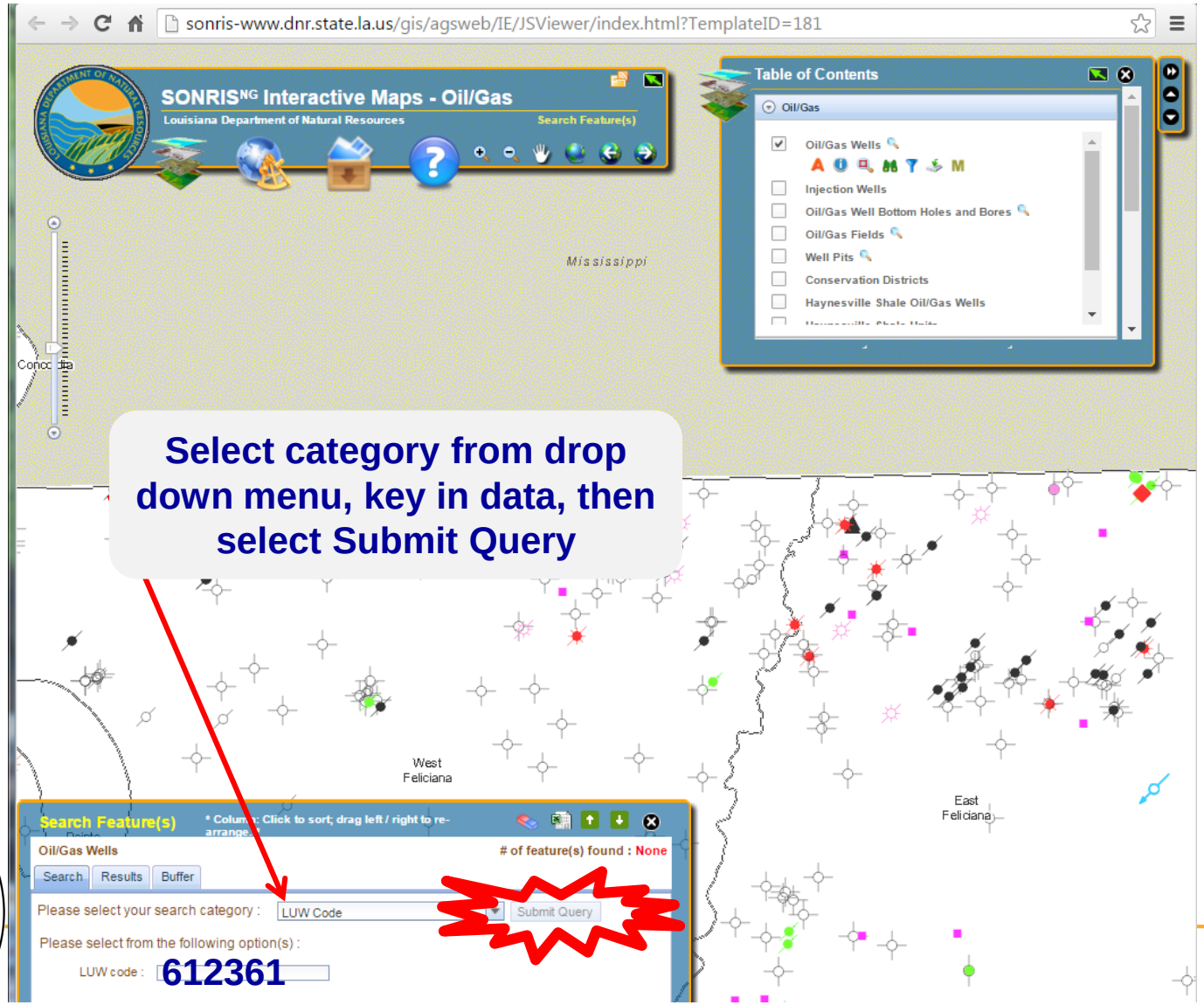


SONRIS - GIS

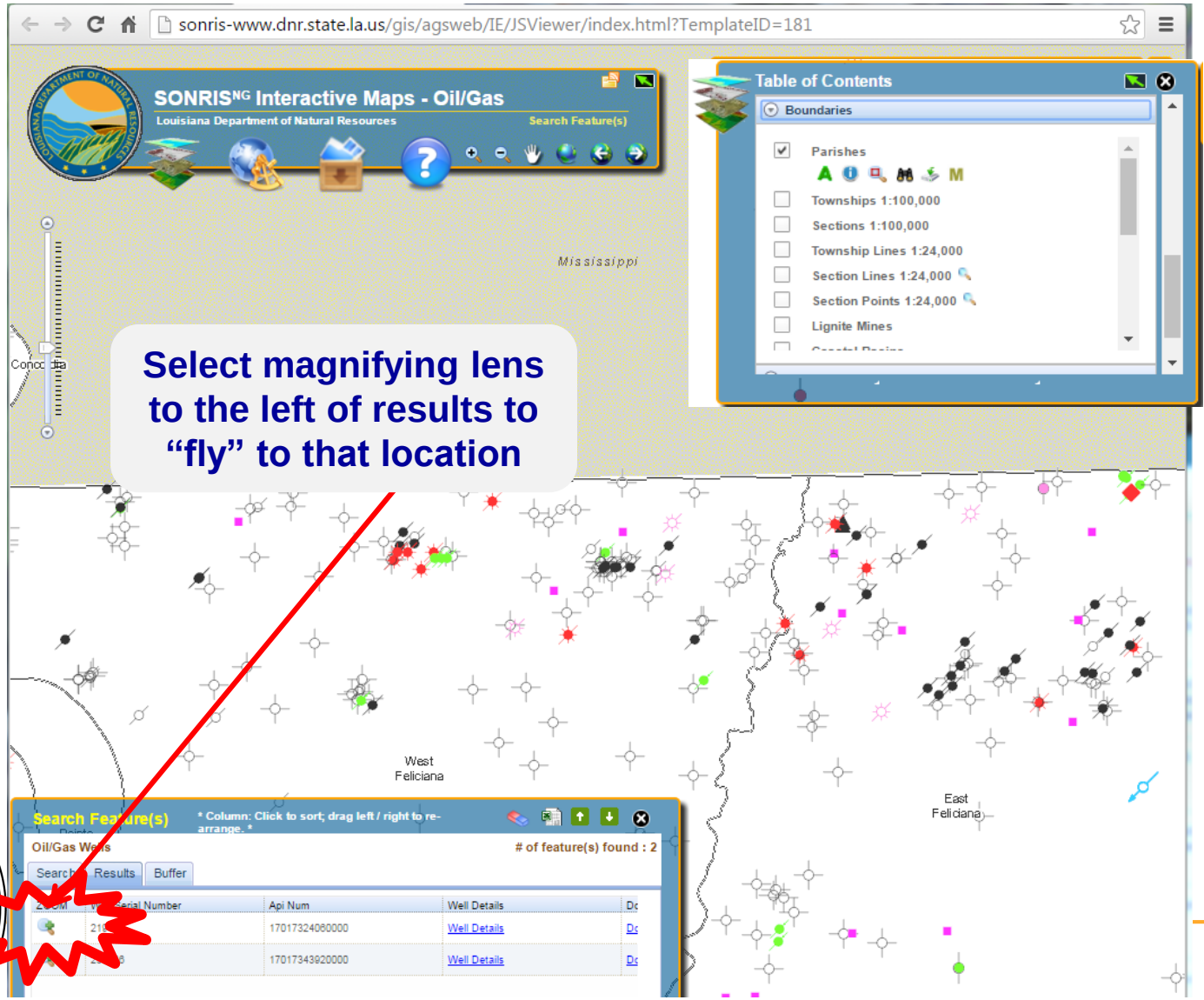
- To search by specific parameter, select binoculars in layer of interest



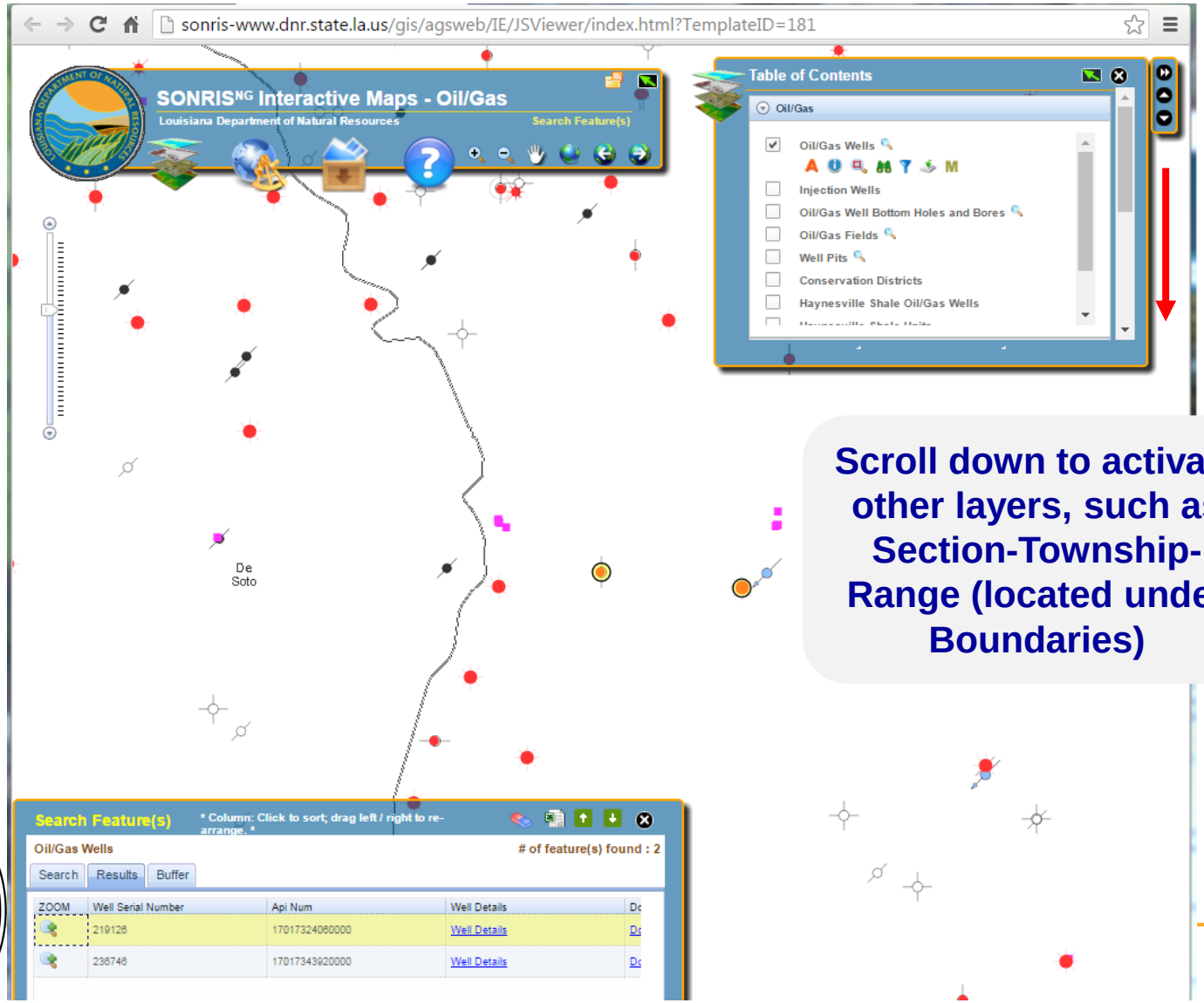
SONRIS - GIS


sonris-www.dnr.state.la.us/gis/agsweb/IE/JSViewer/index.html?TemplateID=181
SONRIS NG Interactive Maps - Oil/Gas
Louisiana Department of Natural Resources
Search Feature(s)
Table of Contents
Oil/Gas
Oil/Gas Wells
Injection Wells
Oil/Gas Well Bottom Holes and Bores
Oil/Gas Fields
Well Pits
Conservation Districts
Haynesville Shale Oil/Gas Wells
Mississippi
Concordia
Select category from drop down menu, key in data, then select Submit Query
West Feliciana
East Feliciana
Search Feature(s)
Oil/Gas Wells
# of feature(s) found : None
Search
Results
Buffer
Please select your search category :
LUW Code
Submit Query
Please select from the following option(s) :
LUW code :
612361

SONRIS - GIS

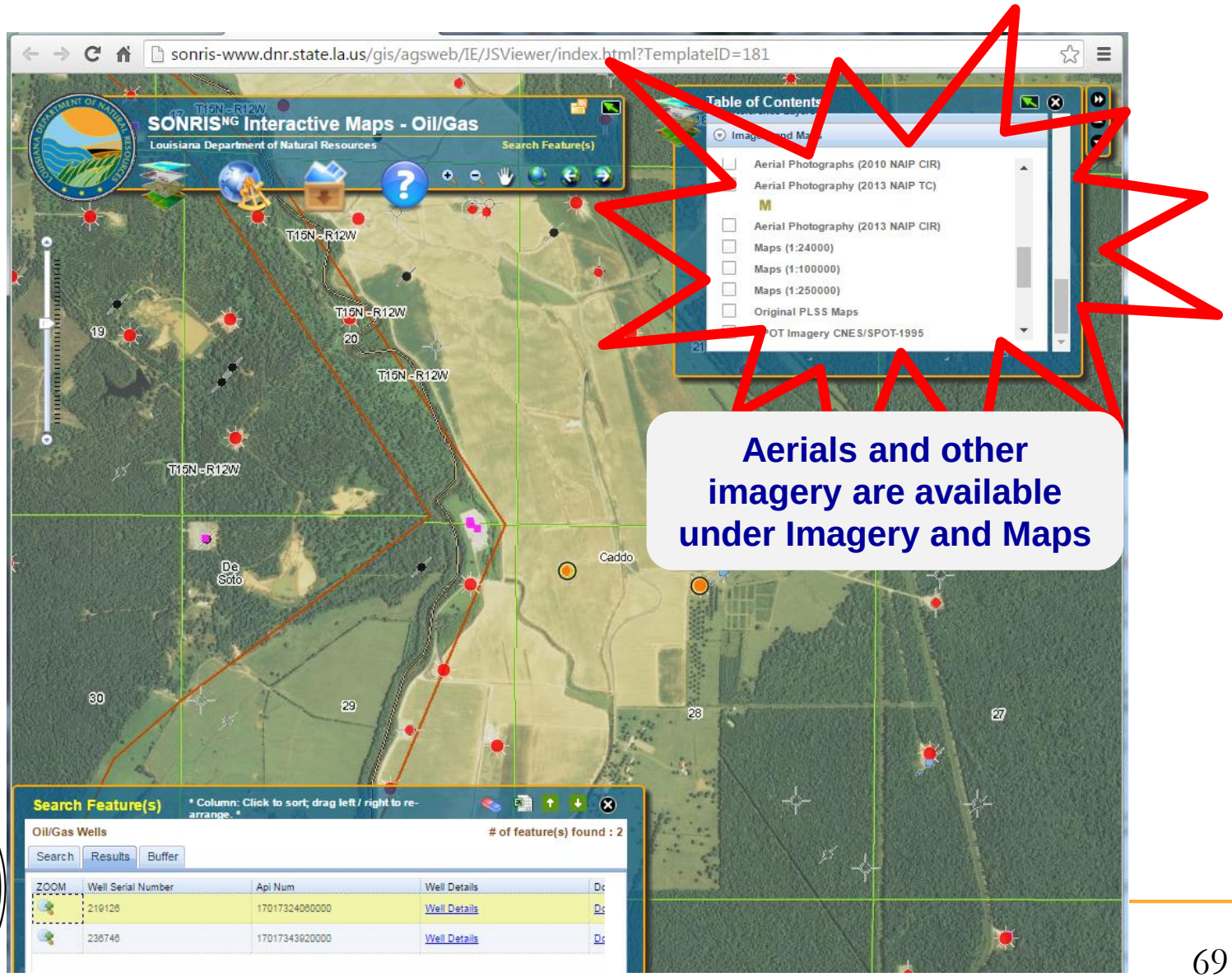

sonris-www.dnr.state.la.us/gis/agsweb/IE/JSViewer/index.html?TemplateID=181
SONRIS^NG Interactive Maps - Oil/Gas
Louisiana Department of Natural Resources
Search Feature(s)
Table of Contents
Boundaries
Parishes
Townships 1:100,000
Sections 1:100,000
Township Lines 1:24,000
Section Lines 1:24,000
Section Points 1:24,000
Lignite Mines
Mississippi
Concordia
Select magnifying lens to the left of results to "fly" to that location
West Feliciana
East Feliciana
Search Feature(s)
* Column: Click to sort; drag left / right to re-arrange. *
Oil/Gas Wells
# of feature(s) found : 2
Search
Results
Buffer
Api Num
Well Details
17017324060000
17017343920000
Well Details

SONRIS - GIS



Scroll down to activate other layers, such as Section-Township-Range (located under Boundaries)

SONRIS - GIS



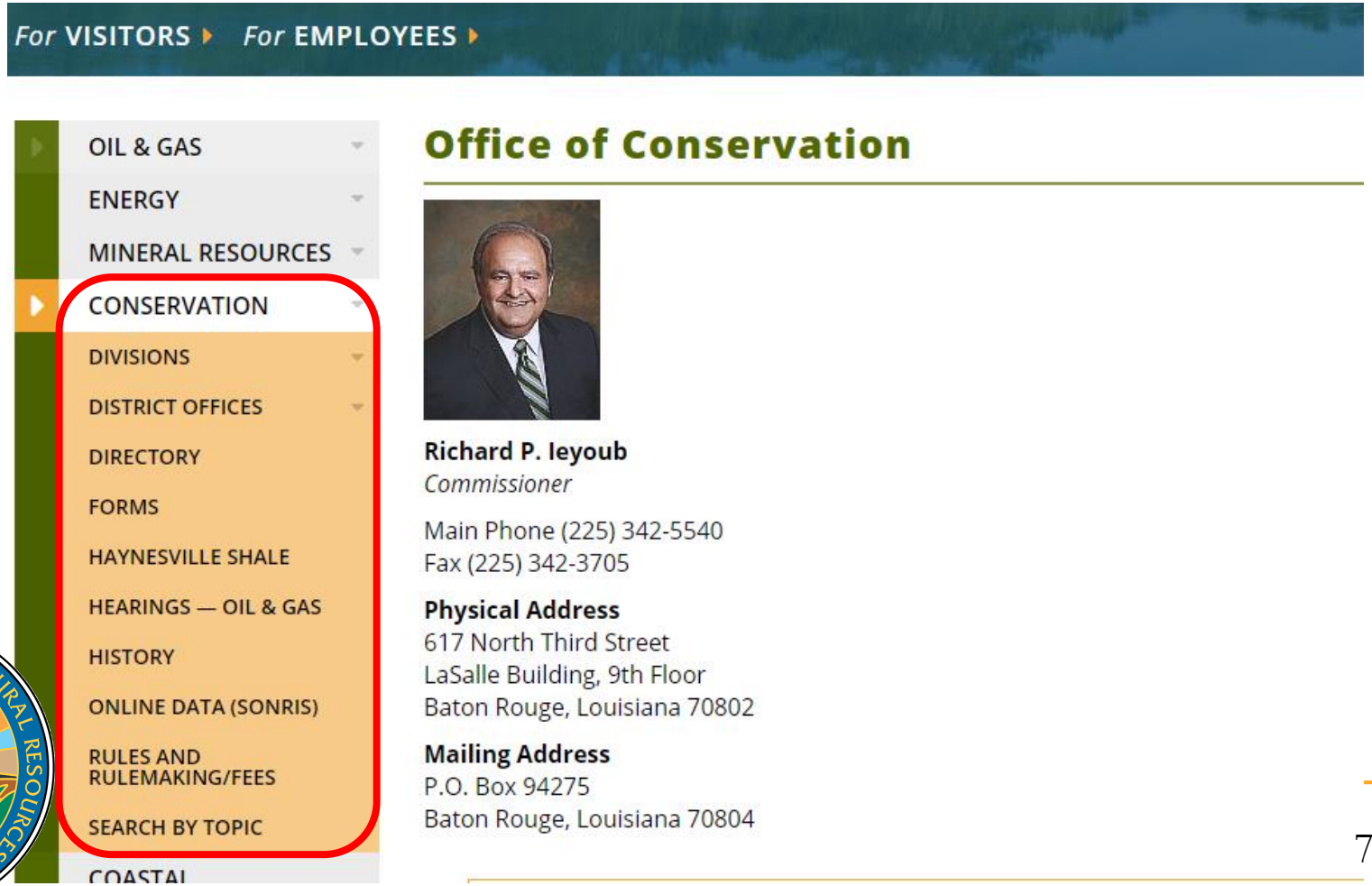
Aerials and other imagery are available under Imagery and Maps

More Information

- www.dnr.louisiana.gov, then select Conservation

More Information

- Scroll down for links to our Directory, Forms page, and Hearings schedule



More Information

- Select Divisions, Engineering Administrative, Permits and Reservoir

Questions?

Please contact the Permits Section or Well Files for more information! Thank you!

www.dnr.louisiana.gov/consdirectory