

Form MMS-124 - Electronic Version
Application for Permit to Modify

Lease G23018	Area AT	Block 138	Well Name 001	ST 00	BP 01	Type Exploratory
Application Status Approved		Operator 00078 Chevron U.S.A. Inc.				
Pay.gov Amount: \$110.00		Agency Tracking ID: EWL-APM-87475		Pay.gov Tracking ID 24UQ8061		
General Information						
API 608184006801		Approval Dt 26-JUN-2008		Approved By David Trocque		
Submitted Dt 26-JUN-2008		Well Status Approved St/Bp		Water Depth 3480		
Surface Lease G23018		Area AT		Block 138		
Approval Comments						
Correction Narrative						
Permit Primary Type Abandonment Of Well Bore						
Permit Subtype(s) Plugback To Sidetrack/Bypass						
Operation Description						
Procedural Narrative The well has been drilled to a depth of 24,675' MD / 24,670' TVD with a 16.0 ppg SBM in a 12-1/4" hole section. Due to collapsed 9-5/8" x 11-7/8" expandable liner and caliper log to confirm collapse from 22,170' and below, approval is requested to proceed with running an 11-7/8" EZSV to 22,044' and permanently abandoning the lower section of the well as described below for bypass operations to follow. Procedure: 1) RIH with 11-7/8" EZSV on drill pipe. 2) R/U TEAS System and wire line. Run GR/CCL for depth correlation. 3) Set 11-7/8" EZSV +/- 22,044' and test backside to 500 psi. Unsting from EZSV. 4) Mix and pump 15 bbls 8.33 ppg surfactant water, 50 bbls 17.0 ppg Class "H" per program (280 ft3), followed by 10 bbls 8.33 ppg surfactant water. 5) Displace surfactant water to end of stinger and sting into EZSV. 6) Bullhead 15 bbls surfactant water and 50 bbls cement below EZSV. 7) Unsting from EZSV and circulate bottoms up to clear residual cement and 10 bbls surfactant water from wellbore above EZSV. 8) Cut mud weight from 16.0 ppg to 15.8 ppg. 9) POOH with mechanical setting device on drill pipe. 10) P/U whipstock and TIH. Set whipstock @ 22,025'. NOTES & WAIVER REQUESTS: Bypass APB to follow.						
Subsurface Safety Valve Type Installed N/A Feet below Mudline						
Shut-In Tubing Pressure (psi)						
Rig Information						
Name ENSCO 7500	Id 99908	Type SEMISUBMERSIBLE	ABS Date 31-DEC-2010	Coast Guard Date 10-FEB-2011		

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Blowout Preventers

Preventer	Size	Working Pressure	--- Test Pressure ---	
			Low	High
Rams	18.75	15000	250	11400
Annular		10000	250	7000
Coil Tubing		0	0	0
Snubbing		0	0	0
Wireline		0		0

Date Commencing Work (mm/dd/yyyy) 26-JUN-2008

Estimated duration of the operation (days) 3

Verbal Approval Information

Official	Date (mm/dd/yyyy)
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Questions

Number	Question	Response	Response Text
1	Is H2S present in the well? If yes, then comment on the inclusion of a Contingency Plan for this operation.	NO	
2	Is this proposed operation the only lease holding activity for the subject lease? If yes, then comment.	NO	
3	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	
4	Are you downhole commingling two or more reservoirs?	N/A	
5	Will the completed interval be within 500 feet of a lease or unit boundary line? If yes, then comment.	N/A	
6	For permanent abandonment, will casings be cut 15 feet below the mudline? If no, then comment.	N/A	

ATTACHMENTS

File Type	File Description
pdf	Current Wellbore Schematic

CONTACTS

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Contact Description

CONTACTS

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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 11/4 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 Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.

Last Update: Beiriger 06/26/2008

Well:	OCS-G-23018 #1 BP01, Atwater Valley 138 Loc D	Rig:	Ensco 7500
Mudline Location:	Y = 786,393 X = 10,097,821 (NAD 27 BLM 16)	WBS No.	"UWVXEX-ET008-DRL"
	Lat N 27° 48' 04.709" Long W 89° 38' 31.433"	API Well Number:	60818406800
BHL Location:	Y = 786,393 X = 10,097,821 Z = 31,150' TVD	Latitude/Longitude:	Lat N27 48 04.709 Long W89 38 31.433 (same as surface)
OBJECTIVES:	18.0 Miocene @ 28,749' TVD	KB to MSL (ft):	72'
DIRECTIONAL:	Straight Hole : 1000' radius @ TD' of 31,150' RKB	Water Depth (ft):	<u>3480'</u>
		KB to ML (ft):	3552'

EVAL PROG	GEOLOGIC MARKERS OBJECTIVES	MD	HOLE SIZE	CASING & CEMENT	MUD MW	LOT OBG/FG	DIRECTIONAL PROGRAM
10,000 psi 16" SA @ 3,689'	(37' BML)		18-3/4" HPWH @ 36" Housing @	3536' (16" AML) 3540' (12" AML)			
Top of 16" HGR @ 3,585'	3,880'	3,880' TVD	36" Jetted to 318' BML (120' x 2", 50' 1.5" X 1", 160' x 1")				
MWD/LWD v TD	(318' BML)		30" x 32" Hole TD = 4,350'		Sea Water		
	4,310'	4,310' TVD	28" 218.27 ppg 0.75" X-82 RL-4SL (3,545' - 4310')		11.5 - 14.9 ppg DKD		
	(788' BML)		Burst Disk @ 4,431' (3500 psi) in 1"	Foam Cement @ mud-line	11.5 ppg		
18" SA @ 5,557' (2,005' BML)			26" Hole TD = 6,230'	23" 448 ppg 2" X-80 (3537' - 3590')	15.5 ppg		Straight Hole
	6,287'	6,287' TVD	Collapse Disk @ 5,900'	22" 328 ppg 1.5" X-80 x H-90D (3590' - 3630') 22" 224 ppg 1" X-80 S-90MT (3630' - 4434') 22" 170 ppg 0.75" X-80 S-60/MT (4434' - 6287')			
	(2,735' BML)		18-1/8" x 21" Hole TD = 7,900'	Foam Cement @ mud-line	12.0 ppg	LOT	
TOS @ 5,844' RKB (3,292' BML)	7,782'	7,782' TVD	18" 117 ppg, P110, Hyd 511 (5,557' - 5,300')		SBM		Straight Hole
	(4,230' BML)		17 7/8" 93.5 ppg, P110HC, Hyd 521 (6,300' - 7,782')		11.3 PPG		
			TOC @ 6,087'		14.5 ppg	FIT	
			16-1/2" x 19" Hole TD = 15,600'		SBM		Straight Hole
Top of 13 5/8" Liner @ 15,226'			TOC @ 12,890' (SLB Bond log 24-May-08)		11.6 - 13.6 PPG		
	15,466'	15,466' TVD	16.04" 109.6 ppg, HPQ-125 SLSF (3,586' - 7,094') 16" 97 ppg, HPQ-125 SLSF (7,094' - 9,144') 16" 97 ppg, HCQ-125 Hydril 523 (9,144' - 15,466')			16.3 ppg	FIT
	(11,914' BML)		19" Hole to 15,500'				
			14-1/2" x 16-1/2" Hole TD = 20,910'		SBM		Straight Hole
BOS @ 20,404' (16,852' BML)			16.5" Hole to 20,772'	13 5/8" 88.2 ppg, Q-125, SLSF (20,006' - 15,226') 14" 112 ppg, Q-125, SLSF (20,666' - 20,006') 13 5/8" 88.2 ppg, Q-125, SLSF (20,892' - 20,666')			
Top of 11 7/8" Liner @ 20,436'	20,892'	20,892' TVD	14.5" Hole to 20,910'	TOC @ 20,920' (QSLT # 24-May-08)			
	(17,310' BML)		12 1/4" x 13 1/2" Hole TD = 22,491'		SBM		
Top of 9-5/8" SET Liner @ 22,064'	EZSV @ 22,044' 280 cu ft cement		11-7/8" Casing Window TOW= 22,173'; BOW= 22,191'	11 7/8" 71.8 ppg Q-125 HYD 513 (20,436' - 22,171')	15.8 - 16.0 PPG		Straight Hole
	22,173'	22,173' TVD	Start of 12-1/4" Hole @ 22,210' MD		16.22 ppg	LOT	
	(18,619' BML)		10-5/8" x 12-1/4" Hole TD = 24,643'		SBM		Directional Hole
			10-5/8" Hole TD = 24,675'		15.8 - 16.0 ppg		
	24,675'	24,675' TVD	9-5/8" SET 36 ppg EX-80 XPC (22,064' - 24,675')				
	(21,123' BML)						