

Application for Permit to Modify (APM)

Lease G02924	Area PL	Block 9	Well Name 001	ST 00	BP 00	Type Exploratory
Application Status Approved		Operator 00105 Apache Corporation				
Pay.gov Amount: \$145.00		Agency Tracking ID: EWL-APM-244514		Pay.gov Tracking ID: 272BD0G7		
General Information						
API 177134001300		Approval Dt 16-NOV-2022		Approved By Albert Kachic		
Submitted Dt 08-NOV-2022		Well Status Temporarily Abandoned		Water Depth 35		
Surface Lease G02925		Area PL		Block 10		
Approval Comments						
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 (NTLs), the approved (revised) Application for Permit to Modify (APM/RPM), and any written instructions or orders of the District Manager. Additional conditions of approval may be located under the: (1) "approval comments" section on the final approval report, (2) agency attachments within the permit, (3) "BSEE Decision Remarks" under the Request Variance(s) Section on the final approval report, and (4) "Reviewer Remarks" under Review Status tab in ewell (these will not show-up on the final approval report). A copy of this permit (including all attachments) must be kept on location and made available to inspectors upon request during the permitted operation All notifications required as per 250.737(d)(2)(ii), 250.737(d)(3)(iii) and 250.737(d)(4)(iv) must be sent to the Supervisory Inspector and/or the Lead Inspector. You must notify the District Manager at least 24 hours before the commencement of any permitted well operations which will be performed without the use of a "rig unit" as defined in 250.712(a). Notifications may be reported utilizing 'Form BSEE- 0144, Rig Movement Notification Report' or via email addressed to the Supervisor Inspector of the applicable District. Please refer to the BSEE agency attached COA List for well operations not supported by a MODU/Vessel with a moonpool. While conducting operations, you must have a current OSFR Coverage for the lease (if applicable). If the lease's OSFR coverage will expire during OCS operations, you must submit an RPM to include the OSFR coverage to BSEE prior to the expired date. If well pressures exceed the permitted MASP/SITP pressures, the well control equipment in use must be tested at a minimum to the new observed pressure plus 500psi. The appropriate District must be immediately notified of these pressure changes and a RPM submitted to document the change. If utilizing wireline, the wireline lubricator must be tested to equal to or greater than the new observed pressure.						
Correction Narrative						
Permit Primary Type Abandonment Of Well Bore						
Permit Subtype(s) Permanent Abandonment						
Operation Description						
Procedural Narrative						

Application for Permit to Modify (APM)

Lease G02924	Area PL	Block 9	Well Name 001	ST 00	BP 00	Type Exploratory
Application Status Approved		Operator 00105 Apache Corporation				
P&A of wellbore						
Subsurface Safety Valve						
Type Installed N/A						
Feet below Mudline						
Maximum Anticipated Surface Pressure (psi)						
Shut-In Tubing Pressure (psi)						
Maximum Anticipated Wellhead Pressure (psi)						
Shut-In Wellhead Pressure (psi)						
Rig Information						
Name		Id	Type	ABS Date	Coast Guard Date	
* NON RIG UNIT OPERATION		50941	Non-rig PA Operat:	31-DEC-2049	31-DEC-2049	
Blowout Preventers						
Preventer	Size	Working Pressure	---	Test Pressure	---	
			Low	High		
Date Commencing Work (mm/dd/yyyy) 28-NOV-2022						
Estimated duration of the operation (days) 6						
Verbal Approval Information						
official			Date (mm/dd/yyyy)			
Questions						
Number	Question	Response	Response Text			
A	Is H2S present in the well? If yes, then comment on the inclusion of a Contingency Plan for this operation.	N/A				
B	Is this proposed operation the only lease holding activity for the subject lease? If yes, then comment.	N/A				
C	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				
D	If sands are to be commingled for this completion, has approval been obtained?	N/A				
E	Will the completed interval be within 500 feet of a block line? If yes, then comment.	N/A				
F	For permanent abandonment, will casings be cut 15 feet below the mudline? If no, then comment.	YES				

Application for Permit to Modify (APM)

Lease G02924	Area PL	Block 9	Well Name 001	ST 00	BP 00	Type Exploratory
Application Status Approved			Operator 00105 Apache Corporation			

Questions

Number	Question	Response	Response Text
G	Will you ensure well-control fluids, equipment, and operations be designed, utilized, maintained, and/or tested as necessary to control the well in foreseeable conditions and circumstances, including subfreezing conditions?	N/A	
H	Will digital BOP testing be used for this operation? If "yes", state which version in the comment box?	N/A	
I	Is this APM being submitted to remediate sustained casing pressure (SCP)? If "yes," please specify annulus in the comment box. If you have been given a departure/denial for SCP, include in the attachments.	N/A	
J	Are you pulling tubulars and/or casing with a crane? If "YES" have documentation on how you will verify the load is free per API RP 2D. This documentation must be maintained by the lessee at the lessee's field office.	N/A	
K	Will the proposed operation be covered by an EPA Discharge Permit? (Please provide permit number comments for this question).	YES	GMG 290388
L	Will you be using multiple size work string/ tubing/coil tubing/snubbing/wireline? If yes, attach a list of all sizes to be used including the size, weight, and grade.	N/A	
M	For both surface and subsea operations, are you utilizing a dynamically positioned vessel and/or non-bottom supported vessel at any time during this operation?	N/A	

ATTACHMENTS

File Type	File Description
pdf	Conditions of Approval (CoAs) for 2020 BiOp Compliance

Application for Permit to Modify (APM)

Lease G02924	Area PL	Block 9	Well Name 001	ST 00	BP 00	Type Exploratory
Application Status Approved		Operator 00105 Apache Corporation				
pdf Current Wellbore Schematic						
pdf Procedure						
pdf Proposed Wellbore Schematic						
CONTACTS						
Name		Vanessa Villagran				
Company		Apache Corporation				
Phone Number		281-302-2413				
E-mail Address		vanessa.villagran@apachecorp.com				
Contact Description						

CERTIFICATION: I certify that information submitted is complete and accurate to the best of my knowledge. I understand that making a false statement may subject me to c

Name and Title	Date
Vanessa Villagran, Regulatory Analyst	09-NOV-2022

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.

Application for Permit to Modify (APM)

Lease G02924 Area PL Block 9 Well Name 001 ST 00 BP 00 Type Exploratory
Application Status Approved Operator 00105 Apache Corporation

Request Variance(s)



AREA: South Pelto 9

LEASE: OCS-G 2924

Offshore Louisiana

WELL: #1

DATE: 10/27/2022

API #: 17-713-40013-00

DRAWING STATUS: Current TA

DRAWING BY: Ryan Vidrine - Chet Morrison

WD	35'
RKB-MSL	100'
RKB-ML	135'
RKB-THF	74.76'
Max Dev.	24° @ 4,585'

Tree
2 9/16" 5M

30" @ 268' RKB

9 5/8" Retainer @ 435' RKB (300' BML)

9 5/8" Cut @ 435' RKB (300' BML)
could not circulate or pull

9 5/8" Cut @ 485' RKB (350' BML)
could not circulate or pull

9 5/8" CIBP @ 710' RKB (575' BML)
Tested to 1000 psi

2 7/8" Cut & Pulled @ 735' RKB (600' BML)

TUBING (RKB)	
OD	2 7/8"
ppf	6.5#
Grade	N-80
Thread	BTS-8
I.D.	2.441"
EOT	11,163'

Nipples (RKB)			
	Type	Depth	ID
#1	S	992'	2.313"
#2	S	11,101'	2.313"
#3	S	11,158'	2.313"
#4	S	11,324'	1.875"
#5	N	11,861'	1.875"

Annuli Pressure-Testing Summary

2 7/8" x 9 5/8" tested to 1000 psi

9 5/8" x 13 3/8" tested to 500 psi

S nipple @ 11,101' RKB

J-3 Sand: 11,077' - 11,126' MD
Squeezed previously

GLM's (RKB)		
GLM	Depth	Status
#1	1,331'	Live
#2	2,360'	Live
#3	3,159'	Live
#4	3,785'	Live
#5	4,184'	Live
#6	4,787'	Live
#7	5,291'	Live
#8	5,795'	Live
#9	6,292'	Live
#10	6,794'	Live

S Nipple @ 11,158' RKB

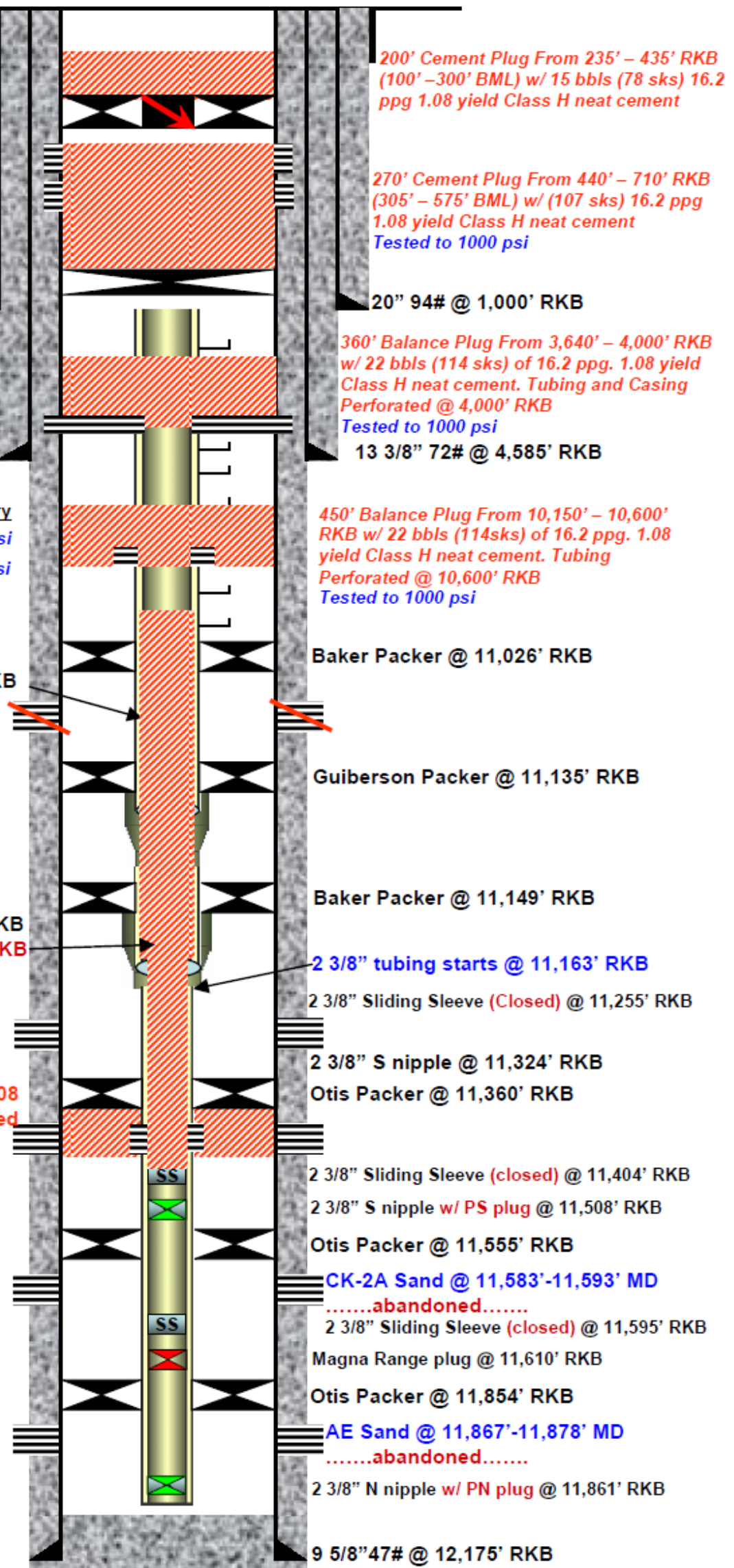
Possible hole in tubing @ 11,160' RKB

CK 1 Sand @ 11,292'-11,305' MD
.....abandoned.....

CK 1A Sand @ 11,380'-11,385' MD
Squeezed w/(52sks) of 16.2 ppg 1.08
yield Class H neat cement displaced
to 10,822' RKB
Tested to 1000 psi

Casing Information (RKB)				
Size	30"	20"	13 3/8"	9 5/8"
Weight		94#	72#	47#
Grade		N-80		N-80
Thread				
Depth	268'	1000'	4,585'	12,175'
Cmt. / TOC	Driven	Surface	2,245'	3,263'

Plug Back Depth	12,065' MD
Total Depth	13,751' MD
Annulus Fluid	8.6 ppg SW





AREA: South Pelto 9
LEASE: OCS-G 2924
Offshore Louisiana

WELL: #1
DATE: 10/27/2022
API #: 17-713-40013-00

DRAWING STATUS: Proposed P&A

DRAWING BY: Ryan Vidrine –Chet Morrison

WD	35'
RKB-MSL	100'
RKB-ML	135'
RKB-THF	74.76'
Max Dev.	24° @ 4,585'

Tree
2 9/16" 5M

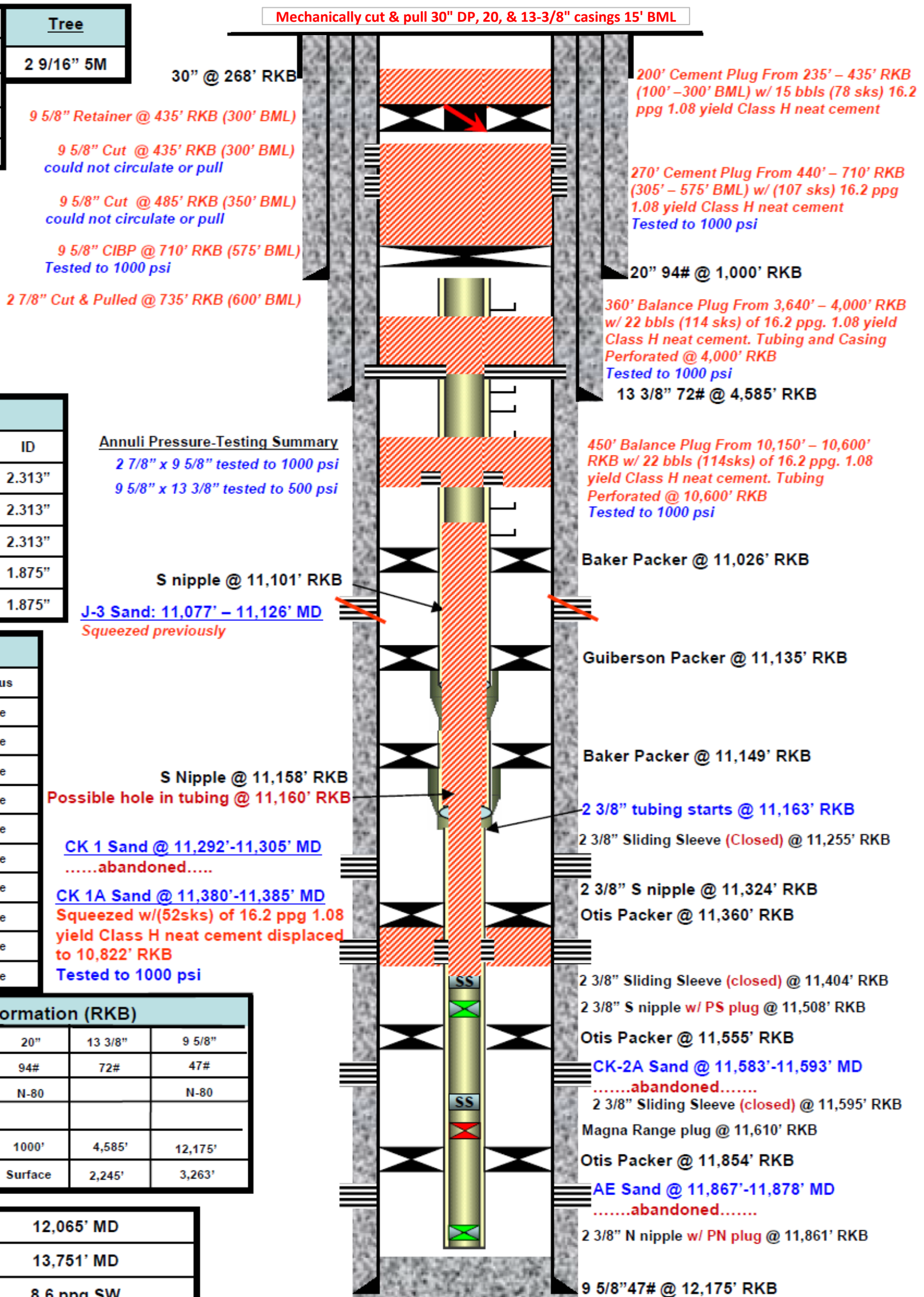
TUBING (RKB)	
OD	2 7/8"
ppf	6.5#
Grade	N-80
Thread	BTS-8
I.D.	2.441"
EOT	11,163'

Nipples (RKB)			
	Type	Depth	ID
#1	S	992'	2.313"
#2	S	11,101'	2.313"
#3	S	11,158'	2.313"
#4	S	11,324'	1.875"
#5	N	11,861'	1.875"

GLM's (RKB)		
GLM	Depth	Status
#1	1,331'	Live
#2	2,360'	Live
#3	3,159'	Live
#4	3,785'	Live
#5	4,184'	Live
#6	4,787'	Live
#7	5,291'	Live
#8	5,795'	Live
#9	6,292'	Live
#10	6,794'	Live

Casing Information (RKB)				
Size	30"	20"	13 3/8"	9 5/8"
Weight		94#	72#	47#
Grade		N-80		N-80
Thread				
Depth	268'	1000'	4,585'	12,175'
Cmt. / TOC	Driven	Surface	2,245'	3,263'

Plug Back Depth	12,065' MD
Total Depth	13,751' MD
Annulus Fluid	8.6 ppg SW





Apache
SOUTH PELTO 9
OCS-G02924 PL 0009 001
API #17-713-40013-00

10/27/2022

Permanent Abandonment Procedure to Cut and Remove Casings

1. Mobilize derrick barge to location.
2. Mechanically sever all casing strings at a minimum of 15' BML.
3. Lift and remove all casing strings.
4. Complete removal of structure.
5. Demobilize derrick barge.

Drilling/Well Operations Not Supported by a MODU/Vessel with Moon Pool:

The following Conditions of Approval (CoAs) are required for this permit to comply with the Endangered Species Act (ESA) Section 7, programmatic Biological Opinion (BiOp) issued by National Marine Fisheries Service (NMFS) to the Bureau of Ocean Energy Management (BOEM) and Bureau of Safety and Environmental Enforcement (BSEE) for operations on the Gulf of Mexico (GOM) Outer Continental Shelf (OCS):

- **COMPLIANCE WITH BIOLOGICAL OPINION TERMS AND CONDITIONS AND REASONABLE AND PRUDENT MEASURES:** This approval is conditioned upon compliance with the Reasonable and Prudent Measures and implementing Terms and Conditions of the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020. This includes mitigation, particularly any appendices to Terms and Conditions applicable to the plan, as well as record-keeping and reporting sufficient to allow BOEM and BSEE to comply with reporting and monitoring requirements under the BiOp; and any additional reporting required by BOEM or BSEE developed as a result of BiOp implementation. The NMFS Biological Opinion may be found here: (<https://www.fisheries.noaa.gov/resource/document/biological-opinion-federally-regulated-oil-and-gas-program-activities-gulf-mexico>). The Appendices and protocols may be found here: (<https://www.fisheries.noaa.gov/resource/document/appendices-biological-opinion-federally-regulated-oil-and-gas-program-gulf-mexico>). The conditions outlined above will be included as additional environmental measure and recommended under this CER as CoAs the approval of the RPM.
- **SUPPORT BASES AND VESSEL TRANSIT ROUTES:** Approval of your permit is conditioned upon your use of the support bases and vessel transit routes as described in your associated BOEM plan. BOEM/BSEE must be notified at least 15-days prior to any vessel route changes that require transit of the Bryde's Whale area, and you must receive prior approval for that transit from BOEM/BSEE. The Bryde's whale area to include the area from 100- to 400- meter isobaths from 87.5° W to 27.5° N as described in the status review (Rosel, 2016) plus an additional 10 km around that area.
- **MARINE TRASH AND DEBRIS AWARENESS AND ELIMINATION REQUIREMENTS:** The applicant will follow the protocols provided in Appendix B. Gulf of Mexico Marine Trash and Debris Awareness and Elimination Survey Protocols found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020. The Appendix can be accessed on NOAA Fisheries internet website at <https://www.fisheries.noaa.gov/resource/document/appendices-biological-opinion-federally-regulated-oil-and-gas-program-gulf-mexico>.
- **VESSEL-STRIKE AVOIDANCE/REPORTING:** The applicant will follow the protocols provided under Appendix C. Gulf of Mexico Vessel Strike Avoidance and Injured/Dead Aquatic Protected Species Reporting Protocols found in the Biological Opinion issued by the National Marine Fisheries Service on March 13, 2020. The Appendix can be accessed on the NOAA Fisheries internet site at <https://www.fisheries.noaa.gov/resource/document/appendices-biological-opinion-federally-regulated-oil-and-gas-program-gulf-mexico>.