

LUW Creation – Form Comp as Pertinent Source – Unit Basis

Identifying pertinent information

Unit LUWs created from Form Comp require permit or latest amendment record to collect pertinent information to create LUW. If pertinent information is not on permit/latest amendment, will need to do research.

Visit well file and pull latest permit or amendment record. Recommend accessing via Well Information cartridge – can access multiple resources via the cartridge. Direct path is below- last digits are well serial number parameter

http://sonlite.dnr.state.la.us/sundown/cart_prod/cart_con_wellinfo2?p_WSN=253446

Form Comp

1448	FIELD	Benton	JAN 06 2023	OC ORDER NO.	29B & 114-P
E6963	OPERATOR	Empresa Operating, LLC	OFFICE OF CONSERVATION	SIREVEPORT, LA	
	WELL NAME	CV RA SUA;Ellerbe 3-10 H	NO. 001	SERIAL NO.	253446
	RESERVOIR	Cotton Valley	12/16/2022	8:00	
	COMPLETION DATE				
	TIME				

Well Information cartridge

Well Information

Well serial number in Well Information cartridge is link to well file

IMPORTANT:

IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN

REMARKS:

Review Well Information

COMPLETION DATA

*TYPE COMPLETION

1 - ORIG. COMP
2 - RE-COMP.

PRIMARY PRODUCT

1 - OIL
2 - GAS
3 - DRY GAS

PRIMARY PRODUCT CHANGE?

1 - YES
2 - NO

PRODUCING MET

F - FLOW
GL - GAS
P - PUMP

* IF THIS IS A RE-COMPLETION SPECIFY:

SAME RESERVOIR

DIFFERENT RESERVOIR

120 BOPD
INITIAL PROD

1248 GAS VOLUME

MCF/DAY

PSIG

FLOWING TUBING PRESSURE

SHUT-IN TUBING PRESSURE

40 /B4

1 - POSITIVE
2 - ADJUST

4200 BPD

.01

10,400

WELLS

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	PARISH	PROD TYPE	SEC	TWN	RGE	EFFECTIVE DATE	API NUM
253446	CV RA SUA;ELLERBE 3-10 H	001	E6963	1448	08	00	003	20N	13W	10/12/2022	17015252660000

PRMT DATE SPUD DATE STAT DATE ST CD

05/10/2022 08/26/2022 10/12/2022 31

WELL SURFACE COORDINATES

Surface Longitude	Surface Latitude	Lambert X	Lambert Y	Ground Elevation	Zone	Datum
93-41-25.03	32-45-23.57	1634045	762233	204.1	N	NAD-27

WELL SURFACE COORDINATES GENERATED BY DNR

UTMX 83	UTMY 83	LONGITUDE 83	LATITUDE 83
435322.49735809	3624524.93873324	-93.69047195	32.7566956

BOTTOM HOLE COORD

EFFECTIVE DATE	END DATE	PLUGBACK TOTAL DEPTH	TRUE VERTICAL DEPTH	MEASURED DEPTH	LAT DEG	LAT MIN	LAT SEC	LONG
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Page 1 of 1. Search returned 4 documents.

Row	Alt View	Info	Document	Description	EntryDate	FieldCode	FieldName	OperationType	OperatorCode	Pages	RefNum	WellSerialNumber	Year	CreateDate	ContentID	ID	Date	DocumentType
1					5/17/2022 10:42 AM			1		6		253446	0	5/17/2022 11:51 AM	14019497	14029278	5/10/2022 11:49 AM	WELL PERMIT TO DRILL/AMEND
2									E6963		59847	253446	0	8/31/2022 10:11 AM	14100370	14110174	8/29/2022 12:00 AM	RESERVE PIT INSPECTION REPORT
3				WELL HISTORY	11/21/2022 9:34 AM					2		253446	0	11/21/2022 2:05 PM	14199849	14209523	10/12/2022 1:42 PM	WELL ENGINEERING/MECHANICAL
4				DIR SURVEY	11/9/2022 3:52 PM					23		253446	0	11/9/2022 3:56 PM	14186930	14196603	10/31/2022 3:54 PM	WELL ENGINEERING/MECHANICAL

Well file

LUW Creation, cont'd – Form Comp as Pertinent Source – Unit Basis

Well File Review

Latest Well Permit to Drill/Amend record prior to completion/recompletion date will have all or some of the information necessary to generate LUW. Similar to Well Information cartridge, well file can be accessed via the following path; last digits are well serial number

<https://ucmwww.dnr.state.la.us/ucmsearch/FindDocuments.aspx?idx=xwellserialnumber&va=253446>

Compare to well data well history to verify latest record- ie, could be another that has not been imaged yet.

1448	FIELD	Benton	JAN 06 2023	OC ORDER NO.	29B & 114-P
E6963	OPERATOR	Empresa Operating, LLC	OFFICE OF CONSERVATION SITREVEPORT, LA		
	WELL NAME	CV RA SUA; Ellerbe 3-10 H	NO. 001	SERIAL NO.	253446
	RESERVOIR	Cotton Valley	12/14/2022	8:00	
			COMPLETION DATE	TIME	
				X	
				AM	PM

	Date	DocumentType
8	5/10/2022 11:49 AM	WELL PERMIT TO DRILL/AMEND
4	8/29/2022 12:00 AM	RESERVE PIT INSPECTION REPORT
3	10/12/2022 1:42 PM	WELL ENGINEERING/MECHANICAL
3	10/31/2022 3:54 PM	WELL ENGINEERING/MECHANICAL

Enclosed please find an application from EMPRESA OPERATING LLC (E6963)

for permit to drill their CV RA SUA; ELLERBE 3-10H #001

BENTON Field, BOSSIER Parish.

Also enclosed please find:

Check No. ONLINE Inv.# 1249432 \$5,056.00 (2 WELLS)

X Certified well location plat

X Affidavit of compliance

Applicable Office of Conservation Order No. 114-P EFF. 04/25/2017, 29B-1

Remarks & Recommendations:

Well approved as the unit well location for CV RA SUA in Benton Field under Order 114-P, effective 4/25/2017.

No location shown on order to that of the attached plat for comparison. Perforation points further than

RECEIVED

MAY - 9 2022

OFFICE OF CONSERVATION
PERMIT SECTION

In this example, latest permit document prior to completion date is original permit to drill. LT1 notes do not contain crucial LUW information (some do and can be processed as per Amendment as Pertinent Source – Unit Basis, non HC guide).

Identify Order reference to verify effective date, product, Parish association, acreage, and unit survey plat

WELL HISTORY

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	ST CD	PT	WELL CLASS	EFF DATE
253446	CV RA SUA; ELLERBE 3-10 H	001	E6963	1448	10	20		12/14/2022
253446	CV RA SUA; ELLERBE 3-10 H	001	E6963	1448	31	00		10/12/2022
253446	CV RA SUA; ELLERBE 3-10 H	001	E6963	1448	01	00		05/10/2022

Note- well history records reflect no changes in well name, operator, or field since initial permit- justification that 5/10/2022 is latest permit record for well serial number

LUW Creation, cont'd – Form Comp as Pertinent Source – Unit Basis

Field Order Review

LT-1 and permit reflects Order. Might need to review multiple Orders- ie, one Order may grant authority for well to be in the unit, and another Order may be the creation order for unit survey plat review. Direct path to Field Orders and associated documents is below- last characters are Order Number







<https://ucmwww.dnr.state.la.us/ucmsearch/FindDocuments.aspx?idx=xrefnum&qtype=eq&val=114-P>

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Download Documents

Page 1 of 1. Search returned 2 documents.

Row	Alt View	Info	Document	Description	DistrictCode	DocketNum	FieldCode	FieldName	LuwCode	Pages	RefNum	Year	CreateDate	ContentID	ID	Date	DocumentType
1				CV RA SUA & SUB	6	17-233	1448	BENTON		3	114-P	0	5/4/2017 8:48 PM	5829049	12297655	4/25/2017 5:00 AM	FIELD ORDER
2				CV RA SUB			1448	BENTON	617986	1	114-P	0	4/16/2018 3:32 PM	6073656	12451497	2/16/2018 6:00 AM	SURVEY PLATS

Can also access via Blackbooks from well information cartridge – Field ID is link to Field Order index by field, aka Blackbooks. Order Number column is link to Order (results above) and any associated documents with same Order Number

Review Well Information

WELLS

SERIAL	WELL NAME	WELL NUM	ORG	D	FIELD	PARISH	PROD TYPE	S
253446	CV RA SUA;ELLERBE 3-10 H	001	E696		1448	08	20	0
PRMT DATE	SPUD DATE	STAT DATE	ST CD					
05/10/2022	08/26/2022	12/14/2022	10					

Black Books

Effective Date	Order Number	Docket Number	Applicant	
11/15/2022	114-P-7	22-552	EMPRESA OPERATING, LLC	22-552 - EMPRESAS OPERATING, LLC - Reservoir A, in the BENTON FIELD, E
10/04/2022	114-P-6	22-480	NEW DAWN OPERATING, LLC	Order concerning the creation of th
04/19/2022	114-P-5	22-163	EMPRESA OPERATING, LLC	Bossier Parish, Louisiana.
03/08/2022	114-P-4	22-84	EMPRESA OPERATING, LLC	Order concerning the creation of tw
04/22/2020	114-P-2	20-109	Empresa Operating LLC	Bossier Parish, Louisiana.
				20-109 - EMPRESAS OPERATING, LLC
				Zone, Reservoir A.

No Survey Plats document for subject CV RA SUA; will leave unit survey plat box (u) null

ORDER NO. 114-P

Order concerning the establishment of rules and regulations and the creation of two (2) drilling and production units for the **Cotton Valley Zone, Reservoir A**, in the **BENTON FIELD**, Bossier Parish, Louisiana.

Pursuant to power delegated under the laws of the State of Louisiana, and particularly Title 30 of the Louisiana Revised Statutes of 1950, and after a public hearing held under **Docket No. 17-233** in Baton Rouge, Louisiana, on **April 25, 2017**, upon the application of **EMPRESA ENERGY IV, LLC**, following legal publication of notice and notice in accordance with the Louisiana Administrative Code Title 43 Part XIX, Subpart 17, Chapter 39 as prescribed by the Commissioner of Conservation, the following Order is issued and promulgated by the Commissioner of Conservation as being reasonably necessary to conserve the natural resources of the State, to prevent waste as defined by law, to avoid the drilling of unnecessary wells, and otherwise to carry out the provisions of the laws of this State.

DEFINITION

The Cotton Valley Zone, Reservoir A, in the Benton Field, is hereby defined as being the stratigraphic equivalent of that gas and condensate bearing zone encountered between the depths of 7,635 feet and 9,114 feet (electrical log measurements) in the Empresa Energy IV, LLC - Hanks Heirs No. 3 Well (formerly the Samson Contour Energy E&P, LLC - Hanks No. 2 Well), located in Section 7, Township 20 North, Range 12 West, Bossier Parish, Louisiana.

Definition on page 1 reflects primary product

LUW Creation, cont'd – Form Comp as Pertinent Source – Unit Basis

Field Order Review

The last page of the text of a Field Order depicts the effective date.

herein, or which would indicate a required change or revision of other party or parties in possession of such additional information shall petition the Commission for a public hearing for the purposes of considering appropriate action.

Scrolling to the last page depicts a plat with unit acreage.

This Order shall be effective on and after April 25, 2017.

Note- if the unit encompasses multiple Parishes, all Parishes should be documented in Maintain LUW.

If there are any questions about type of LUW or LUW creation information, ask a Permits Engineer.

Pertinent info identified; select next available LUW from LUW spreadsheet. Verify not in use, update spreadsheet.

EXHIBIT NO. 1

DOCKET NO.

EMPRESA ENERGY IV, LLC

BENTON FIELD
BOSSIER PARISH, LOUISIANA

SRCN2010 - Maintain LUW 01/17/2023 03:36 PM

LUW Code 618422

LUW CODE

Survey Plat ☐ LUW Checked ☐ Creation Order Number

Survey Email Sent Reason for Email

Effective Date End Date

Product Type

Field ID

LUW Status ACTIVE Organization

Sand Reservoir Order Effective Unit

LUW History

LUW Name

Competitive Unit ☐ Cross-Unit Flag ☐

	A	B	C	D	E	F	G	H	I	J	K	
	FIELD CODE	COMPANY CODE	LUW CODE	UNIT/LEASE NAME	PARISH CODE	PARISH	COMPANY NAME	CREATION ORDER	REASON	DATE	INITIALS	ADDITIONAL I
92	1624	R249	618421	BB T RT SU;	12	CAMERON	Robertson Energy LLC	273-H-6	PINK	12/27/2022	PC	1/9/2023 c
93	1448	E6963	618422	CV RA SUA;	8	BOSSIER	EMPRESA OPERATING, LLC	114-p	COMP	1/17/2023	CW	
94			618423									

LUW Creation, cont'd – Form Comp as Pertinent Source – Unit Basis

Conservation (E and G) > fields > Maintain LUW

Key new LUW into SONRIS, save, then follow steps for LUW assignment.

SRCN2010 - Maintain LUW 01/24/2023 01:01 PM

Strategic Online Natural Resources Information System

LUW Code 618422 2 UNIT

LUW CODE

☐ Survey Plat ☐ LUW Checked

Creation Order Number 114-P

Survey Email Sent Reason for Email

Effective Date 12/14/2022 End Date

Product Type 20 GAS

Field ID 1448 BENTON

LUW History

LUW Name CV RA SUA;

☒ Competitive Unit ☐ Cross-Unit Flag

LUW Status ACTIVE Organization E6963 EMPRESA OPERATING, LLC

Sand CV Reservoir RA Order Num 114-P Effective Date 04/25/2017 Unit 960 Acreage

Effective Date End Date LUW Name

Product Type

Field ID

☐ Competitive Unit ☐ Cross-Unit Flag

LUW Status Organization

Sand Reservoir Order Num Effective Date Unit Acreage

Effective Date End Date LUW Name

Product Type

Field ID

☐ Competitive Unit ☐ Cross-Unit Flag

LUW Status Organization

Sand Reservoir Order Num Effective Date Unit Acreage

Associated Parishes Associated Wells

Effective Date	End Date	Parish	Name
12/14/2022		08	BOSSIER