



Production Reports With Pending Leases

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Purpose

The Oracle table export has been created in response to the Open Records Request for a table export from Oracle of the online Production Report Pending Data.

Oracle Export Information

Name of Schema	OPEN_RECORDS_USR
Tables Exported	pr_production_report, pr_pending_lease
Export Format	Oracle Export (.dmp) file
Export File Name	prpl_usrexp091505.dmp
Date of Export	September 15, 2005
Delivery Format	The Oracle table export has been compressed to the Gzip format. The compressed file name is prpl_usrexp091505.dmp.gz. This file can be uncompressed using an unzip utility, such as WinZip.

Table Description

Table Name	Table Description
pr_production_report	Stores Production Reports on a monthly basis for both leases and commingling permits. Contains all details pertaining to a production report.
pr_pending_lease	Stores identifying information for Production Reports without lease ID's. (Lease ID's not yet assigned.)

Additional Information Regarding the Tables

When a lease has not yet been assigned an official lease ID by the RRC, the operator will report production on this "pending lease" by using some other identifying information. The new system allows this pending production to be reported in the pr_pending_lease table. The primary key in the pr_pending_lease table is pending_lease_id. This key ties to the pr_production_report table, where the production information can be found. The pr_production_report table primary key is pr_production_report, and when the value of the two keys are the same (or joined,) these rows go together. The pr_pending_lease table stores the other identifying information for leases that are pending; such as the drilling permit number, API number and so on.

What happens to 'pending' production after a well gets its lease number and is put on schedule? The data element workflow_state_code is set to a "pending" code (PD) in the pr_production_report table and there is nothing in the mainframe production database. When the lease ID is assigned, the pr_production_report table workflow_state_code is changed to a "Accepted" code (AC) and the record is bridged to the mainframe. The row in the pr_pending_lease table remains. Therefore, the customers who receive this data dump need to "join" the two tables and for each row check the workflow_state_code = 'PD', in order to determine those rows that are still pending.

Table Definitions

Table Name	Table Definition		
	Name	Null?	Type
pr_production_report	production_report_id	Not null	integer
	prod_cycle_YYYYMM	Not null	Integer
	crctd_filing_flag	not null	char(1)
	cmgl_lease_tot_flag	not null	char(1)
	current_month_flag	not null	char(1)
	stock_transfer_flag	not null	char(1)
	is_deleted_flag	not null	char(1)
	workflow_state_code	not null	char(2)
	report_medium_code	not null	char(1)
	edi_filer_key		varchar2(20)
	oil_or_gas_code		char(1)
	district_no		char(2)
	lease_id		integer
	lease_no		varchar2(6)
	filing_operator_id		integer
	filing_operator_no		varchar2(8)
	posted_dt		timestamp(3)
	received_dt		timestamp(3)
	universal_doc_no		integer
	cmgl_permit_no		integer
	cmgl_group_id		integer
	cmgl_permit_one_time_use_rmrk		varchar2(50)
	locked_by		varchar2(30)
	liq_prod_vol		integer
	gas_prod_vol		integer
	beginning_soh_vol		integer
	ending_soh_vol		integer
	drv_sepext_loss_factor		number
	drv_sepext_lost_vol		integer
	liq_disp_00_vol		integer
	liq_disp_01_vol		integer
	liq_disp_02_vol		integer
	liq_disp_03_remark		varchar2(50)
	liq_disp_03_vol		integer
	liq_disp_04_remark		varchar2(50)

Table Name	Table Definition		
	Name	Null?	Type
	liq_disp_04_vol		integer
	liq_disp_05_vol		integer
	liq_disp_06_vol		integer
	liq_disp_06_remark		varchar2(50)
	liq_disp_07_vol		integer
	liq_disp_08_vol		integer
	liq_disp_09_vol		integer
	liq_disp_71_vol		integer
	liq_disp_72_vol		integer
	liq_disp_73_vol		integer
	liq_disp_74_vol		integer
	liq_disp_75_vol		integer
	liq_disp_75_remark		varchar2(50)
	liq_disp_null_code_vol		integer
	gas_disp_01_code		integer
	gas_disp_02_code		integer
	gas_disp_03_code		integer
	gas_disp_04_code		integer
	gas_disp_04_remark		varchar(50)
	gas_disp_05_code		integer
	gas_disp_06_code		integer
	gas_disp_07_code		integer
	gas_disp_07_plant_name		varchar2(50)
	gas_disp_08_code		integer
	gas_disp_09_code		integer
	gas_disp_null_code_vol		integer
	cond_no_gas_remark		varchar2(50)
	lgcy_gaslft_injct_vol		integer
	lgcy_oldest_eom_vol		integer
	batch_no		integer
	item_id		integer
	modified_by		varchar2(30)
	bridge_type		char(1)
	bridge_dt		timestamp(3)
	modified_dt		timestamp(3)
	resp_error_code		char(4)
	create_dt		timestamp(3)
	bridge_attemp_count		integer

Table Name	Table Definition		
	Name	Null?	Type
	on_top_flag	not null	char(1)
	on_top_dt		timestamp(3)
pr_pending_lease	Name	Null?	Type
	pending_lease_id	not null	integer
	production_report_id	not null	integer
	gas_well_no		varchar2(6)
	drill_permit_no		varchar2(7)
	lease_name		varchar2(50)
	field_name		varchar2(50)
	api_no		varchar2(8)
	remarks		varchar2(2000)
	modified_by		varchar2(30)
	modified_dt		timestamp(3)

Data Dictionary

The data dictionary provides the description of the data fields in the Oracle tables.

Data Field Name	Field Description
pr_production_report	
production_report_id	Unique ID for each Production Report filed.
prod_cycle_YYYYMM	The year and date for which the filer is reporting.
crctd_filing_flag	Indicates that a report for this lease/cycle was previously filed and that the flagged report supercedes it. Values: Y (yes) N (no)
cmgl_lease_tot_flag	A flag that identifies that the production report contains the lease commingle total.
current_month_flag	Indicates that this report was submitted in time for the production month reflected on the report. Values: Y (yes) N (no)
stock_trnsfr_flag	Indicates that a report has stock transfer associated with it.
is_deleted_flag	When this flag is set, the record is not displayed. Values = Y, N
workflow_state_code	Indicates in which queue the report is waiting. The workflow_state_code represents the processing state or status assigned to a production report (PR) by the RRC.

Data Field Name	Field Description
	<p><u>workflow state code values:</u></p> <p>PD Pending - PR is in Pending state: has drilling permit number or API number and no lease/gas ID</p> <p>NM No Master - PR has invalid district/ lease/gas ID in OG Regulatory Lease table</p> <p>DP Duplicate - PR is in a duplicate state</p> <p>DL PR is in delete state if it was deleted by the user</p> <p>TB To Be Bridged</p> <p>BR Bridged, placed in accepted state (AC)</p> <p>PS Posted, placed in accepted state (AC)</p> <p>BF Bridge Failed - Bridge was attempted and failed</p> <p>AC Accepted - The report has been received and passed all validations. It is the report used for calculation purposes.</p> <p>DH Discrepancy Hold - Report can not be bridged.</p>
report_medium_code	<p>Indicates how the report was received. Values:</p> <p>Hard copy = H</p> <p>Online = O</p> <p>EDI = E</p>
edi_filer_key	<p>A unique record ID submitted by the filer.</p>
oil_or_gas_code	<p>Depicts whether the lease is carried on the oil schedule or the gas schedule.</p> <p>Values: G = Gas, O = Oil</p>
district_no	<p>Districts are unique regions created by the railroad commission. There are 14 districts--01, 02, 03, 04, 05, 06, 6e, 7b, 7c, 08, 8a, 8b, 09, and 10. Fields are located in one of these districts or may span districts.</p>
lease_id	<p>Unique identifier for the lease. Currently is the concatenation of the OG code (1 =Gas, 2 = Oil), the district number from the mainframe (1 -14), and the 6-digit lease number. (Oil leases have a leading zero added.)</p>
lease_no	<p>RRC assigned lease number: Oil leases = 5-digit number, Gas wells = 6-digit number.</p>
filing_operator_id	<p>Unique ID assigned to the filing operator.</p>
filing_operator_no	<p>Unique ID assigned to the filing operator.</p>

Data Field Name	Field Description
posted_dt	Date the Production Report was posted. Posted is defined as persisted to the Oracle database and can be bridged to the mainframe. This data will be used in any statistical reporting, calculation of allowables and in general will be assumed to the official record. The most recent posted data will be the official record for that specific month.
received_dt	Date the report was received.
universal_doc_no	Unique ID associated with a document.
cmgl_permit_no	A 4-digit number assigned to an application to commingle production from more than one lease into the same tank battery. (The system assigns this number. It is not displayed.) Production from these leases will be reported on a lease/commingle permit basis. At times a lease may report on more than one commingle permit.
cmgl_group_id	Primary key for the commingle group.
cmgl_permit_one_time_use_remarks	When a commingle permit CP#9292 is used, remarks are required.
locked_by	UserID of the person who has the record locked for editing.
liq_prod_vol	Volume of liquid hydrocarbons reported by the filer as having been produced on this lease for the reporting cycle. Unit = BBLS.
gas_prod_vol	Gas volume reported as production from the oil lease or gas well. Unit = MCF.
beginning_soh_vol	Beginning stock on hand is persisted from the end of the month volume of liquids reported on the lease on the last day of the previous month.
ending_soh_vol	Ending stock on hand is the volume of liquids reported by the filer as being stored on the lease on the last day of the reporting month. Unit = BBLS.
drv_sepext_loss_factor	A positive number reflecting shrinkage of gas volume when condensate is extracted from gas well gas by lease separation methods. Application uses this factor to calculate the actual gas production for a gas well and that amount is bridged to the mainframe for use in allowable calculations.
drv_sepext_loss_vol	The amount of condensate that is expected to be lost upon extraction. Average is 1.1.
liq_disp_00_vol	Volume of liquid disposed of by pipeline. Unit = BBLS.
liq_disp_01_vol	Volume of liquids disposed of by truck. Unit = BBLS.
liq_disp_02_vol	Volume of liquids disposed of by tank car or barge. Unit = BBLS.
liq_disp_03_remark	If liquid is from net oil from tank cleaning, R-2 plant name and number is required.

Data Field Name	Field Description
liq_disp_03_vol	Volume of liquids accounting for net oil from tank cleaning. Unit = BBLs.
liq_disp_04_remark	If liquid used for circulating purposes, explanation must be given.
liq_disp_04_vol	Volume of liquids used for circulating purposes. Unit = BBLs.
liq_disp_05_vol	Volume of liquids lost or stolen. Unit = BBLs.
liq_disp_06_remark	If liquid used in pressure maintenance, R-2 plant name required on BS&W.
liq_disp_06_vol	Volume of BS&W from tank cleaning used in repressure or pressure maintenance. Unit = BBLs.
liq_disp_07_vol	Legacy code used to account for liquids not fitting into another category. (Not used on current system.) Unit = BBLs.
liq_disp_08_vol	Volume of liquids allocated back from a Form P-18 (skim oil). Unit = BBLs.
liq_disp_09_vol	Volume of liquid attributed to the lease for scrubber oil. Unit = BBLs. (Not used.)
liq_disp_71_vol	Operator change. (Equal to mainframe code 7.)
liq_disp_72_vol	Other road oil. (Equal to mainframe code 7.)
liq_disp_73_vol	Other lease use. (Equal to mainframe code 7.)
liq_disp_74_vol	Liquid lost to formation. (Equal to mainframe code 7.)
liq_disp_75_remark	If other, enter remark.
liq_disp_75_vol	Other. (Equal to mainframe code 7.)
liq_disp_null_code_vol	Volume of liquids disposed of but is missing a disposition code. Unit = BBLs.
gas_disp_01_vol	Volume of gas disposed of lease or field use. Unit = MCF.
gas_disp_02_vol	Volume of gas disposed of by transmission line. Unit = MCF.
gas_disp_03_vol	Volume of gas disposed of by sending to a processing plant. Unit = MCF.
gas_disp_04_remark	If gas is disposed of by venting/flaring, a remark must be given
gas_disp_04_vol	Volume of gas disposed of by venting/flaring. Unit = MCF.
gas_disp_05_vol	Volume of gas disposed of for gas lift use or use on another lease. Unit = MCF.
gas_disp_06_vol	Volume of gas disposed of for repressure or pressure maintenance. Unit = MCF.
gas_disp_07_plant_name	The name of the carbon black plant used.
gas_disp_07_vol	Volume of gas disposed of by sending to a carbon black plant.

Data Field Name	Field Description
	Unit = MCF.
gas_disp_08_vol	Volume of gas disposed of by sending to underground storage. Unit = MCF.
gas_disp_09_vol	Volume of gas shown as disposed to offset the volume added to the production and to account for separation extraction loss. Legacy data not used on new form PR. Unit = MCF.
gas_disp_null_code_vol	Volume of gas disposed of but missing a disposition code. Unit = MCF.
cond_no_gas_remark	If a well is producing gas and no oil, explanation must be given.
lgcy_gaslft_injct_vol	Volume of gas injected into the formation. Legacy data. As of Feb 11, 2005, (Jan 2005 production) the requirement for this data item was removed. Unit = MCF.
lgcy_oldest_eom_vol	Reflects the last known stock on hand at the end of a month before Jan 1993. For those leases where the report was filed timely it will be Dec 1992 stock.
batch_no	Alphabetic or special character assigned by an outside vendor to a batch of form Production Reports scanned by the outside vendor. This code is used by O&G as an aid in locating a desired production report.
item_id	Unique identifier given to each item in a batch.
modified_by	UserID of the person who made the modifications to this record for the data reflected in the modified_dt.
bridge_type	There are two bridge types: B and C. C = a real-time bridge and B is batch-based.
bridge_dt	The day the data was bridged to the mainframe.
modified_dt	Date the record was modified.
resp_error_code	When the mainframe returns an error, it is stored in this field
api_no	Eight- (8) digit string of numbers used to identify the well that is producing before a lease number or gas ID number is assigned. This number is associated with a longitude and latitude coordinate at which the well is located. The first 3 digits reflect the county code of the location and the last 5 are a unique within that county. Applicable only to Pending leases.
create_dt	Date the Production Report was created.
bridge_attempt_count	The number of times the application tried to bridge the record over to the Mainframe.
on_top_flag	The flag (Y or N) defines the PR that is active.
on_top_dt	The date the PR was marked active.
pr_pending_lease	

Data Field Name	Field Description
pending_lease_id	Unique identifier for the pr_pending_lease table.
production_report_id	Unique ID for each Production Report filed.
gas_well_no	This data item contains up to six digits and characters. The operator assigns the well number. The well number is usually not changed. If the well is worked over and given a new gas identification number, the well number will still stay the same.
drill_permit_no	6-digit string of numbers used to identify the well that is producing prior to a RRC identifier assignment. This number is a unique number associated with the drilling permit under which the operations performed on the well were allowed. See drilling permit system for more information. Applicable only to pending leases.
lease_name	The name of the lease as it was taken from the Form P-4. The name is chosen by the operator and is limited to 32 characters or abbreviated. Proper names are in the form Last Name, First Name, Initial, etc.
field_name	A field name is generally made up of a word chosen by the operator, the stratigraphic interval name of the formation, and the formation depths at which the field is located. For example, Johnson (Frio 4700), or Middle Bank Reef (Miocene 6000).
api_no	Eight-digit string of numbers used to identify the well that is producing before a lease number or gas I number is assigned. This number is associated with a longitude and latitude coordinate at which the well is located. The first 3 digitss reflect the county code of the location and the lst 5 are a unique within that county. Applicable only to pending leases.
remarks	Any remarks.
modified_by	UserID of the person who made the modifications to this record for the data reflected in the modified_dt.
modified_dt	Date the record was modified.

Extra Conditions on Columns

Conditions	Acceptable Values and References
Primary Key	production_report_id
Primary Key	pending_lease_id
Foreign Key	lease_id references prod_og_ownr.og_regulatory_lease
Foreign Key	universal_doc_no references prod_ew_ownr.ew_filing_unit

Conditions	Acceptable Values and References
Foreign Key	workflow_state_code references pr_workflow_state_lkup