

SRCN2000 - Maintain Field

Original Help summary - The MAINTAIN FIELD form can be used to create, retrieve, and update of mineral producing fields. Fields are located via the assignment of Parishes. Fields are administered via the assignment of Office of Conservation employees as field agents (CES). Fields are defined by the sands/reservoirs that they are comprised of.

The screenshot shows the 'SRCN2000 - Maintain Field' web application. The form is titled 'Field' and is divided into several sections. The top section contains input fields for 'Field ID', 'Field Name', 'Previous Field ID', 'District', 'Area', and 'API Offshore Area'. There is also a 'Comments' text area and a 'Units Exist' checkbox. Below these fields are four buttons: 'Alt Wells', 'Discovery Data', 'Field Sands', and 'Black Books'. The next section is 'Field Parishes', which includes a table with columns for 'Field Name' and 'Parish'. The following section is 'Field Agents', which includes a table with columns for 'Effective Date', 'End Date', 'Field Name', and 'Field Agents'. The final section is 'Field Analysts', which includes a table with columns for 'Effective Date', 'End Date', 'Field Name', and 'Field Analyst'. The form is displayed in a web browser window with the title 'SRCN2000 - Maintain Field 01/24/2022 04:55 PM'.

Alt Wells – mechanism for Permits Section to maintain alternate well and Field Order relationships. Discussed in detail on following pages.

Discovery Data – self explanatory

Field Sands – sands in Field based on completions/recompletions.

Black Books – unitization details for Field. Discussed in detail on following pages.

Field Parishes include Parishes associated with the Field by well and/or LUW association.

Field Agents are the CES agents assigned to the Field. This relationship is 1:1 for Lafayette District Fields (maintained via manual update). Monroe and Shreveport District Field Agent assignment is based on a shapefile and in some Fields, more than one agent is assigned to a Field.

Field Analysts are the Production Audit staff members assigned to the Field.

Maintaining Blackbooks in SONRIS

Log in to SONRIS (internal desktop application). Select *Conservation (E and G) > fields > Maintain Field*



Users must have the role con_eng_field or con_eng_admin to modify and create records. Key in Field ID (1464 as an example), then select F8 (or the execute query icon).



Note- use the [Field Order Index cartridge](#) to determine the Field ID or query the name within the form. % is used as a wildcard. Toggle through records by selecting the up/down arrow keys.



Maintaining Blackbooks in SONRIS – User Guide

Select *Black Books*.

The screenshot shows the 'Field' maintenance interface. At the top, there are input fields for 'Previous Field ID' (0107), 'District' (6 SHREVEPORT), 'Area' (1 ONSHORE), and 'API Offshore Area'. Below these is a checkbox labeled 'Units Exist' which is checked. At the bottom, there are three buttons: 'Discovery Data', 'Field Sands', and 'Black Books'. An orange arrow points to the 'Black Books' button.

Existing records from UCM spreadsheets have been parsed and inserted into the tables. Records are sorted by effective date descending, Order number descending.

The screenshot shows the 'Black Books' table in the SONRIS system. The table has columns for 'Effective Date', 'Order Num', 'Docket Num', 'Org Id', and 'Applicant Name'. The data is sorted by effective date descending. Below the table is a 'Blackbook Comments' section with a text area containing the following text: '21-210 and 21-211 - INDIGO MINERALS LLC - Order granting exception to the Office of Conservation single operator policy and concerning the designation of operators of wells for CV RA SUMM.'

Effective Date	Order Num	Docket Num	Org Id	Applicant Name
06/08/2021	289-J-252	21-210 & 21-211		
06/08/2021	289-J-253	21-210 & 21-211		
06/08/2021	289-R-236	21-212 & 21-213		
06/08/2021	289-R-235	21-145 - 21-147		
04/13/2021	289-R-234	21-102 - 21-104		
01/12/2021	289-R-233	21-11 & 21-12		

New records are created by selecting a cell in the top block, then selecting F6 (or the insert record icon).

The screenshot shows the 'Black Books' table in the SONRIS system. The table has columns for 'Effective Date', 'Order Num', and 'Docket Num'. The data is sorted by effective date descending. An orange arrow points to the 'Effective Date' cell in the first row (06/08/2021).

Effective Date	Order Num	Docket Num
06/08/2021	289-J-252	21-210 & 21-211
06/08/2021	289-J-253	21-210 & 21-211

Maintaining Blackbooks in SONRIS – User Guide

A new, blank row is created.

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Strategic Online Natural Resources Information System

Field ID Field Name

Black Books		
Effective Date	Order Num	Docket Num
06/08/2021	289-J-252	21-210 & 21-211
06/08/2021	289-J-253	21-210 & 21-211
06/08/2021	289-R-236	21-212 & 21-213
06/08/2021	289-R-235	21-145 - 21-147
04/13/2021	289-R-234	21-102 - 21-104

Blackbook Comments:

Key in effective date, Order Number, Docket Number (if many, separate with comma), Applicant Name, and Blackbook Comment. Note- if the Applicant is an existing operator, key in the Organization ID then select tab to populate the Applicant Name.

Field ID Field Name

Black Books					
Effective Date	Order Num	Docket Num	Org Id	Applicant Name	
06/08/2021	289-J-252	21-210 & 21-211			
09/21/2021	289-J-254	21-232, 21-233	A1760	AETHON ENERGY OPERATING LLC	
06/08/2021	289-J-253	21-210 & 21-211			
06/08/2021	289-R-236	21-212 & 21-213			
06/08/2021	289-R-235	21-145 - 21-147			
04/13/2021	289-R-234	21-102 - 21-104			

Blackbook Comments:

Order concerning permission to drill, designate and utilize two (2) cross unit horizontal wells as alternate unit wells for HA RA SU56, HA RA SU57 and HA RA SU61, at exceptional locations.

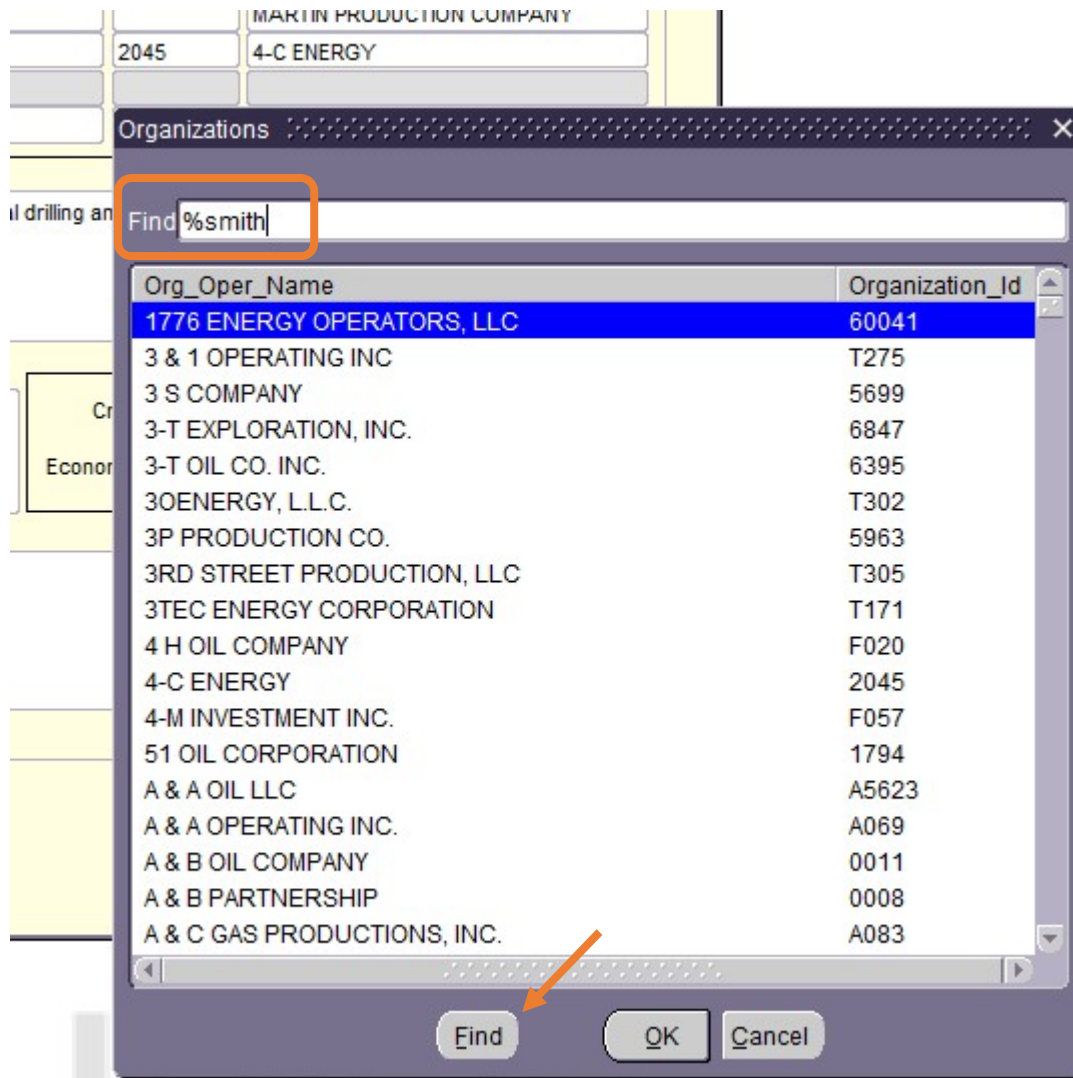
To look up the Organization ID, place the cursor in the Org ID field...

Field ID Field Name

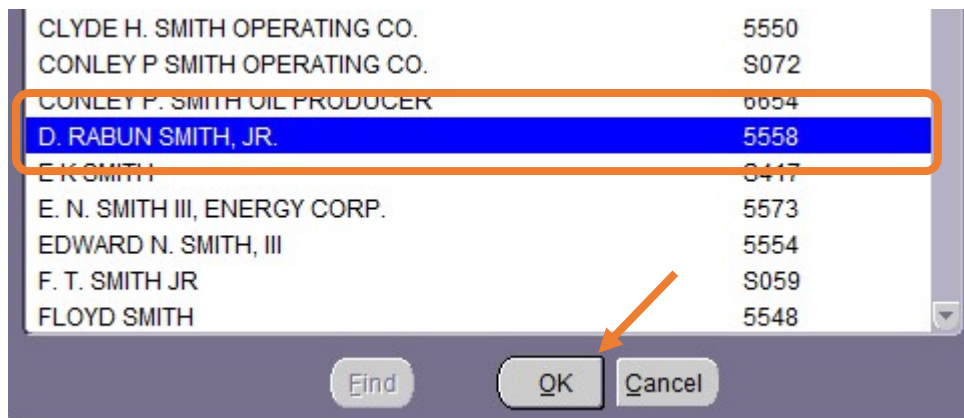
Black Books					
Effective Date	Order Num	Docket Num	Org Id		
10/12/2021	122-K-8 TEST	21-10		STATE O	
03/07/2019	122-K-7	19-105		MARTIN F	
12/11/2018	122-K-6	18-662		MARTIN F	
06/08/2018	122-K-1 SUPP		2045	4-C ENER	
07/06/2017	122-C-8	17-339			
08/23/2016	122-23	16-360 & 16-361			

Maintaining Blackbooks in SONRIS – User Guide

...select F9; a modal displays with available values. Key in a portion of the name, then select *Find*.



Select the appropriate applicant (if the applicant exists in the table), then *Ok*.



Maintaining Blackbooks in SONRIS – User Guide

The Organization ID populates in the field, and selecting Tab populates the Applicant Name.

18-662		MARTIN PRODUCTION COMPANY
	2045	4-C ENERGY
17-339	5558	D. RABUN SMITH, JR.
16-360 & 16-361		

Select F10 (or the save icon) to save the data.

The screenshot shows the 'SRCN2000 - Maintain Field' window. The 'Black Books' section is visible, with the following data:

Effective Date	Order Num
06/08/2021	289-J-252

Corrections should be entered as a new record with CORR appended to the Order number. Supplements should end with SUPP. Examples – 1053-A-5 CORR 191-A SUPP

If multiple corrections are required, append numbers to the record. Example – 1053-A-5 CORR

1053-A-5 CORR 2 1053-A-5 CORR 3

If a new record is created in error, select *Record > Clear* to exit.

The screenshot shows the 'SRCN2000 - Maintain Field' window with the 'Record' menu open. The menu options are:

- Previous
- Next
- Scroll Up
- Scroll Down
- Insert
- Remove
- Lock
- Duplicate
- Clear

Blackbook records with Order Status “In Review” display in the Field Cartridge and an IDR query, “Blackbooks – Field Order Index.” The IDR query is accessed via www.sonris.com > SONRIS Data Portal > Well Information, and is also hyperlinked to Field ID within many cartridges. The data is in SONRIS table FIELD_ORDER_DETAILS.

Maintaining Blackbooks in SONRIS – User Guide

New records default to Order Status “In Review.” Records designated as “In Review” do not display in the public queries. Once the Order is signed, Engineering staff (currently Lisa) will change to “Signed” during distribution of the Orders.

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Field ID Field Name

Black Books	Effective Date	Order Num	Docket Num	Org Id	
	10/12/2021	122-K-8	21-10		STATE OF
	03/07/2019	122-K-7	19-105		MARTIN PF
	12/11/2018	122-K-6	18-662		MARTIN PF
	06/08/2018	122-K-1 SUPP			
	07/06/2017	122-C-8	17-339		
	08/23/2016	122-23	16-360 & 16-361		

Blackbook Comments

19-105 - MARTIN PRODUCTION COMPANY - Order concerning the redefinition of the Jolley Lime INSO FAR AND ONLY INSO FAR as J SU8 is permission to designate and utilize a substitute unit well at an exceptional location for J SU8.

Order Status Signed

Product

Unit Type

Spacing

Critical Date

Economic Impact

Field Order Template Maintenance – Not yet published

The Order Types fields are utilized for the Field Order Template Query. Select items in this area if a Word version of the Order is uploaded to UCM.

Type	Description	Comments (ctrl-E)

To view available types, place cursor in “Type” field then select F9. The available list of values display.

Order_Typ...	Description
EL	EXCEPTIONAL LOCATION
CR	CREATE UNIT
TEST	TEST
CO	CONFIRM
COO	CHANGE OF OPERATOR
E	ENGINEERING
PTBR	PROBLEMS TO BE RESOLVED
RPOD	REVISED PLAN OF DEVELOPMENT
UT	UNIT TERMINATION
CU	CROSS UNIT
MTBC	MISC. TO BE CATEGORIZED
RLO	RESCINDED 29-L ORDERS

Note- the Order Type list of values is maintained in *Conservation (E and G) > engineering codes > Maintain Field Order Code Tables* under the Order Type Codes tab:

Order Type Code	Description
EL	EXCEPTIONAL LOCATION
CR	CREATE UNIT
TEST	TEST
CO	CONFIRM
COO	CHANGE OF OPERATOR
E	ENGINEERING
PTBR	PROBLEMS TO BE RESOLVED
RPOD	REVISED PLAN OF DEVELOPMENT
UT	UNIT TERMINATION
CU	CROSS UNIT

Field Order Template Query – User Guide

The Comments field can be expanded to display additional text if larger than field by placing your cursor in the field and selecting CTRL E. Comments in this field display in the Field Order Template Query.

Order Types		
Type	Description	Comments (ctrl-E)
CR	CREATE UNIT	

The Field Order Template Query is an interactive tool that displays Orders with the equivalent Order Types selected. The tool is embedded in a Covalent webpage. Orders “In Review” will not display.

Field Order Template Query

Utilize the filter panel on the left to identify uploaded Field Order templates in Word format.

Select Order Types	Field ID	Field Name	Effective Date	Order Number	Docket Number	TYPE	COMMENTS	Documents URL
<input type="checkbox"/> AOSRP-APPROVAL OF SECONDARY RECOVERY PROJECT	2360	CASPIANA	09/21/2021	191-H-280	21-297 - 21-299	EL-EXCEPTIONAL LOCATION		Order Documents
<input type="checkbox"/> ASP-AMENDING SPACING PROVISIONS	2360	CASPIANA	10/05/2021	191-A-297	21-318 & 21-319	EL-EXCEPTIONAL LOCATION		Order Documents
<input type="checkbox"/> AUW-ALTERNATE UNIT WELLS	2360	CASPIANA	08/17/2021	191-C-31	21-261	CR-CREATE UNIT		Order Documents
<input type="checkbox"/> C-CSNG	0011	ABBEVILLE	08/24/2021	155-GGGG	21-273	CR-CREATE UNIT		Order Documents
<input type="checkbox"/> CO-CONFIRM	0011	ABBEVILLE	01/08/2019	155-K-11	19-16	CO-CONFIRM		Order Documents
<input type="checkbox"/> COO-CHANGE OF OPERATOR	2360	CASPIANA	09/21/2021	191-H-280	21-297 - 21-299	CU-CROSS UNIT		Order Documents
<input type="checkbox"/> CR-CREATE UNIT	2360	CASPIANA	10/05/2021	191-A-297	21-318 & 21-319	CU-CROSS UNIT		Order Documents
<input type="checkbox"/> CTO-CORRECTION TO ORDER	2360	CASPIANA	09/21/2021	191-H-280	21-297 - 21-299	AUW-ALTERNATE UNIT WELLS		Order Documents
<input type="checkbox"/> CU-CROSS UNIT	0011	ABBEVILLE	08/24/2021	155-GGGG	21-273	AUW-ALTERNATE UNIT WELLS		Order Documents

As items are selected in the left pane, displayed results reduce based on the common selection.

Field Order Template Query

Utilize the filter panel on the left to identify uploaded Field Order templates in Word format.

Select Order Types	Field ID	Field Name	Effective Date	Order Number	Docket Number	TYPE	COMMENTS	Documents URL
<input type="checkbox"/> AOSRP-APPROVAL OF SECONDARY RECOVERY PROJECT	2360	CASPIANA	08/17/2021	191-C-31	21-261	CR-CREATE UNIT		Order Documents
<input type="checkbox"/> ASP-AMENDING SPACING PROVISIONS	2360	CASPIANA	08/17/2021	191-C-31	21-261	R-REDEFINITION		Order Documents
<input type="checkbox"/> AUW-ALTERNATE UNIT WELLS	0011	ABBEVILLE	08/24/2021	155-GGGG	21-273	CR-CREATE UNIT		Order Documents
<input type="checkbox"/> C-CSNG	3 rows returned. Max row limit=100000							
<input type="checkbox"/> CO-CONFIRM								
<input type="checkbox"/> COO-CHANGE OF OPERATOR								
<input checked="" type="checkbox"/> CR-CREATE UNIT								
<input type="checkbox"/> CTO-CORRECTION TO ORDER								

Selecting *Order Documents* displays UCM documents with same Order Number. Word versions of the Field Orders can be loaded to UCM to display in the results as a template for users.

Field Order Details

The additional fields on the Blackbooks form are intended to collect optional information regarding Orders.

Product - If primary product of unit(s) is gas and condensate, select "20 GAS." If primary product of unit(s) is oil and gas, select "10 OIL." If primary product of unit(s) is oil, gas, and condensate, leave product NULL.

Unit Type – Lookup table maintained in *Conservation (E and G) > engineering codes > Maintain Field Order Code Tables* under the Unit Type Codes tab

Spacing – Comment field to collect spacing summary for unit(s) or subject sand(s). Spacing should reflect distance from unit lines and between wells. If 29-E, key in "29-E."

Critical Date – Critical date of Order

Contested – Select if contested

Economic Impact – value of economic impact

TIFW – Test in Field waiver

Special Order – Order requiring specific items for Permit to Drill

Additional Internal Notes – Any pertinent notes to Order not included in Blackbook Comments. Comments in this field do not display in public Blackbooks query. Initial load of data includes UCM index values of Field Order documents that have the same Order Num and Effective Date.

Advanced – Link to form to key in associated Parish(es); Section(s), Township(s), Range(s) (aka STR); sand and unit names; definitions, correlations, etc.

Field Order Details – User Guide

Black Books		Order Num	Docket Num	Org Id	Applicant Name
Effective Date	10/07/1987	1235-B-8	87-450 - 87-459		

Blackbook Comments

87-450 thru 87-459 - Cities Service Oil & Gas Corporation - Order concerning the redesignation and redefinition of the Wilcox B, E, F, and G Zones, Reservoirs A and the establishment of rules and regulations and the creation of drilling and production units for the Wilcox B1, B2, E1, E2, F1, F2, G1 G2, and G3, Zones, Reservoirs A.

Order Status:

Product:

Unit Type:

Spacing

Critical Date:

Economic Impact:

☐ Contested
☐ TIFW
☐ Special Order

Additional Internal Notes

WX B1-G3 RA

Order Types

Type	Description	Comments (ctrl-E)

Advanced

Back

Selecting *Advanced...*

... yields multiple items. The first fields are Parishes and STR.

Parish Code		End Date
▲ 30 LASALLE ▼		
▼		

Comments

Township	Range	Sections	End Date
▲ 09N	01E	1, 12	
09N	02E	1-14	
09N	03E	6, 7, 18	
▼ 10N	02E	10-16, 22-36	

Comments

To enter additional Parishes, place your cursor in the End Date field of the next line (order of operations required due to list of values). Section, Township, and Range records are unique by Township and Range and the sort is End Date = Null, Township ascending, Range ascending. Please use leading 0s for single digits (ie, key in 9N as 09N for sorting purposes).

End Dates and Comments are available in the event a unit survey plat is submitted and reflects that the Parish(es) or STR(s) are not within the limits of the units. Example - Order No. 192-FF in Tigre Lagoon (8956) Field. Iberia and Vermilion Parishes displayed with hearing application, yet unit survey plat indicates unit is not within Iberia Parish. End date added to Iberia Parish effective date of unit survey plat.

LUWs are added via triggers from LUW History forms. Additional LUWs can be added manually.

Field Order Details – User Guide

Sands and associated wells display next. Sands are sorted by ascending create order. Definitions, correlations, etc. can be maintained in these fields. If the depth is not reached, leave the field null and include a comment in the comment field reflecting that the base is not reached.

Sands		
Sand	Reservoir	Unit Name
WILCOX B1 ZONE	A	SU1-582
WILCOX B2 ZONE	A	SU1-582
WILCOX G2 ZONE	A	SU1-582

Wells								
Serial Number	Well Name	MD Top	MD Bot	TVD Top	TVD Bot	Subsea Top	Subsea Bot	Well Type
123495	OL 2800 RA SU;LA CENTRAL O&G NO. A-65	2804	2842					D DEFINITION

Def Less And Except / Other Comment

LESS AND EXCEPT 2800' SAND, RESERVOIR A PER ORDER NO. 1235

The Well Type lookup table can be maintained in *Conservation (E and G) > engineering codes > Maintain Field Order Code Tables* under the Field Order Well Types tab. A comments field is available to include “less and except” descriptions or explanation/anecdotal information regarding log correlations.

Once sufficient data is loaded in these tables, queries can be generate for public use. The tables are available for internal use in DODA. View the ERD for table names to build queries.

Field Order Details – User Guide

The copy feature can be utilized to copy existing Sand, Reservoir, and associated well information. For instance, Order Number 1235-B-7's definition is based on Order 1235-B:

D E F I N I T I O N

The Wilcox G Zone, Reservoir A, in the Olla Field, LaSalle Parish, Louisiana, was fully defined in Office of Conservation Order No. 1235-B, effective January 1, 1986.

Query Order 1235-B-7, select *Advanced*, then select the Copy icon:

A list of values displays. Select the appropriate record...

Copy SAND

Find 1235-B%

Order_Num	Sand	Reservoir
1235-B	WILCOX A ZONE	A
1235-B	WILCOX B ZONE	A
1235-B	WILCOX C ZONE	A
1235-B	WILCOX D ZONE	A
1235-B	WILCOX E ZONE	A
1235-B	WILCOX F ZONE	A
1235-B	WILCOX G ZONE	A

...the sand info will be pasted into the form. Note the unit name will need to be manually added.

Alt Wells

Alt Wells is utilized by the Permits Section to track alternate unit wells associated with Orders prior to completions and afterwards. Users must have the role `con_eng_admin` to view the Alt Wells button, modify, and create records. Key in Field ID (7870 as an example), then select F8 (or the execute query icon). Select *Alt Wells*.

Field ID: Field Name: Previous Field ID: District Area: API Offshore:

Comments:

Existing records are grouped together by unit name and sorted by unit name ascending.

[illegible]

New records can be created by placing the cursor in an empty row, or selecting the *Insert Record* option. If the new record is similar to an existing record, create a new row beneath that record via *Insert Record...*

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Field ID Field Name

Unit	WSN	Well Name	Order Num	Order Eff	No
HA RA SU53	252636		1165-K-31	11/10/2020	4
HA RA SU53	252637		1165-K-31	11/10/2020	4
HA RA SU54	252637		1165-K-31	11/10/2020	4
HA RA SU54	252636		1165-K-31	11/10/2020	4

