

Form MMS 123A/123S - Electronic Version
Application for Permit to Drill a New Well

Lease G17015 **Area/Block** WR 758 **Well Name** 002 **ST** 00 **BP** 00 **Well** Exploration
Application Status Approved **Operator** 00078 Chevron U.S.A. Inc.

General Well Information

API Number 608124002700	Approval Date 06/29/2007	Approved By Ben Coco
Date of Request 06/12/2007	Req Spud 07/01/2007	Kickoff Point N/A
Water Depth (ft.) 6959	Drive Size (in) 36	Mineral Code Hydrocarbon
RKB Elevation 72	Drive Depth 7346	Subsea BOP No
Verbal Approval	Verbal Approval By	

Proposed Well Location

SURFACE LOCATION

LEASE (OCS) G17015	Area/Block WR 758	Authority Federal Lease
Entered NAD 27	Calculated NAD 27 Departures	Calculated NAD 27 X-Y
Lat: 26.20776389	N 7188.0	X 2150659.73135
Lon: -91.44338028	E 3580.0	Y 9512652.435879
Surface Plan	Plan Lease (OCS) G17015	Area/Block WR 758

BOTTOM LOCATION

LEASE (OCS) G17015	Area/Block WR 758
Entered NAD 27	Calculated NAD 27 Departures
Lat: 26.20776389	N 7188.0
Lon: -91.44338028	E 3580.0
Bottom Plan	Plan Lease (OCS) G17015

Approval Comments

The APD is approved with the following conditions:

Drill with caution due to possible shallow gas at 8197 feet SS. Conductor will be set at 10,000 feet SS which is below the potential shallow gas.

Maintain kill weight mud in the pits. Maintain good drilling mud properties to drill out of drive pipe and weight increased as required to TD of conductor hole. Cement slurry must contain gas migration additives, quick transition time additives, and high compressive strength additives to prevent gas flow after cementing. Casing must be centralized in the hole across gas sands to ensure uniform cement sheath across the sands.

Hold a prespud meeting with the crew to discuss the drilling plan for the above shallow hazards. Hold pit drills and abandon ship drill prior to spudding the well and drilling the above shallow hazards.

Follow the conditions of your approved Plan N-7966 and R-4247.

You are required to enter the as built casing on the WAR for every wellbore including each sidetrack and or bypass.

The request to leave the well in the proposed abandonment status is accepted.

When the EOR is generated once the final WAR has been accepted for this operation, a status of DSI is to be selected and the TD date is to be left unpopulated.

Form MMS 123A/123S - Electronic Version
Application for Permit to Drill a New Well

Lease G17015 **Area/Block** WR 758 **Well Name** 002 **ST** 00 **BP** 00 **Well** Exploration
Application Status Approved **Operato** 00078 Chevron U.S.A. Inc.

General Well Information

API Number 608124002700	Approval Date 06/29/2007	Approved By Ben Coco
Date of Request 06/12/2007	Req Spud 07/01/2007	Kickoff Point N/A
Water Depth (ft.) 6959	Drive Size (in) 36	Mineral Code Hydrocarbon
RKB Elevation 72	Drive Depth 7346	Subsea BOP No
Verbal Approval		Verbal Approval By

When submitted the RPD for the well to TD, please expand, if necessary, on the list of departure request.

All operations must be conducted in accordance with the OCS Lands Act (OCSLA), the lease terms and stipulations, the regulations of 30 CFR Part 250, Notices to Lessees and Operators (NTL s), the approved Application for Permit to Drill (APD), and any written instructions or orders of the District Manager.

Notify the MMS Houma District office 24 hours prior to moving onto or off of the location.

Call if any questions or concerns, Ben Coco at 985-853-5903.

Form MMS 123A/123S - Electronic Version

Application for Permit to Drill a New Well

Lease G17015 Area/Block WR 758 Well Name 002 ST 00 BP 00 Well Exploration
Application Status Approved Operato 00078 Chevron U.S.A. Inc.

Geologic Information

H2S Designation	Absent	H2S TVD
Anticipated Geologic Markers		
Name	Top MD	
Top of Salt	8408	

Rig Information

RIG SPECIFICATIONS		ANCHORS No	
Rig Name	T.O. CAJUN EXPRESS		
Type	SEMISUBMERSIBLE	ID Number	45984
Function	DRILLING	Constructed	2000
Shipyard	PPL - SINGAPORE	Refurbished	
RATED DEPTHS			
Water Depth	8500	Drill Depth	35000
CERTIFICATES			
ABS/DNV	05/31/2010	Coast Guard	10/19/2008
SAFE WELDING AREA			
Approval Date	09/26/2001	District	1.0
Remarks			

Form MMS 123A/123S - Electronic Version

Application for Permit to Drill a New Well

Lease G17015 **Area/Block** WR 758 **Well Name** 002 **ST** 00 **BP** 00 **Well** Exploration
Application Status Approved **Operato** 00078 Chevron U.S.A. Inc.

Question Information

Number	Question	Respons	Response Text
1	Will you maintain quantities of mud and mud material (including weight materials and additives) sufficient to raise the entire system mud weight 1/2 ppg or more?	YES	
2	If hydrocarbon-based drilling fluids were used, is the drilling rig outfitted for zero discharge and will zero discharge procedures be followed?	YES	
3	If drilling the shallow casings strings riserless, will you maintain kill weight mud on the rig and monitor the wellbore with an ROV to ensure that it is not flowing?	YES	
4	If requesting a waiver of the conductor casing, have you submitted a log to MMS G&G that is within 500 feet of the proposed bottom hole location for the proposed surface casing point?	N/A	
5	Will the proposed operation be covered by an EPA Discharge Permit? (please provide permit number in comments for this question)	YES	GMG290132
6	Will all wells in the well bay and related production equipment be shut-in when moving on to or off of an offshore platform, or from well to well on the platform? If not, please explain.	N/A	

Form MMS 123A/123S - Electronic Version
Application for Permit to Drill a New Well

Lease G17015 **Area/Block** WR 758 **Well Name** 002 **ST** 00 **BP** 00 **Well** Exploration
Application Status Approved **Operato** 00078 Chevron U.S.A. Inc.

Permit Attachments

File Type	File Description	Status
-----------	------------------	--------

Required Attachments

pdf	Proposed Well Location Plat	Attached
pdf	Drilling prognosis and summary of drilling, cementing, and mud processes	Attached
pdf	Pore pressure (PP), Mud Weight (MW), and Fracture Gradient (FG) Plot	Attached
pdf	Directional Program	Attached
pdf	Proposed Wellbore Schematic	Attached
pdf	Engineering Calculation	Attached
pdf	BOP & Diverter Schematics with Operating Procedures	Attached

Optional/Supplemental Attachments

pdf	T&A Departures	Attached
pdf	T&A Procedure	Attached
pdf	ABS/DNV Certificate	Attached
pdf	U.S. Coast Guard Certificate	Attached
pdf	Departure List	Attached
pdf	T&A Wellbore Schematic	Attached

Contacts Information

Name	Tom Jones
Company	00078 Chevron U.S.A. Inc.
Phone Number	832-854-2633
E-mail Address	thfj@chevron.com
Contact	Drilling Superintendent
Name	Muhammad Saleh
Company	00078 Chevron U.S.A. Inc.
Phone Number	832-854-3696
E-mail Address	mucs@chevron.com
Contact	Operations Engineer

Form MMS 123A/123S - Electronic Version
Application for Permit to Drill a New Well

Lease G17015 **Area/Block** WR 758 **Well Name** 002 **ST** 00 **BP** 00 **Well** Exploration
Application Status Approved **Operato** 00078 Chevron U.S.A. Inc.

Contacts Information

Name	Debbie Campise
Company	00078 Chevron U.S.A. Inc.
Phone Number	832-854-2617
E-mail Address	cmps@chevron.com
Contact	Drilling Engr. Asst.

Form MMS 123A/123S - Electronic Version

Application for Permit to Drill a New Well

Lease G17015 **Area/Block** WR 758 **Well Name** 002 **ST** 00 **BP** 00 **Well** Exploration
Application Status Approved **Operato** 00078 Chevron U.S.A. Inc.

Well Design Information

Interval Number 1		Type Casing		Name Conductor			
Section Number	Casing Size (in)	Casing Weight (lb/ft)	Casing Grade	Burst Rating	Collapse Rating (psi)	Depth (ft) MD TVD	Pore Pressure (ppg)
1	22.0	328.3	X-80	9545.0	9457.0	7616. 7616.	8.9
2	22.0	224.0	X-80	6363.0	3876.0	9500. 9500.	8.9
3	22.0	170.0	X-60	3580.0	1820.0	10000 10000	8.9

GENERAL INFORMATION		PREVENTER INFORMATION		TEST INFORMATION	
Hole Size (in)	26.0	Type	No Preventers	Annular Test (psi)	0.0
Mud Weight (ppg)	0.0	Size (in)	N/A	BOP/Diverter Test	0.0
Mud Type Code	Water Base	Wellhead Rating	0	Test Fluid Weight	0.0
Fracture Gradient	12.2	Annular Rating (psi)	0	Casing/Liner Test	0.0
Liner Top Depth (ft)	0.0	BOP/Diverter Rating	0	Formation Test (ppg)	0.0
Cement Volume (cu	3992.0				

PAPERWORK REDUCTION ACT OF 1995 (PRA) STATEMENT: The PRA (44 U.S.C. 3501 et seq. Requires us to inform you that we collect this information to obtain knowledge of equipment and procedures to be used in drilling operations. MMS uses the information to evaluate and approve or disapprove the adequacy of the equipment and/or procedures to safely perform the proposed drilling operation. Responses are mandatory (43 U.S.C. 1334). Proprietary data are covered under 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB Control Number. Public reporting burden for this form is estimated to average 27 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the